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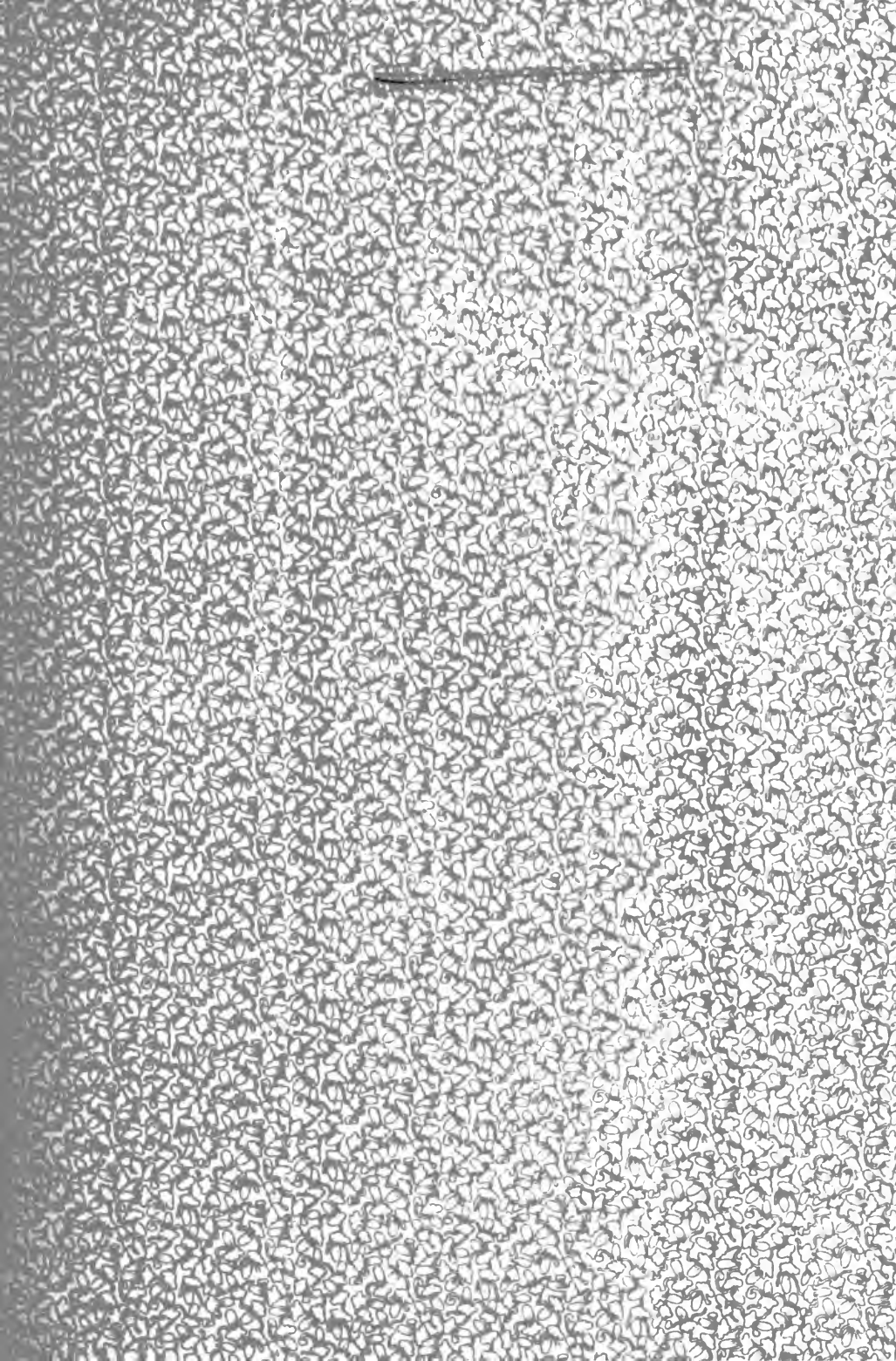
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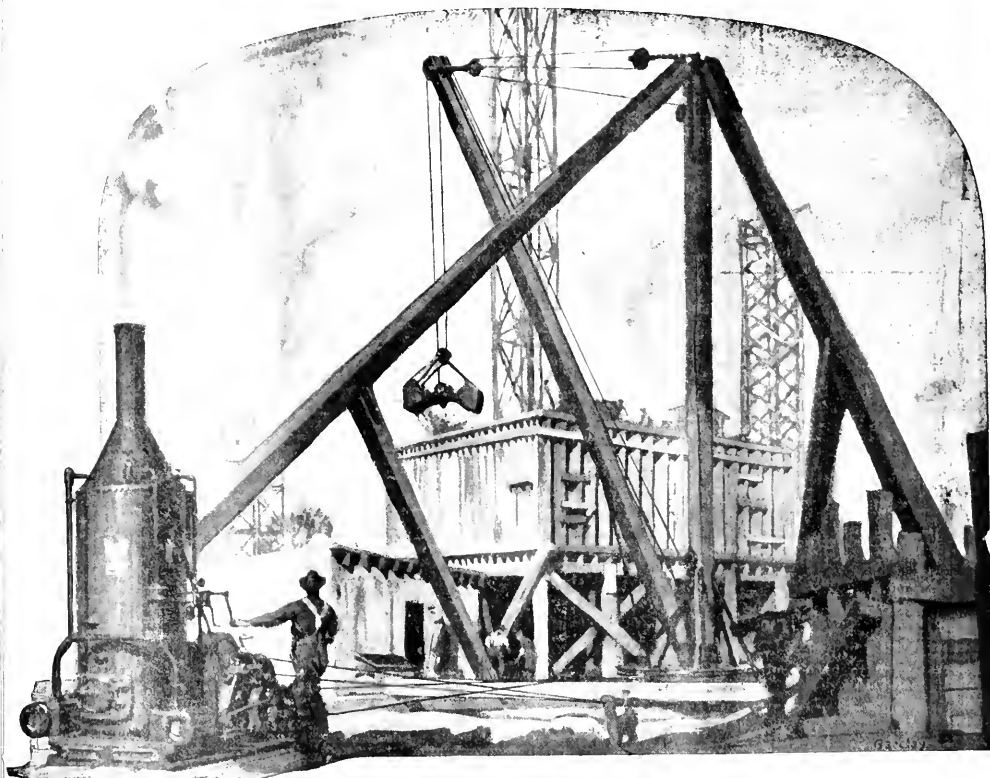
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"Everything for the Contractor"

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SAN FRANCISCO

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MEMBERS OF

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

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W. P. FULLER & CO. TO IMPROVE HOLDINGS

Further emphasis of the continued industrial development of San Francisco is shown by the purchase of more than ten acres of water front land in South San Francisco by W. P. Fuller & Co. from the Steiger Terra Cotta & Pottery Works. The entire holdings of the latter company have been acquired by the Fuller corporation. The land is valued at \$10,000 an acre.

The W. P. Fuller Co.'s factory investments in South San Francisco have been augmented by 200 water front feet of land. Extensive improvements are planned on the property purchased. The cost of the contemplated work will run into hundreds of thousands of dollars, officials of the Fuller Company announce. The Steiger Terra Cotta & Pottery Works will be dissolved.

ENGINEER'S MODEL HELPS SALE OF BONDS

A novel method of showing investors and others what the purchase of bonds of an irrigation district represents has been used for the first time by R. C. Starr, of Thebo, Starr & Anderson Inc., of San Francisco, chief engineers of the Merced Irrigation District. An exact working model, scale 20 feet equals one inch, of the Merced Irrigation District dam, pipe lines and power house, together with a model, same scale, of the Claus Spreckels Building, San Francisco, has been placed on display in the window of a Market Street bond firm. This method of visualizing a dam and power house and comparing the same to an office building is a distinct advance in the engineering art.

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ENGINEER TOURING U. S. TO STRESS IMPORTANCE OF INDUSTRIAL RESEARCH

To stress the importance to the nation of industrial research, which, engineers hold, is necessary on a huge scale if America is to retain its industrial supremacy and profit by the lessons of the war, Alfred D. Flinn, secretary of the Engineering Foundation, and chairman of the Division of Engineering, National Research Council, has begun a speaking trip of several weeks in the cities of the Far West and Canada. Flinn, of the best known figures in organized engineering in the East, will first visit Salt Lake City, Utah, where he will arrive Monday, July 26, and spend three days, speaking before the Salt Lake engineering groups.

Flinn will explain to the engineers of the West the aims of the Engineering Foundation, which was established in 1914 through a gift of \$500,000 by Ambrose Swasey of Cleveland, O., a past president of the American Society of Mechanical Engineers, as a nucleus of a large endowment "for the furtherance of research in science and in engineering, or for the advancement in any other manner of the profession of engineering and the good of mankind."

The Foundation is administered by the Engineering Foundation Board composed of members from the American Society of Civil Engineers, American Institute of Mining and Metallurgical Engineers, American Society of Mechanical Engineers and American Institute of Electrical Engineers, and members at large. The Board is a Department of United Engineering Society with headquarters in New York City.

The National Research Council, founded in 1916, works in cooperation with the Foundation and with governmental departments. It has broad national and international connections in the mathematical, physical and biological sciences and their related technologies, including all branches of engineering.

The Council is supported by gifts from large benevolent foundations, other organizations and individuals, chiefly by a \$5,000,000 endowment fund given by the Carnegie Corporation and more than \$1,000,000 given by the Rockefeller Foundation and the General Educational Board for research fellowships and other special purposes. It is erecting a permanent building near the Lincoln Memorial, Washington. Among the research projects now being carried out by the Council and the Foundation is a movement to drive from American ports the ship worm, which has caused billions in damage to marine property on the Atlantic and Pacific Coasts.

Flinn's itinerary includes Los Angeles, San Francisco, Sacramento, Riverside and Davis, Cal.; Portland, Ore.; Seattle and Bellingham, Wash.; Vancouver, B. C.; Prince Rupert, Jasper Park, Alberta; Winnipeg, Duluth, Minneapolis and Chicago.

Like Dean Dexter S. Kimball, president of the American Society of Mechanical Engineers, now touring the Far West, Flinn will appeal for engineering unity between the East and the West in co-operation with Canadian engineers for the attainment of both national and international aims.

CONCRETE AND "BLACK BASE" PAVEMENT TEST SCHEDULED AT PITTSBURGH

The quarter-mile concrete test highway built at Pittsburg, Calif., a year ago by the Columbia Steel Company is to be torn up and reconstructed for new highway tests that will start about October 1 under the joint supervision of the California Highway Commission and the Federal Bureau of Public Roads, according to an announcement of Lloyd Aldrich, engineer in charge of the experiments.

The new highway will be constructed of ten sections and will embody both concrete and what is known as "black base" pavement. Many engineers who have visited the test road have expressed themselves as desiring to see a comparative test of "black base" and concrete, and it is to further the minute highway research work that is being carried on by the State and Federal Governments that led to decision to construct the new oval reinforced concrete pavement will also have a section in the new highway.

The test road was built by the Columbia Steel Company a year ago and subjected to a severe test under the direction of steel company officials. Several months ago, the State and Federal Government took over the road and a month ago started a new test after the highway had been rebuilt. Forty-six heavily laden Government trucks have been circling the oval for four weeks. Aldrich said the trucks would be retained at the highway for the new test.

The present test will cease temporarily about July 15, but will be resumed during the week of July 24, for a final checking up of data, which is to be published and submitted to engineers. The data will be ready for publication about September 15.

As soon as the present test stops work will be started constructing the new highway. The third test will be started not later than October 1 and will be continued until the highway is destroyed. The experiments, it is said, may last for a year.

Construction and maintenance costs are being borne equally by the State and Federal Governments.

OAKLAND REALTY BOARD TO LAUNCH "OWN YOUR OWN HOME" CAMPAIGN

A model homes exposition, augmented by an "own your own home" campaign, is under way in Oakland with the endorsement of the Oakland Real Estate Board, which acted following a brief talk by J. C. Downey, chairman of a committee of business men who recently got together to discuss ways and means of stimulating business activities in the East Bay district. Downey outlined the ideal homes exposition which will be officially known as "California Complete Homes Exposition." The program outlined will embrace every detail of home-making from architectural design to the final touches of finishing, furnishing and landscaping. The exposition is modeled after the ideal homes exposition, held biennially in London.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The Western Iron-ite Sash Weight Co., with plant at 2448 E-11th St., Los Angeles, is the name of a new firm formed to manufacture and distribute the Iron-ite Sash Weight. George W. Roberts, Alex. R. White, Thomas R. Merry and Wilbur F. Hulette are the members of the firm. They have acquired from the Concrete Sash Weight Co. the rights for the Pacific slope to manufacture "the weight with the pulley," which is the invention of "Charles L. Martin of Los Angeles.

P. M. Sanford has been re-elected president of the Richmond Builders' Exchange. Other officers are: F. A. Mero, first vice-president; J. L. Collins, second vice-president; E. H. Higgins, treasurer; L. M. Dexter, secretary; (re-elected); E. M. Tilden, P. M. Sanford, R. J. Ballantyne and E. A. Marshall were re-elected to the Board of Directors and the following new members were named for the directorate: E. H. Higgins, F. A. Mero and J. L. Collins.

William A. Newman, San Francisco architect and first vice-president of the Society of Constructors of Federal Buildings, will leave for New York July 1, for an extended European tour. He will be accompanied by Walter C. Falch, architect. Newman will stop at Washington to confer with other officers of the Society and will extend an invitation to hold the next convention in San Francisco. Newman and Falch expect to return to San Francisco by November.

Otto Dane, an employee of the Dinwiddie Construction Co. of San Francisco, who fractured seven ribs and incurred other serious injuries in a fall down the elevator shaft of the Golden Gate Theater last October when that building was under construction, has been awarded compensation of \$624.90 and a weekly payment of \$20.33 until the termination of his disability, by a ruling of the Industrial Accident Commission.

A. F. Kessing and A. J. Hubert, two former departmental heads of the Holt Manufacturing Company, have leased the building at 144 Main St., Porterville, and will operate a machine shop, with a capital of \$50,000. The company will specialize in cylinder re-grinding, installation and repair of pumps, in addition to operating a general machine shop for jobbing.

Announcement is made of the sale of the Bain Wagon Company of Kenosha, Wis., to Dixon and Griswold of Los Angeles, Calif. The Bain company has a capital stock of \$400,000. Geo. A. Yule, for the present, will remain as president of the company in an advisory position. The plant is one of the largest wagon-making plants in the United States, and has been in business since 1840.

Plans for a city-wide membership campaign to strengthen the Sacramento Builders' Exchange and to complete the organization of crafts not now organized was decided upon at a recent get-together meeting. The campaign will be carried on in conjunction with the membership drive of the Master Builders' Association already under way.

Filing on land located eighteen miles east of Napa and two miles north of the main road to Monticello, a year ago and exploring most of 600 acres in that section, a company headed by R. R. Norton of the Liberty Asbestos Company of Coalinga has located what is believed to be one of the best fields in California for rock from which the finest grade of asbestos fiber is manufactured.

The National Stone Tile Company of San Francisco is conferring with the Santa Clara Chamber of Commerce regarding the establishment of a plant in Santa Clara. The concrete Lumber Co. of Los Angeles also plans the erection of a plant in that city, as does the firm of Ogier Bros., apple growers, who plan the erection of an evaporator.

Fresno County Grand Jury recommends that Eugene Mathewson, Fresno Architect, be commissioned to prepare working drawings for the proposed additions to the Fresno County Court House. About \$280,000 will be expended in the improvements.

The Fulton Co., Knoxville, Tenn., has issued a new catalogue which contains useful information on Syphon specialties. The issuance of the book is a direct selling plan recently adopted by the company in place of sales through a general distributing agency.

San Rafael Board of Education proposes to call election to vote bonds of \$190,000 for school improvements. Program includes the erection of a \$200,000 elementary school and a \$200,000 high school. A site for the latter building will cost about \$90,000.

The Pacific Lumber Agency of Aberdeen Wash., has purchased the site plant of the Hewitt-Lea-Funck Corp., at Sumner, Wash., and plans improvements costing \$25,000, according to C. C. Harris, manager of the Pacific agency.

Gay Engineering Company of Los Angeles is conferring with the Oakland Chamber of Commerce regarding the establishment of a plant in that city. The company manufactures refrigerators and re-frigerating machinery.

Monterey Union High School District, Monterey County, at a recent election authorized the issuance of \$250,000 in bonds to finance school improvements.

Shell Oil Co. plans erection of \$25,000 distributing plant in Yuba City.

The Hammond Lumber Company's mill at Mill City, Ore., is cutting 185,000 ft. daily. A 5-mile stretch of logging road is being built.

Contra Costa County has 152 miles of paved highways, according to a report compiled by County Surveyor R. R. Arnold.

Exeter Union High School District, Tulare County, votes bonds of \$150,000 for a new high school building.

Western Screen & Sash Co.'s lumber plant at Long Beach, Calif., suffers \$20,000 fire loss.

ALONG THE LINE



Thompson Bros., street and road contractors of Fresno, have purchased a 17-acre site in that city and will erect a number of warehouses and sheds to house and repair equipment. Included in the improvements is a twelve-mile spur track.

Chas. Evans Fowler, noted bridge engineer of New York, is in San Francisco to confer with authorities on plans for the construction of a suspension bridge at Carquinez strait. The proposed bridge is to be 3100 feet long, with a middle span of 1500 feet.

The Arizona Willite Paving Co. of Tucson, has been incorporated with \$500,000 capital stock. Julius Kruttschnitt Jr., 297 N. Main St., Tucson, is president of the company and George B. Singleton, Santa Rita Bldg., Tucson, is secretary.

F. L. Henderson, architectural designer, formerly of Pasadena, has opened an office at 1321½ Central Ave., Los Angeles, and desires catalogs and samples of building material and appliances.

Pacific Gas & Electric Co. will spend about \$150,000 in improvements and additions to the Sacramento gas plant. Two 250 horsepower boilers and one 200 horsepower steam driven compressor will be installed.

C. E. Grunsky Sr., San Francisco engineer, has been placed in full charge of the Gordon Valley water project by the Vallejo City Council. Bonds of \$1,230,000 were voted to finance the project.

Western Building and Loan Association of Salt Lake City, Utah, has opened an office in Marysville with Clarence F. Galligan, Secretary-Treasurer, in charge.

The Visalia Planing Mill, Visalia, Calif., recently destroyed by fire, will be rebuilt at a cost of \$20,000, according to B. U. Heherling, owner and manager.

C. P. Helpman, Los Angeles representative for the Union Blind & Ladder Co., of Oakland, has moved his offices to 722 Story Building, Los Angeles.

J. N. Lentell of Eureka will be a candidate for the office of Humboldt County Surveyor at the coming election.

Fred S. Barnhart, 52, one of the architectural heads of the Diamond Match Company in Chico, died at his home in that city June 26.

C. R. Greenough, contractors and builder, formerly of Porterville, Calif., has located at San Gabriel.

Lundberg & McMahon, Tacoma, Wash., Architects, have opened a Seattle office in the Lyon Building.

Shell Oil Co. will construct a \$150,000 Trouble still unit at Martinez.

U. S. HOUSING SHORTAGE ESTIMATED AT TWO AND A HALF YEARS' PRODUCTION

Despite the increased building activity in the United States during the last six months, the housing shortage for the country as a whole is estimated at somewhat more than two and a half years' production by John Ihlder, manager of the Civic Development Department of the Chamber of Commerce of the United States. According to Ihlder, the situation is not the same in all American cities. In some cities the shortage is estimated as nearly four years, he says, while in others it is approximately one and a half years, or even less.

"This means," he explains, "that many thousands of American families are still living in cramped quarters, well-to-do families as well as poor. More significant, it means that a considerable proportion of these families are becoming accustomed to this cramped living, accepting it as normal. I have heard of an Admiral of the Navy who, with his wife and two sisters, occupies three rooms in an expensive apartment house and has his meals prepared on an ingenious little electric stove in the hall; of a comparatively well-to-do woman who occupies one room and bath and has her laundry washed in the bathroom. When one goes from such people to the poor, he finds the old overcrowding accentuated and insanitary conditions worse than they were before the war."

Ihlder points out "that while we cannot expect house building to continue long at its present speed, we may hope that it will continue to exceed present increase of need, and so gradually reduce the shortage. Coincidentally we may expect that building prices will come down, not steadily—just at present they are rising from the lower level of the winter—but with occasional flats and accents. This means that we may hope for dwellings produced and sold at smaller cost and so put within the means of a constantly larger proportion of the people, until the day comes when the old procession is once more started from poorer houses to better houses, and so make available to families of small means the old but adequate houses that are still habitable. At present there is an hiatus between the expensive houses under construction and the dwellings of the unskilled wage earner. At present and for some years in the future, there will be little or no building of new dwellings, at least in the East, for unskilled wage earners."

"Desire for such dwellings is likely to expose us to an insidious danger—the attempt to cheapen construction by diminishing the space put at a family's disposal or by encouraging shoddy construction. The short cut of shoddy construction which has been, and still is to a lesser degree, one of our greatest menaces, promises to offer earlier relief, but at a cost which our children and grandchildren will pay. The short cut of diminished space has amply proved its fallacy in tenements in New York. Its ultimate results will be higher rents for a population so crowded together that it cannot live, but merely exist."

"From the housing point of view, the most encouraging development of the past two or three years is the extension of zoning regulation in the United States. Begun just before the war, zoning gripped our imagination and as soon as peace returned American cities began to apply it. Today some sixty cities have or are drafting zoning regulations. Because of these zoning regulations they are keeping in their residence districts the open spaces which are the fundamentals of good housing."

Master Builders of Sacramento Are Opposed to American Plan

The Sacramento Master Builders' Association, in a statement issued by L. S. Patterson, Secretary of the organization, goes on record against any trial of the American Plan of industrial relations in Sacramento. The statement was authorized by the organization after a meeting June 26 when the matter was discussed by members of the association.

At this meeting A. W. Norris, President of the Builders' Exchange, reported upon his investigations of the working of the plan in San Francisco and elsewhere. Norris declared the plan discriminated in favor of certain classes of employers.

Patterson's Statement

The statement issued by Secretary Patterson is as follows:

The American Plan as operated in San Francisco and other cities of the State is not generally understood by the public and in many cases by the members of the building industry. The plan as put forth by the Industrial Association of San Francisco, which organization has undertaken to guide the progress of the plan in the Bay district, is different from the old time open shop plan, which usually provided for an entire absence of restraint upon employers with respect to wages, hours and other conditions of employment.

Public Interest First

The American Plan, as now advocated, is designed to be of benefit to not only the employers and the employees, but also to the public. The Industrial Association takes the viewpoint that the interest of the public is more important than that of any other element and that no group or class should be permitted to jeopardize the public interest.

Various rules and detailed regulations have been designed to cover all possible wage, hours and working condition problems.

Since the adoption of the American Plan in other cities of the State varying success in complete application of the plan has been obtained. Labor and the employers have usually been at variance in their statements with respect to its success or failure.

Results Not Desirable

Sacramento is one of the largest cities in the State that has so far failed to at least try the American Plan. Individuals and committees of the Master Builders' Association have gone into the matter as thoroughly as possible, and, after weighing the evidence obtained from both sides have taken the stand that Sacramento does not want the plan as it is operated in other cities.

At a meeting Tuesday noon, June 26th, those members of the Master Builders' Association who were present individually expressed themselves as seeing no reason for changing the stand already taken on the matter. A. W. Norris, President of the Sacramento Builders' Exchange, stated his investigations have shown that the American Plan, under conditions in effect in other cities, tended to discriminate in favor of certain classes of employers with respect to wages and conditions of employment.

Conditions Here Satisfactory

It was brought out at a discussion presided over by George D. Hudnutt, President of the Master Builders' Association that Sacramento is exceptionally well situated with respect to wages, hours and other matters that concern the employer and employee. Employees are busy and employees on the average are satisfied with the conditions wages and hours under which they are working.

Wages with one or two exceptions are on a par with those paid in other cities and in those cases where a higher wage obtains in Sacramento the proper adjustment will be made amicably between the proper committees of the Sacramento Builders' Exchange and the Labor Council.

Under existing conditions the building public may be assured that Sacramento is not paying a higher wage scale than other cities of the State and recent reports according to compilations made by Master Builders' Association show that Sacramento is paying on the average 1-1/2% than other cities in the country more favorably situated with respect to transportation and source of supply.

NEW METHOD FOR MANUFACTURE OF ROOFING TILES

In several countries in Africa it has been suggested that roofing tiles should be made locally, and search has been made for suitable materials. Specimens of clay and sand, collected in Uganda, and of clay and diatomite from Kenya Colony, have recently been examined at the Imperial Institute in order to ascertain possibilities in this direction. The bulletin of the Imperial Institute states that tiles of good quality can be made with a suitable mixture of the clays and sand from Uganda, while good tiles can also be made from mixtures of the washed clays with "grog," i. e., clay which has been burnt and finely ground. The clay from Kenya Colony were also found to be suitable for making roofing tiles. "The results obtained with the infusorial earth of diatomite (which contained a certain proportion of clay) are of special interest, as this material, which does not appear to have been employed previously for the purpose, furnished tiles which were much lighter than ordinary roofing tiles, this being a great advantage.—Engineering, London.

LONDON MAN LAYS 700,000 BRICK IN TWO YEARS

The championship in bricklaying, from the standpoint of the amount of work done by one man, is claimed by a British workman, Hotham Browne. Single-handed he has just finished laying all the bricks, 700,000 of them, in the Oxford Theatre at Worlington, Cumberland. The job took two years. Had he worked under union rules he would have laid only 150,000 bricks in this time.

The magnitude of this undertaking is shown by the fact that the building is 150 feet long and 50 feet wide, and will accommodate 1400 people. Browne ignored all trade union rules and regulations and just went ahead laying brick after brick, day after day. When he had laid the first 100,000 people christened the building "Browne's monument," but it is now known as "the house that Browne built."

Bids will be opened by Napa County Supervisors on July 11 to construct Browns Valley highway. Road will be 3.16 miles long of concrete, 6 inches thick and 18 feet wide.

Decree Prohibiting Restraint Practices Consented to by Bricklayer's Union

It has been held by the United States District Court, New York City, that the Sherman Act is Violated by contracts between certain labor union and associations of employers. The following abstract of the consent decree recently issued in the bricklayers' case appears in the April issue of Law and Labor.—Editor.

Contracts between a trade union controlling from 75 to 90 per cent of the labor in a particular trade and associations of employers, whereby the members of one agree to work for, and the members of the other to employ only, the members of the other, and rules enforced by the union prohibiting work on non-union made materials and limiting output, restricting thereby trade in commodities moving in interstate commerce, violate the Sherman Act. The entry of a decree prohibiting such practices was consented to by the bricklayers' union.—United States v. Bricklayers', Masons' & Plasterers' International Union (United States District Court, New York City.)

The United States brought this action against the Bricklayers', Masons' & Plasterers' International Union of America, a national officers, and several of its local unions in and about New York City to enjoin agreements and understandings made by the members of the national union and its locals in violation of the Sherman Act.

The bill shows that the union has entered into agreements with the Marble Industry Employers' Association of New York and its members, whereby the employers agree to employ only members of the union and the members of the union agree to work only for members of the association, thereby preventing competition with the members of the Association in the sale, shipment and installation and interstate commerce of marble and similar products. The Government alleges a similar understanding between the union and the Tile and Mantel Contractors' Association. It is further alleged that the union made an understanding with the Journeymen Stonecutters' Association whereby the union bound its members to refrain from cutting stone or working on any building where stone was to be installed, except in conformity with the following restriction:

"That contracts for not over 6,000 cubic feet of cut stone shall be cut and dressed in the yards of the city in question by recognized cut stone contractors, and contracts for over 6,000 cubic feet may be shipped in from outside yards or quarries ready cut and dressed, provided it is cut and dressed by the members."

Non-Union Materials Prohibited

It is further charged that the union promulgated and enforced rules whereby the members of the union were forbidden to work for any employer who utilized non-union quarried marble or stone or non-union made brick or tile, thus preventing the interstate shipment into New York of these products. The Government also set forth a tripartite agreement between the defendant union, the Journeymen's Stonecutters' Association and the International Cut Stone Contractors' and Quarrymen's Association, whereby the union offered the services of its members to members of the Contractors' Association in preference to others. The bill finally charges that the union promulgated rules limiting its members in the quantity of marble, tile, cut stone or brick which they should cut, set or install in a definite period of time, thereby restricting substantially the amount of material worked upon by the members and interfering with the performance of a normal day's work.

The bill also shows that the union controls the activities of from 75 to 90 per cent of all mechanics and artisans engaged in the trades of cutting and setting marble, stone and tile in New York City and that these contracts and restrictions restrain interstate commerce in the marble, stone and tile products, both union and non-union. It further shows the rights of independent contractors and workmen in limiting or entirely cutting off their opportunities to deal in these products.

Action Not Contested

The Bricklayers', Masons' & Plasterers' International Union and the several local unions made defendants did not contest the action, out consented to the entry of a decree in the terms prayed for by the Government, except for the provision against working on convict made materials (see hold face below), inserted at the request of the union. The decree, entered February 28, after setting forth that the rules, regulations and agreements complained of in the Government's petition are illegal and in violation of the Sherman Act, restrains the defendants from hereafter making agreements similar to these complained of and more particularly restrains them from:

Practices Restrained

"a.—Entering into, making, adopting, or enforcing any contracts, understandings, agreements, rules, regulations, provisions, or resolutions which in anywise, directly or indirectly, prescribe, determine, limit or curtail the productive capacity of any defendant member within any given time. This decree recognizes the principle that labor is not a commodity, and that different human beings are capable of different productive capacities within the same time, and nothing contained shall be construed as preventing the defendants from regulating the hours of labor or the conditions of labor as to wages, health, sanitation, safety, or advancement of the defendant members, save and except that each individual defendant is to be enjoined from restricting such services that will confer such special advantages, in kind, quality or quantity as he may be capable of performing within the hours of labor that may be determined by or under the conditions as to wages, health, sanitation and the like that may be prescribed.

"b.—Entering into, making, adopting or enforcing any contracts, understandings, agreements, rules, regulations, provisions, or resolutions of any kind or character of a mutually exclusive character, i. e., whereunder any trade or employers' or contractors' society or association or its members engage the service exclusively of the defendant members, and where the defendant members in turn agree that they will confine their services exclusively to the members of such trade or employers' or contractors' society or association.

"c.—Entering into, making, adopting or enforcing any contracts, understandings, agreements, rules, regulations, provisions, or resolutions of any kind or character which restrain, prohibit, hinder or otherwise prevent any of its members from engaging their services to any employer by reason of the fact that such employer is utilizing stone, which has in any other building material which has been directly quarried or purchased at the source of its production, or at any other point or place, the service of the defendant members is to be said, that in so far as the service of the defendant members is concerned, the employer shall be at liberty to utilize any building material wherever the same may have been directly quarried, cut, finished, manufactured, produced or purchased from whatever source except that nothing herein contained shall be construed to apply to materials produced or manufactured by convict labor.

Right of Employment

"d.—Entering into, making, adopting or enforcing any contracts, understandings, agreements, rules, regulations,

provisions, or resolutions of any kind or character in anywise restraining, hindering, prohibiting or otherwise preventing any of its members from engaging their respective services to any individual, firm, copartnership, or corporation engaged in the various industries mentioned by reason of the fact that such individual, firm, copartnership or corporation is not a member of such society, association or organization.

"e.—Entering into, making, adopting or enforcing any contracts, understandings, agreements, rules, regulations, provisions or resolutions of any kind or character, respecting the services of the defendant members, which in anywise accords or grants a preference respecting such services to any individual, firm, copartnership or corporation by virtue of the fact that such individual, firm, copartnership or corporation is a member of or belongs to any trade, employers' or contractors' society, association, or organization.

"f.—Entering into, making, adopting or enforcing any contracts, understandings, agreements, rules, regulations, provisions or resolutions whereby or whereunder the defendant members or any portion of them agree or are obliged to confine their respective services exclusively to any group of individuals who constitute or belong to a trade or employers' or contractors' society, association or organization.

"g.—Entering into, making, adopting or enforcing any contracts, understandings, agreements, rules, regulations, of any kind or character whereby and whereunder the defendant members are restrained, prohibited, hindered or otherwise prevented from engaging their services upon any structure, or building in or about which they are to force the collection of a debt, or an alleged indebtedness due from the owner, architect or builder to any individual, firm, copartnership or corporation, or any defendant member, save and except that nothing herein contained shall be deemed as restraining or enjoining the defendant members from releasing their services for or in behalf of any firm or corporation, which has, or which is alleged to have defaulted in the payment of such debts, or services for services rendered by them.

Append Decree to Union Constitution

The decree also directs the defendants to furnish each local union with three copies of the decree and to read the same at the next regular meeting, and further that a copy of the decree be printed and appended to the constitution and by-laws of the Bricklayers', Masons' & Plasterers' International Union of America and to all constitutions hereafter adopted, printed or promulgated."

This is the first time since 1893, when the Government enjoined a general tie up of interstate traffic in the port of New Orleans and 1894 when it enjoined the railroad carriers that a district attorney has bestirred himself to restrain combinations of workers and of workers and employers which restricted free flow of the products of other workers and employers in the markets of interstate commerce. It is a good sign that the Government has taken action. It is a good sign that the bricklayers' union brought well enough of the action to consent to the entry of a decree. We hope the precedent will impress itself upon the minds of other district attorneys and other trade unions and employers' associations and especially upon the public. The Hoyt cases which the league has prosecuted through the Supreme Court of the United States have established the fact that the public is not helpless to protect itself against the restrictive and monopolistic practices of labor unions and employers' trade associations, but if the law is to be set in motion the public must show its demand for such protection.

Building News Section

APARTMENT HOUSES

Contract Awarded.
APARTMENTS. Cost, \$12,000
OAKLAND, Cal. N 25th St 500 E
Telegraph Ave.
Two-story frame 6-room apartments.
Owner—B. H. Dean, Federal Bldg.,
Oakland.
Contractor—Harry C. Knight, 388 12th
St., Oakland.

Contract Awarded.
APARTMENTS. Cost, \$11,125
OAKLAND, Alameda Co., Cal. N 20th
St 100 W Telegraph Ave.
Two-story and basement frame (12-
room) apartments and store.
Owner—L. A. De Mers, 158 Jean St.,
Oakland.
Architect—None.
Contractor—John Vaughn, 1124 Ham-
pel St., Oakland.

Contract Awarded.
APARTMENTS. Cost, \$17,500
SAN FRANCISCO. SE Hugo and 6th
Ave.
Three-story and basement frame (9)
apartments.
Owner—Jas. K. Fraser, 1238 6th Ave.,
San Francisco.
Architect—None.
Contractor—Fraser & Son, 1238 6th
Ave., San Francisco.

Contract Awarded.
APARTMENTS. Cost, \$31,350
SAN FRANCISCO. N Balboa 87-6 E
19th Ave.
Two-story and basement frame (8)
apartments.
Owner—V. Onorato, 1580 Hayes St.,
San Francisco.
Architect and Contractor—A. M. Har-
dy, 518 24th Ave., San Francisco.

Contract Awarded.
APARTMENTS, ETC. Cost, \$22,000
BERKELEY, Alameda Co., Cal. No.
1850-60 Solano St.
Two-story frame (22-room) apartment
house and store.
Owner—E. I. Furtado.
Architect—None.
Contractor—E. A. F. Carson, 512 4th
St., Richmond.

Plans Being Prepared.
APARTMENTS. Cost, \$—
SAN FRANCISCO. Cor. Taylor and
Jackson Sts.
Two 2-story frame and plaster apart-
ment house (8 4 and 5-room
apartments each).
Owner—Jos. Bauer, Wigwam Theatre,
2555 Mission St., San Francisco.
Architect—H. H. Guttererson, 278 Post
St., San Francisco.

Contract Awarded.
APARTMENTS. Cost, \$10,000
SAN FRANCISCO. N Balboa 63 E 15th
Ave.
Two-story and basement frame (4)
apartments.
Owner—Mary A. Carr, 357 22nd Ave.,
San Francisco.
Architect—C. O. Clausen, Hearst
Bldg., San Francisco.
Contractor—McIntosh Bros., 180 Jessie
St., San Francisco.

Contract Awarded.
APARTMENTS. Cost, \$10,000
OAKLAND, Cal. S Chabot Rd 460 E
College Ave.
Two-story 12-room frame apartments.
Owner—Mrs. Mary A. Pallet, San Jose.
Contractor—M. L. Brash, American
Bank Bldg., Oakland.

Contract Awarded.
APARTMENTS. Cost, \$225,000
SEATTLE, Wash. SE Howell and Beir-
mont Sts.

Six-story and basement brick and steel
(63 2-room and 33 3-room) apart-
ments.
Owner—L. C. Tronheim.
Architect—J. A. Cretzer, Leary Bldg.,
Seattle.
Contractor—Pacific States Construc-
tion Co., Chisholm Block, Seattle.

Contract Awarded.
APARTMENTS. Cost, \$26,700
SAN JOSE, Santa Clara Co., Cal. 3rd
St. near William
Two-story frame apartment house (9)
apts.
Owner—Floyd E. Weaver, 78 Fuller St.,
San Francisco.
Architect—Hutchinson & Mills, Albany
Bldg., Oakland.
Contractor—A. J. Bowen, 68 Fuller St.,
San Jose.

Segregated Figures Being Taken.
APARTMENTS. Cost, \$40,000
SAN FRANCISCO. Pine and Joyce Sts.
bet. Powell and Stockton.
Three-story frame and plaster apart-
ment house (18 2 and 3-room appts.)
Owner—Minna D. Fischel.
Architects—G. S. Ashby and A. J. Ev-
ers, 58 Sutter St., San Francisco.

BANKS

Contractor to Take Sub-Figures This
Week.
BANK. Cost, \$100,000
SAN FRANCISCO. Seventh Ave. and
Clement St.
One-story Class B branch bank build-
ing.
Owner—S. F. Savines and Loan So-
ciety.
Architect—Herbert Schmidt, 251
Kearny St., San Francisco.
Contractor—Chas. W. Heyer, Mills
Bldg., San Francisco.

Low Bidder.
BANK. Cost, approx. \$18,000
LAKEPORT, Lake Co., Cal.
concrete bank building.
Owner—Bank of Lake.
Architect—Morrow & Garren, Chron-
icle Bldg., San Francisco.
Low Bidder—Bordwell & Zimmerman,
Calistoga, Cal.

Terra Cotta Contract Awarded.
BANK. Cost, \$—
SACRAMENTO, Cal. SW Sixth and K
Streets.
One-story Class A bank building.
Owner—Bank of Italy.
Architect—Geo. C. Sellen & Co., Mitau
Bldg., Sacramento.
Contractor—E. E. Parker Co., Clunie
Bldg., San Francisco.
The terra cotta contract has been
awarded to N. Clark & Son, 116 Natoma
St., San Francisco, at approximately
\$24,000.

BONDS

SAN JOSE, Santa Clara Co., Cal.—
Election will be held July 7 in Pen-
tencia Union School District to vote
bonds of \$5,000 for school improve-
ments. Trustees of the district are: J. S.
Rodriguez Jr., Geo. Menzies, J. C.
Gordon, Maude Borchers and Albert M.
Foster.

SAN LUIS OBISPO, Cal.—Until July
1 bids will be rec. by Supervisors for
purchase of bond issues to finance
construction of sewer extensions, sep-
arate tank, bridges, culverts and pur-
chase of fire equipment.

EAST SAN DIEGO, Cal.—The \$260,-
000 water works bond issue failed to
carry at election June 20.

SALINAS, Monterey Co., Cal.—Bonds
of \$10,000 were voted at a recent elec-
tion in the Del Monte School District.
Proceeds of sale to finance construc-
tion of concrete school building.

MONTREY, Monterey Co., Cal.—
Bond of \$250,000 to finance school im-
provements were voted at recent elec-
tion in Monterey Union High School
District. Architects Norman R. Conlee,
16 Kearny St., San Francisco, and
M. A. Dean of Monterey are preparing
the plans.

POMONA, Cal.—Election will be
held shortly to vote bonds of \$20,000
for fire station, 1000 ft. of fire hose,
combination fire truck.

RICHMOND, Contra Costa Co., Cal.—
Council decides to hold election in No-
vember to vote bonds of \$265,000 to
finance construction of playgrounds,
swimming tank, baseball grounds and
extension to Public Library.

ELNORALE, Humboldt Co., Cal.—
Election scheduled to be held June 27
to vote bonds of \$100,000 for sewer im-
provements and \$20,000 for purchase
of park lands postponed by City Trust-
ees due to irregularity in advertising.

SAN RAFAEL, Marin Co., Cal.—Pro-
fessor W. Hart, employed by Board
of Education to make school building
survey and present school building
program, recommended purchase of
20-acre site at Eagle Rock in East
San Rafael for a high school; wrecking
of the B Street school, the Fourth Street
Grammar School and the High School;
and the building of an elementary
school at a cost of approximately
\$200,000 at Fourth and E Sts. The new
High School and site will cost about
\$250,000. The Board of Education pro-
poses to call an election to vote funds
of \$300,000 to finance the improve-
ments.

EXETER, Tulare Co., Cal.—Bonds of
\$150,000 voted in Exeter Union High
School District to finance construction
of new buildings.

CHICO, Butte Co., Cal.—Election will
be held July 21 in Colusa Union High
School District to vote bonds of \$6,000
for school improvements. Trustees of
the district are: T. H. Gaumer, W. H.
Compton, Val C. White, H. F. McGowan
and C. M. Brockman.

TRANQUILITY, Fresno Co., Cal.—
Election to vote bonds of \$10,000 in the
Tranquility Union School District to
finance new grammar school failed to
carry.

FRESNO, Fresno Co., Cal.—Trustees
of Sierra School District will call
election to vote bonds of \$16,000 to
build new school.

TONOPAH, Nevada—Bonds of \$35,000
have been voted to finance construction
of an addition to the high school.

FRESNO, Fresno Co., Cal.—Until
July 21 bids will be received by the
Supervisors for purchase of \$500,000 bond
issue of Santa Rosa High School
District; proceeds of sale to finance
construction of high school plans for
which are being completed by Archi-
tect W. H. Weeks, 369 Pine St., San
Francisco.

OAKDALE, Stanislaus Co., Cal.—City Trustees set July 31 as date to vote bonds of \$35,000 to finance construction of municipal hospital. Architects—Davis-Heller-Fearey Co., Delta Bldg. Stockton, have prepared preliminary plans.

CHURCHES

Plans Prepared.
CHURCH Cost, \$20,000
ARVIN, Kern Co., Cal.
One-story adobe brick, tile roof, church.
Owner—Congregational Church of Arvin.
Architect—C. C. Nourse, Los Angeles.

Plans Prepared.
SYNAGOGUE Cost, \$100,000
PORTLAND, Ore., 13th and Main Sts.
Three-story brick and stone Synagogue house, 100x64.
Owner—Beth Israel Synagogue House, Architect—Sutton & Whitney, Lewis Bldg., Portland, Ore.

FACTORIES & WAREHOUSES

Bids Opened.
FACTORY Cost, \$—
VALLEJO, Solano Co., Cal. Napa St.
One-story reinforced concrete factory 125x62.
Owner—Western Die Casting Co., Berkeley, Cal.
Architect—C. E. Perry Jr., P. O. Box 656, Vallejo.

The following bids were received on June 22:
Teixeira Lumber Co., Vallejo, \$25,000.
W. G. McGinty & Son, Oakland, \$2,387.
David Pagonini, Vallejo, 32,500.
Jas. P. McClanahan, S. F., 37,450.
P. F. Reilly, San Francisco, 42,648.

Contract Let.
WHOLESALE BLDG. Cost, \$300,000
PORTLAND, Ore., Irving St. bet. 13th and 14th Sts.
Eight-story reinforced concrete wholesale building.
Owner—Meier & Frank, 5th and Morrison Sts., Portland, Ore.
Architect—Sutton & Whitney, Lewis Bldg., Portland.
Contractor—Parker & Banfield, Columbia Bldg., Portland.

Completing Plans—Figures to Be Taken in About Two Weeks.
FACTORY Cost, \$100,000
SAN FRANCISCO, Cal. N. Polson bet. Second and Third Sts.
Three-story and basement mill constructed candy factory building (reinforced concrete walls).
Owner—Louis R. Lurie.
Architect—N. W. Sexton, Chronicle Bldg., San Francisco.

As reported before, the grading and bulkheading has been awarded to the Atlas Concrete Co., 150 Jessie St., at \$2300.

Plans Being Prepared.
FACTORY Cost, \$—
SAN FRANCISCO, Bryant near Second St.
Three-story reinforced concrete factory building.
Owner—Louis R. Lurie.
Architect—O'Brien Bros., 240 Montgomery St., San Francisco.

Plans Being Figured—Bids Close July 1, 1922.
WAREHOUSE Cost, \$80,000
PITTSBURG, Contra Costa Co., Cal.
One-story frame and corrugated iron warehouse 50x350 ft. with 87-ft. 5-story mill 20x40 in center.
Owner—California Bean Growers' Association, 120 Battery St., San Francisco.

Engineer—MacDonald Engineering Co., 119 California St., San Francisco.

All Bids Rejected—Work to Be Done by Days Labor.
FACTORY Cost, \$20,000
SAN FRANCISCO, San Bruno Road near Waterloo St.
One-story frame and corrugated iron factory.

Owner—P. Grassi Co., 135 Tehama St., San Francisco.
Architect—Willard & Hurt, 535 Mills Bldg., San Francisco.

Contract Awarded.
WAREHOUSE, ETC. Cost, \$12,000
YOUNTVILLE, Napa Co., Cal.
Warehouse, railroad tracks and dehydrator.
Owner—D. A. Dunlap, Yountville.
Architect—Not Stated.
Contractor—F. A. Younger, Napa.
The dehydrator will be erected by the Progressive Dehydrator Co. of San Francisco.

PORTLAND, Ore.—Chief Eng. Hegerd of Public Dock Commission preparing specifications for a ventilated storage building and a 350-ft. extension to Pier No. 1 and a pier shed to cover same, 150 ft. wide; ventilated storage building will be 120 ft. wide and 60 ft. high, of hollow tile construction. Modern equipment will be installed to keep temperature at 30 deg. above zero. Est. cost, \$300,000.

SACRAMENTO, Cal.—Chas. W. McKillop, district manager of the Pacific Gas and Electric Co., 445 Sutter St., San Francisco, announces an appropriation of \$150,000 which will improve the Sacramento gas plant, in addition to \$25,000 for extensions to the gas distributing system. New equipment will provide for increasing the capacity of gas generator sets. Two 250-hp. boilers and one 200-hp. steam driven compressor are included.

FRESNO, Fresno Co., Cal.—Thompson Bros., 1514 H St., Fresno, contractors, have purchased 17 acres of land at the intersection of Nielsen Ave. and the Southern Pacific Railroad and will construct a number of warehouses and approx. 12 miles of spur track. The company is engaged in street work, general construction, excavation and road building.

BAKERSFIELD, Kern Co., Cal.—Associated Oil Co. and Associated Supply Co., affiliated companies, will expend about \$60,000 for general supply and distributing station at 32nd and Chester Sts. on tract recently acquired from Kern County Land Co. The plant will include office bldg., warehouse, garage, oil tanks and service station. Fred L. Gribble has been let contract for warehouse, which will be 60x100 ft. of frame and conc. const., costing \$10,000.

SEATTLE, Wash.—More than \$500,000 will be expended in the plant of the Washington Iron Works, Seattle Blvd. and Norman St., Seattle, according to an announcement of Gerald Plink, president of the company. Three principal buildings to be erected consist of a steel and gray iron foundry 450 feet long by 150 feet wide; a machine and erecting shop 570 feet long by 120 feet wide; and a boiler shop 270 feet long by 80 feet wide. Other buildings comprising part of the new plant are a five-story pattern building of cement construction containing 30,000 square feet of floor area, a three-story brick office building 90 by 50 feet, a large shop 110 by 50 feet, a power plant 110 by 50 feet, a storehouse 60 by 200 feet, four stories in height, and a carpenter shop 50 by 100 feet.

Each of the structures will be of steel construction with tar, sand and gravel roofs with side walls of glass, except the pattern shop, which will be of steel and reinforced concrete.

Plans were prepared by Edward E. Ellis, structural engineer for the company.

YUBA CITY, Sutter Co., Cal.—Shell Oil Co. has completed plans and work will be started shortly on distributing plant to cost approx. \$25,000. Work will consist of erecting storage tanks and buildings, latter containing 30,000 sq. ft. floor space. Will install four tanks for refined oil, ten tanks for lubricating oils, in addition to other plant equipment.

FIREHOUSES AND JAILS

VALLEJO, Solano Co., Cal.—J. F. Wallace, painter, was awarded a contract by the City Council for the painting of the fire house on Sacramento St. Wallace's bid was \$243.75. Other bid submitted were: E. F. Shaffer, \$365; Vera and Castro, \$285; Jack Barnewith, \$375; Barnewitz Decorating Co., \$300.

FLATS

Contract Awarded.
FRAME FLATS Cost, \$10,000
OAKLAND, Alameda Co., Cal. E Rand St. opp. Wickson.
Two-story frame flats.
Owner—M. Schitel, 12th and Clay Sts., Oakland.
Architect—None.
Contractor—M. P. Rose, 940 Oxford St., Berkeley.

Contract Awarded.
FLAT BLDG. Cost, \$12,000
SACRAMENTO, Sacramento Co., Cal. No. 517-23 Twenty-seventh St.
Two-story frame flat building (4-rm. flats).
Owner—E. S. Berry, 1224 K St., Sacramento.
Architect—None.
Contractor—M. H. Bateman, 1627½ 18th St., Sacramento.

Contract Awarded.
FLATS Cost, \$13,000
SAN FRANCISCO, W. Mason 100 N. Green.
Two-story and basement frame (2) flats.
Owner—A. Barbagelaita, 1733 Mason St., San Francisco.
Architect—P. F. DeMartini, 946 Broadway, San Francisco.
Contractor—G. Chlappe, 454 Columbus Ave., San Francisco.

Plans Complete.
FLATS Cost, \$14,000
SAN FRANCISCO, W. 21st Ave 87-6 S Cabrillo.
Two-story and basement frame (2) flats.
Owner—W. F. Megannon.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.

Contract Awarded.
FLATS Cost, \$11,000
OAKLAND, Cal. N. 34th St 290 W Telegraph Ave.
Two-story frame 16-room flats.
Owner—P. McWaters, 880 35th St., Oakland.
Contractor—W. T. Whitford, 421 42nd St., Oakland.

Figures to Be Taken Friday.
FLATS Cost, \$12,000
SAN FRANCISCO, Fourteenth Avenue bet. Balboa and Cabrillo Sts.
Two-story frame flat building (2 flats).
Owner—Dr. Louis Constine.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

GARAGES

Sketches Being Prepared.
GARAGE Cost, \$—
OAKLAND, Cal. East of Lake Merritt.
One-story frame and reinforced concrete garage (2000 sq. ft.).
Owner—Not given.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Ready for Figures Friday.
GARAGE Cost, \$30,000
SAN FRANCISCO, SW Divisadero and Grove Sts.
One-story and mezzanine reinforced concrete garage, 100x100.
Owner—Frank Clark.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contract Awarded.
GARAGE Cost, \$12,250
OAKLAND, Alameda Co., Cal. SE E. 14th and 9th Ave.
Garage.

Owner—O. W. Johnson, 1521 Union St., Oakland.
Architect—None.
Contractor—Fred Hambleton, 3737 13th Ave., Oakland.

GOVERNMENT WORK AND SUPPLIES

Contract Awarded.
ALTERATIONS Cost, \$5184
SAN FRANCISCO. Crissy Field, Presidio of San Francisco, Cal.
Frame and stucco alterations to officers' quarters.
Owner—U. S. Government.
Architect—Owner.
Contractor—Fletcher & Warren, Vallejo.

SAN FRANCISCO.—J. W. Roberts, Superintendent of Construction and Repairs of U. S. Public Buildings, 1000 Office Bldg., 7th and Mission Sts., will receive bids until July 5, 1922, at noon, for a drinking fountain in the U. S. Customhouse, and on July 7, 1922, for four marble pedestals for the U. S. Customhouse.

WASHINGTON, D. C.—Following bids rec. by Bureau of Yards and Docks, Navy Department, under Spec. No. 4649, for fuel oil, Diesel oil, and gasoline storage at Balboa, Cristobal and Coco Solo, Canal Zone:

Item 1—Net price for the entire work complete, in accordance with the drawings and specifications.

Item 2—Amount to be added to the amount bid under Item 1 for one additional fuel oil tank of 50,000 bbls. capacity at tank site 62, Cristobal, with piping to existing oil manifold.

Item 3—Amount to be deducted from the amount bid under Item 1 for the omission of fuel oil tank at tank site 27, Cristobal, together with the omission of piping from this tank to the existing oil manifold.

Item 4—Amount to be deducted from the price bid under Item 1 for the omission of all work at Balboa.

W. B. Kyle, 645 Cal Bldg., San Francisco, Item 1, \$179,000; 180 days; 2, \$28,000; 3, 25,000; 4, \$50,000.

Donnell-Zane Co. Inc., 233 Broadway, New York City, Item 1, \$207,208, 240 days; 2, add \$33,363; 3, deduct \$28,688; 4, deduct \$58,595, 30 days.

Pittsburgh-Des Moines Steel Co., Curry Bldg., Pittsburgh, Pa., Item 1, \$190,730, 180 days; 2, \$32,310, 30 days; 3, \$28,900; 4, \$66,867.

H. E. Schenck, Panama, C. Z., Item 1, \$180,100; 2, \$31,400; 3, \$29,900; 4, \$58,400.

WASHINGTON, D. C.—Until July 6, 10:30 a. m., bids will be received by Panama Canal Commission, under Circular No. 1436, for furnishing and delivering Balboa, Pacific Port: Sheet Steel, Tool Steel, Iron or Steel Rope, Gauge Cocks, Wire Lath, Oars, Street Brooms, Varnish, Brushes, Pneumatic Tires, Washbuds, Water-closet Tanks, Bathtubs, Graphite Paint, Colors, Varnish, Ship Glue, Tar, Turpentine, etc.

MARE ISLAND NAVY YARD, Cal.—Public Works Department, Mare Island Navy Yard, has been authorized to purchase seven pieces for use in the transportation department; cost not to exceed \$10,000.

WASHINGTON, D. C.—Following bids rec. June 20 by Supervising Architect, Treasury Department, for lighting plant at the U. S. Veterans' Hospital, Whipple Barracks, Ariz.: G. E. Engineering Co. Inc., New York City, \$52,335, 150 days; American Fire Service Corp., New York City, \$61,000, 210 days; Mack & Mack, New York City, \$48,560, 165 days.

WASHINGTON, D. C.—Following bids rec. June 20 by Supervising Architect, Treasury Department, for sewage plant at U. S. Veterans' Hospital, Tucson, Ariz.: George E. Wright Inc., Chicago, \$24,200; Pearce Engineering Co., Tucson, Ariz., \$27,735; G. E. Engineering Co. Inc., New York City, \$25,800; Littlejohn & Hudson, 821 15th St., N. W., Washington, \$17,400.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, preparing Specification No. 4684 for circulating loop at Mare Island Navy Yard.

WASHINGTON, D. C.—Following awards of contract have been made by the Bureau of Yards and Docks, Navy Department for the week ending June 21:

Specification 4624, San Diego, Calif., mooring dolphins and timber pier, Fred W. Steffen, 428 Timkin Bldg., San Diego, Calif., Item 1, \$66,015, time 169 days; 4, also accepted at \$1,041.

Specification 1669, Tiburon, Calif., dredging, American Dredging Co., 225 California St., San Francisco, Item 1, 24,750 cu. yd. estimated, \$9,900.

Specification 465, San Diego, Calif., extensions of concrete bulkhead, Ross Constr. Co., Van Nuys Hotel, Los Angeles, Calif., Item 1, \$69,644, 120 days. Specification 461, San Diego, Calif., landing platform, Fred W. Steffen, 428 Timkin Bldg., San Diego, Calif., Item 1, \$23,377, 120 days.

Specification 4581, San Diego, Calif., hangar and oil storehouse, G. E. Engineering Co. (Inc.), 449 W. 42nd St., New York City, \$243,500, 240 days.

Specification 4639, Pearl Harbor and Heli, extensions to power houses, D. B. Cummings, Heli, T. H., \$29,680.

Specification 4637, Mare Island, Calif., 2 450-ft. radio towers, Donnell-Zane Co. Inc., 233 Broadway, New York City, \$79,310, time 240 days; Item 6 also accepted, 7.75c and 4.5c lb.

The Chief of the bureau of yards and docks, Navy Department, Washington, wants bids July 1, for specification 4659, for steel shelving and bins for storehouse, San Diego, Calif.

SAN FRANCISCO.—Until July 5, 11 a. m., bids will be rec. by U. S. Engineer Office, 240 Montgomery St., under Order \$807, for fur, and del. 5 tons (2000 lbs. ea.) blacksmith coal, delivered wharf, Rio Vista, Solano County.

FORT MASON, Cal.—Hannah Bros., 142 Sansome St., were awarded a contract at \$3883 by the Constructing Quartermaster, Fort Mason, for repair work to roads, gutters, etc. at Crissy Field, Presidio of San Francisco. Hannah Bros. (1) \$3883; (2) \$650; (3) \$604.50; (4) \$974.25; (5) \$5.00. John Boland, (1) \$—; (2) \$1500; (3) \$450; (4) \$500; (5) \$1.00.

FORT MASON, Cal.—Bids were received on June 27 by the Constructing Quartermaster at Fort Mason for painting buildings at Fort Mason. The contract was awarded to the Progressive Painting Co. Bids were taken as follows: (1) Sheds and wharves Nos. 1 and 3, and buildings Nos. 39 to 44. (2) Warehouses A, B, C and D. (3) Warehouse B. Progressive Painting Co., (1), \$736; (2) \$153; (3) \$519. C. De Marta, (1) \$2529; (2) \$250; (3) \$420. R. Zelinsky, (1) \$1260; (2) \$199; (3) \$800.

FORT MASON, Cal.—Bids were received as follows on June 23 for frame and stucco alterations to officers' quarters at Crissy Field, Presidio of San Francisco, Calif.: Fletcher & Warren, Vallejo, \$8,184; Hannah Bros., San Francisco, \$8,890; A. Wegner, San Francisco, \$9,935; John Morton, San Francisco, \$10,933; Elliott & Grant, \$10,933.

FORT MASON, Cal.—Bids were received as follows on June 22 by the Constructing Quartermaster at Fort Mason for the construction of a frame vocational training building to be erected at Fort McDowell, Angel Island. The contract was awarded to Fletcher & Warren, Vallejo, \$5560; John Morton, San Francisco, \$6325; A. Wegner, San Francisco, \$6550; Schlitz Constr. Co., S. F., \$7412; Elliott & Grant, \$8551.

SAN FRANCISCO.—Bids were received as follows on June 26 by J. W. Roberts, Superintendent of Construction and Repairs, U. S. Engineering Co., Inc., for the construction of a pump house, pump equipment and fire protection system at the Marine Hospital, San

Francisco. All bids were taken under advertisement. Engineering Structures Co., San Francisco, \$21,950; Schlitz Constr. Co., S. F., \$23,500; Burnham Plumbing Co., S. F., \$23,950; Turner Co., San Francisco, \$26,600; Barrett & Knight, San Francisco, \$1,300.

HALLS AND SOCIETY BUILDINGS

Contract Awarded.
ADAMSBY, ETC. Cost, \$28,000
FRESNO, Fresno Co., Cal. No. 1491
Wishon Ave.
Dwelling and dancing academy.
Owner—C. H. Severance.
Architect—None.
Contractor—W. F. Jennings, 3301 Iowa St., Fresno.

Plans Being Prepared.
LODGE BLDG. Cost, \$85,000
SAN JOSE, Santa Clara Co., Cal.
Four-story and basement reinforced concrete store and bridge building.
Owner—Knights of Columbus.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.

Working Drawings Being Prepared.
CLUB BLDG. Cost, \$100,000
SAN FRANCISCO, Turk and Polk Sts.
Two-story steel and concrete club building and boxing arena.
Owner—Golden Gate Post No. 40, American Legion.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Site Selected.
LODGE BLDG. Cost, \$100,000
MODESTO, Stanislaus Co., Cal. 13th and Eye Streets.
Three-story fireproof store and lodge building, 50x140.
Owner—Elks Hall Association, Modesto.
Architect—Not given.

Plans Being Prepared.
MAUSOLEUM Cost, \$10,000
SAN MATEO COUNTY, Holy Cross Cemetery.
Granite, marble and concrete mausoleum with bronze doors, etc.
Owner—Not given.
Architect—Albert Fabre, 110 Sutter St., San Francisco.

Plans Being Prepared.
ANNEX Cost, \$—
SAN FRANCISCO, N Oak St W Van Ness Ave.
Annex to present lodge building.
Owner—Young Men's Institute.
Architect—Shea & Shea, Chronicle Bldg., San Francisco.
Figures to be taken Next Week.
LODGE BLDG, ETC. Cost, \$50,000
VALLEJO, Solano Co., Cal. Georgia & Main Streets.
Three-story brick and hollow tile bank and lodge building.
Owner—L. O. O. F.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Figures will be taken for a general contract. Reed & Corlett, Oakland Bk of Savings Bldg., Oakland, are the architects for the bank.

Plans Being Prepared.
LODGE BLDG. Cost, \$300,000
LOS ANGELES, Los Angeles Co., Cal. 11th and Flower Sts.
Three-story and basement Class A reinforced concrete store and lodge building.
Owner—Odd Fellows Hall Association.
Architect—Morgan, Wallis & Morgan, 1124 Van Nuys Bldg., Los Angeles.

WEAVERVILLE, Trinity Co., Cal.—The County Supervisors have approved plans by C. F. Mau for the proposed memorial building to be erected on the site of the old Gibson Hall. Est. cost \$12,000. Bids will be called for immediately.

HOSPITALS

Contract Awarded.
ANNEX Cost, \$200,000
OAKLAND, Alameda Co., Cal. Moss & Broadway.

Four-story reinforced concrete maternity annex for hospital.
Owner—Rancho Hospital Association.
Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—P. J. Walker Co., Monadnock Bldg., San Francisco.

Plans Being Prepared.
COST, \$700,000
OAKLAND, Cal., Webster and Summit Sts.
Fireproof hospital.
Owner—Providence Hospital Association.
Architect—Name withheld for present.

FRESNO, Fresno Co., Cal.—Fresno County Supervisors are planning improvements at County Hospital. In addition to enlarging the main structures it is proposed to provide a psychopathic ward. D. M. Barnwell, county clerk.

AHWAHNEE, Madera Co., Cal.—Until July 15, 11 a. m., bids will be received by T. J. Cronin, secretary, Tri-County Tuberculosis Hospital Committee, Alhambra Sanitarium, for furnishing and delivering one Victor-Burdick De Lux model quartz lamp, air cooled, and one Victor-Burdick De Lux model quartz lamp, water cooled, for local treatment, with accessories. Further information on request.

AHWAHNEE, Madera Co., Cal.—Until July 15, 11 a. m., bids will be received by T. J. Cronin, secretary, Tri-County Tuberculosis Hospital Committee, to construct hospital addition; nurses' home addition; 10-bed unit; vocational building and dairy barn. See call for bids under official proposal section in this issue.

FRESNO, Fresno Co., Cal.—Until July 15, 2 P. M., bids will be received by D. M. Barnwell, county clerk, for furnishings, etc., for Nurses' Home at the County Hospital grounds. Specifications may be had from the Clerk.

HOTELS

Plans Being Prepared.
COST, \$—
MISADERO, San Mateo Co., Cal.
Two-story frame hotel.
Owner—Not given.
Architect—O'Brien Bros., 240 Montgomery St., San Francisco.

Plans Being Prepared—Contract Awarded.
HOTEL BLDG. COST, \$250,000.
SANTA BARBARA, Santa Barbara Co., Cal.
State St. bet. Cola and Ortega Sts.
Four-story brick store and hotel building, 115x150 (150 rooms).
Owner—Mission Hotel Co., Alex E. Bern, President.
Architect & Contractor—Milwaukee Bldg. Co., Wright & Callender Bldg., Los Angeles.

Plans Being Prepared—Contract Awarded.
HOTEL BLDG. COST, \$200,000.
PASADENA, Los Angeles Co., Cal.
N. W. Madison Ave. and Herkimer St.
Five-story and basement steel frame and brick hotel building (130 rooms).
Owner—E. H. Turner & A. B. Stevens and Associates.
Architect & Contractor—The Littleton Co., 608 S. Colorado St., Pasadena.

Plans Being Prepared.
HOTEL COST, \$650,000.
SANTA MONICA, Los Angeles Co., Cal.
San Vicente Blvd. and Seventh St.
Class A reinforced concrete hotel.
Owner—Company being formed.
Architects—John & Donald Parkinson, 420 Park Inn Bldg., Los Angeles.
Dr. F. J. Wagner and F. E. Pandey of Santa Monica will appoint a committee to conduct the campaign for raising funds.

Plans Being Prepared.
HOTEL COST, \$400,000.
SANTA BARBARA, Santa Barbara Co., Cal.
Carpenter and Chapala Sts.
Five-story fireproof hotel (150 rooms).
Owner—Company Being Formed.

Architect—Marston & Van Telt, 600 Chamber of Commerce Bldg., Pasadena.
Supt. of Constr.—John M. Williamson.
It will be leased and furnished by El Encanto Hotel Co., with Claude Oppert as manager. Among the directors are: J. I. Eisenberg, E. C. Tallent, S. W. Hubbard, Scott Boyd and Edward A. Di-hill.

Plans Being Prepared. COST, \$200,000.
HOTEL.
SAN PEDRO, Los Angeles Co., Cal.
Sixth and Mesa Streets.
Four-story Class A hotel building, 100 x130 (150 rooms and 5 stores).
Owner—J. D. Thompson.
Lessor—Lloyd Thompson of San Pedro.
Architect—Wm. F. Bowen, Union League Bldg., Los Angeles.

POWER PLANTS

CALIFORNIA.—The State Railroad Commission has authorized the Pacific Gas and Electric Co., 445 Sutter St., San Francisco, to construct the proposed Spring Gap hydro-electric plant in the Middle Fork of the Stanislaus River. The plant will cost approximately \$975,000.

MODESTO, Stanislaus Co., Cal.—Modesto and Turlock Irrigation Districts will construct joint transmission line from Don Pedro electric plant to Keyes, in Turlock District. From this point the two districts will run their distribution lines throughout the territory to be served by the power and light lines. The Modesto District has \$298,000 in unsold bonds to provide for the building of the main transmission lines, transformers, etc. Percy Jones, chief engineer for Modesto and R. V. Meikle, chief engineer for Turlock district.

CALIFORNIA.—Great Western Power Co. of California has been given authority by Railroad Commission to use not exceeding \$1,653,073.19 in sale of \$2,000,000 bonds, previously authorized, for extensions, additions and betterments. This company was also authorized to sell \$2,000,000 par value paid stock at not less than \$1. for similar work not already financed through bond issues.

PUBLIC BUILDINGS

SAN FRANCISCO.—A. Lettich at \$3074 awarded contract by Board of Public Works to construct toilet rooms in Civic Center Auditorium.

EUREKA, Humboldt Co., Cal.—Until July 5, bids will be received by John Griffith, City Superintendent of Public Works, for furnishing and delivering f. o. b. steamer dock Pier 7, San Francisco, 40,000 lbs. of Standard Lump Sulphate of Alumina to contain not less than 17½% more than ½ of 1% iron in bags of 250 lbs. each, paper lined.

BAKERSFIELD, Kern Co., Cal.—Until July 3, 3 p. m., bids will be received by V. Van Hiper, city clerk, for fur and installing steel, counter height, filing sections for office of city clerk and auditor. Spec. on file in office of city clerk.

FRESNO, Fresno Co., Cal.—Due to protests of the City Planning Commission and the Rotary Club, the Fresno County Supervisors has decided to make no provision in the next tax levy for the proposed additions to the county Courthouse. No further action will be taken in the matter for at least two years.

ALAMEDA, Alameda Co., Cal.—Until July 5, 8 p. m., bids will be received by W. E. Varcoe, city clerk, to erect tank and tower in Franklin Park. Spec. may be had from Supt. of Parks, City Hall.

RESIDENCES

Contract Awarded.
7 DWELLINGS COST, \$28,000.
SAN FRANCISCO. E 48th Ave., 150, 175-9, 201-6, 227-3, 253, 278-9 and 304-2 N. Fulton St.
Seven 1-story and basement frame dwellings.
Owner—Nellie G. Barry, 871 47th Ave., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Contractor—Thos. F. Barry, 871 47th Ave., San Francisco.

To Be Done by Day's Work.
8 DWELLINGS COST, \$17,600.
OAKLAND, Cal. W 39th Ave., 90, 150, 185, 215, 245, 280, 315 N. Mera; and N. Mera St. 75 W 39th Ave.
Eight one-story 5-room dwellings.
Owner—E. M. Marguis, 2827 Russell St., Berkeley.

Contract Awarded.
RESIDENCE COST, \$19,000.
SAN FRANCISCO. N. Vallejo 60 E Broderick.
Two-story and basement frame and plaster residence (9 rooms).
Owner—Walter Haas, Phelan Bldg., San Francisco.
Architect—C. O. Gottschalk, Phelan Bldg., San Francisco.
Contractor—Fink & Schindler Co., 226 12th St., San Francisco.

Plans Being Figured.
RESIDENCE COST, \$10,000.
OAKLAND, Cal. Benvenue Ave.
Two-story frame and plaster residence.
Owner—Not given.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Ready to Take Figures Thursday.
RESIDENCE COST, \$15,000.
OAKLAND, Cal. Sheridan Ave.
Two-story frame and plaster residence.
Owner—Not given.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Plans Being Prepared.
8 RESIDENCES \$11,000 to \$13,000 ea.
SAN FRANCISCO. Taylor St. near Jackson.

Six 2-story frame and stucco terraced residences (6 rooms and 2 bathrooms each).
Owner—Not given.
Architect—Ernest Hildebrand, 110 Sutter St., San Francisco.

Figures to Be Taken Next Week.
RESIDENCE COST, \$16,000.
SAN ANSELMO, Marin Co., Cal.
Hollow brick 7-room residence.
Owner—Not given.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Plans Being Figured—Bids Close June 30, 1922.
RESIDENCE COST, \$25,000.
OAKLAND, Cal. Hillside Ave.
Two-story frame and plaster residence.
Owner—R. C. Warner.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Plans Being Figured.
RESIDENCE COST, \$10,000.
ALAMEDA, Alameda Co., Cal.
One-story frame residence (7 rooms).
Owner—Mr. Coogan.
Architect—S. B. and Noble Newsom, Nevada Bank Bldg., San Francisco.

Plans Being Prepared.
2 COTTAGES COST, \$4000 each.
OAKLAND, Cal. Manilla St. near 49th.
Two one-story frame cottages, 4 and 5 rooms.
Owner—Not given.
Architect—Ashley & Evers, 58 Sutter St., San Francisco.

Figures to Be Taken Next Week.
RESIDENCE COST, \$12,600.
PALO ALTO, Santa Clara Co., Cal.
Hamilton Avenue.
Two-story frame and plaster residence.
Owner—Jesse Whitehead.
Architect—John K. Branner, 251 Kearny St., San Francisco.

Contract Awarded.
DWELLING Cost, \$15,200
PIEDMONT, Alameda Co., Cal. Lot 39
 Crocker Terrace.
 Frame dwelling and garage.
 Owner—T. M. Earl, 2909 Illinois St., Berkeley.
 Architect—John Hudson Thomas, First Natl. Bank Bldg., Berkeley.
 Contractor—Louis O. Hansson, 1409 Bonita Ave., Berkeley.

Plans Being Figured.
RESIDENCE Cost, \$15,000
PALO ALTO, Santa Clara Co., Cal.
 Stanford University Grounds.
 Two-story frame and stucco residence with tile roof (10 rooms and garage).
 Owner—Prof. C. F. Tolman Jr., 6 Alvarado, Palo Alto, Cal.
 Architect—John K. Branner, 251 Kearny St., San Francisco.

Figures to Be Taken Next Week.
RESIDENCE Cost, \$10,000
STOCKTON, San Joaquin Co., Cal.
 Hours Park.
 Two-story seven-room frame residence.
 Owner—Dr. Nelson Katz.
 Architect—Ralph P. Morrell, 1 O. O. F. Bldg., Stockton.

Contract Awarded.
RESIDENCE Cost, \$16,663
LODI, San Joaquin Co., Cal. West
 Pine St.
 Two-story frame and stucco residence with clay tile roof.
 Owner—S. H. Zimmerman, Lodi, Calif.
 Architect—Ralph P. Morrell, 1 O. O. F. Bldg., Stockton.
 Contractor—H. H. Hennings.

Plans Being Prepared—Figures to be Taken in Two Weeks.
RESIDENCE Cost, \$15,000
SAN FRANCISCO. Divisadero & Union Streets.
 Two-story and basement frame and stucco residence (10 rooms, 2 bathrooms and garage).
 Owner—Mrs. Margaret Butler.
 Architect—August G. Headman, Cal. Bldg., San Francisco.

Contract Awarded
DWELLING Cost, \$10,000
OAKLAND, Cal. W. Staten Ave. 195 S. Palm.
 Two-story frame 8-room dwelling.
 Owner—Mrs. E. Swartzbaum, 415 Euclid Ave., Oakland.
 Architect—Claude B. Barton, 364 Staten Ave., Oakland.
 Contractor—J. C. A. Doss, 2029 E 15th St., Oakland.

Contract Awarded.
RESIDENCE Cost, \$12,000
SAN FRANCISCO. SW Cherry and Washington Sts.
 Owner—E. J. Dinkelspiel, 142 Laurel St., San Francisco.
 Architect—Walter C. Falch, Hearst Bldg., San Francisco.
 Contractor—Conlan & Klein, 1736 Filbert St., San Francisco.

Plans Being Prepared—To Be Done by Day's Work.
DWELLING Cost, \$7000
 Forty 1-story frame 5 and 6-room dwelling.
 Owner—E. A. Jansson, Hearst Bldg., San Francisco.
 Architect—Not given.

Plans Being Prepared.
SCHOOL BLDGS. Cost, \$30,000
MADERA, Madera Co., Cal.
 Three one-story school buildings.
 Owner—Madera City School District.
 Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

Plans Being Prepared
GYMNASIUM Cost, \$ —
GILROY, Santa Clara Co., Cal.
 Gymnasium.
 Owner—Gilroy High School District.
 Architect—Wyckoff & White, Growers' Bank Bldg., San Jose.
 A new election will be held in the near future.

Plans to Be Refigured Immediately.
ADDITION Cost, \$ —
STOCKTON, San Joaquin Co., Cal.
 North School.
 Addition to School.
 Owner—Stockton Board of Education.
 Architects—Davis-Heller-Pearce Co., Delta Bldg., Stockton.

Revised Plans Ready for Figures.
SCHOOL Cost, \$20,000
STOCKTON, San Joaquin Co., Cal.
 Remodel Grant School.
 Owner—City of Stockton.
 Architect—Franklyn E. Warner, Belding Bldg., Stockton.

Plans Being Figured.
SCHOOL Cost, \$140,000
STOCKTON, San Joaquin Co., Cal. Burkett Acres.
 Class C 13-room and assembly hall school (corridors to be of Class A construction).
 Owner—City of Stockton.
 Architect—Franklyn E. Warner, Belding Bldg., Stockton.
 Plans may be obtained from the architect's office.

Contract Awarded.
GENERAL EQUIPMENT Cost, \$16,949
OAKLAND, Alameda Co., Cal. Hamilton Junior High School, 35th and Galindo Sts.
 General equipment work for school.
 Owner—Oakland Board of Education.
 Architect—C. W. Dickey, 2149 Broadway, Oakland.
 Contractor—Schnebly & Hostrawser, Oakland.

Contract Awarded.
SCHOOL Cost, \$100,000
SEATTLE, Wash. 58th St. bet. 14th and 15th Aves.
 Three-story and basement brick, mill and concrete school, 58x199 (21 classrooms).
 Owner—St. Alphonsus Parish.
 Architect—Lundberg & Mahon, Lyon Bldg., Seattle, Wash.
 Contractor—Chas. H. Schaar, 721 21st Ave., Seattle, Wash.

Commissioned to Prepare Plans.
GYMNASIUM Cost, \$ —
BERKELEY, Alameda Co., Cal. U. of C. Campus.
 Fireproof gymnasium to be known as Hearst Hall (to replace the structure recently destroyed by fire).
 Owner—University of California.
 Architect—Eberhard Maybeck, Lick Bldg., San Francisco.
 Mr. Hearst has asked permission of the Regents of the University to have Mr. Maybeck prepare the plans for the Hearst Hall, which he will rebuild in memory of his mother.

Contract Awarded.
ALTERATIONS Cost, \$12,700
ALBANY, Alameda Co., Cal. SE 12th and Poplar Sts.
 Alter two-story flat building for College School.
 Owner—Oakland Board of Education.
 Architect—C. W. Dickey, 2149 Broadway, Oakland.
 Contractor—F. W. Maurice, 1362 E 25th St., Oakland.

Plans Being Figured—Bids Close Aug 2, 1922, 9 A. M.
HALL Cost, \$ —
BERKELEY, Alameda Co., Cal. U. of C. Campus.
 Two-story, basement and attic reinforced concrete Haviland Hall, 186 by 70.
 Owner—University of California.
 Architect—John Galen Howard, 1st National Bank Bldg., San Francisco.
 Plans may be obtained for the Architect. A deposit of \$100 is required.
 See Call for bids under Official Proposals.

Plans Being Figured—Bids Close July 24, 1922, 9 A. M.
MECHANIC'S BLDG. Cost, \$ —
BERKELEY, Alameda Co., Cal. U. of C. Campus.
 One-story reinforced concrete structure, 40x80 (first unit of new mechanics building).
 Owner—University of California.
 Architect—John Galen Howard, 1st National Bk. Bldg., San Francisco.
 Plans may be obtained from the Architect. A deposit of \$50 is required.
 See call for bids under Official Proposals.

Plans Being Figured.
 Bids Close July 17, 1922, 8 p.m.
SCHOOL BLDG. Cost, \$15,000
MANTACA, San Joaquin Co., Cal.
 One-story frame and plaster Home Economics building.
 Owner—Manteca Union High School District.
 Architect—Davis-Heller-Pearce Co., Delta Bldg., Stockton.

Figures are being taken for a general contract, and plans may be obtained from the architects.

Plans Being Figured—Bids Close July 8, 1922.
SCHOOL Cost, \$40,000
IRVINGTON, Alameda Co., Cal.
 One-story frame and plaster school (6 rooms and an auditorium).
 Owner—Irvington Grammar School District.
 Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
 Figures are being taken for a general contract.

Plans Being Prepared.
ADDITIONS Cost, \$ —
TAFT, Kern Co., Cal.
 Additions to high school.
 Owner—Taft Union High School District.
 Architect—W. H. Weeks, 369 Pine St., San Francisco.

Immediate building plans include new locker rooms, girls' rest room and a garage large enough to house the school busses. By the first of the year, it is hoped to complete the machine and auto shop and the 198 thousand dollar gymnasium, for which the largest part of the funds will be used.

Plans Being Prepared.
SCHOOL Cost, \$250,000
LOS ANGELES, Los Angeles Co., Cal. Arlington St. near Pico.
 Brick and concrete school buildings (3-st. main bldg., 160x50; children's bldg., 200x50; chapel, 50x140 and transept, 30x80).
 Owner—Roman Catholic Archbishop (Home of the Good Shepherd).
 Architect—Albert C. Martin, 430 Higgins Bldg., Los Angeles.

Plans Being Completed—Bonds Voted.
SCHOOL Cost, \$10,000
DEL MONTE, Monterey Co., Cal.
 Concrete school building.
 Owner—Del Monte School District.
 Architect—Paul V. Tuttle, 565 Light House Ave., Pacific Grove.

Contract Awarded.
GYMNASIUM Cost, \$40,480
GONZALES, Monterey Co., Cal.
 One-story frame and plaster gymnasium.
 Owner—Gonzales Union High School District.

SCHOOLS

Contract Awarded.
SCHOOL Cost, \$4397
MARICOPA, Kings Co., Cal.
 One-room frame school.
 Owner—Faieto School District.
 Architect—J. M. Saffell, 924 19th St., Bakersfield.
 Contractor—Fred L. Gribble, 930 17th St., Bakersfield.
 Other bidders were:
 A. Zimmerman, Bakersfield, \$5693
 Isaac & Son, Shafter, 4975
 Fred L. Gribble was also awarded a contract for the grand stand at the Maricopa High School Ball Park, and alterations in the school buildings, at \$134.50.

A. E. Leitch Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Cobby & Owsley, 180 Jessie St., San Francisco.

FRESNO, Fresno Co., Cal.—Until July 6, 2 p.m., bids will be rec. by Geo. C. Christensen, clerk Bowles School District, for additions and alterations to Bowles School. E. W. Peterson, architect, Cory Bldg., Fresno. **See call for bids under official proposal column in this issue.**

SUNNYVALE, Santa Clara Co., Cal.—Trustees of West Side Union High School District, which district includes Cupertino and Sunnyvale, will meet with Trustees of Mountain View High School District, to discuss the formation of a union high school district. Should the district be organized and election will be called to vote bonds to effect construction of a union high school.

PALO ALTO, Santa Clara Co., Cal.—Bids will be received by A. C. Barker, Secretary of the Board of Education of Palo Alto, at 542 Channing Ave., until 7:30 A. M., on July 6, 1922, for school architecture. **See call for bids under Official Proposals.**

LOS ANGELES, Cal.—The following contracts have been awarded by the Los Angeles Board of Education for school buildings:

Albion St. School—Davidson Constr. Co., 1445 E. 16th St., L. A., awarded the general contract at \$69,248 for erecting a new building at Albion school site. T. Beverly Klein Jr., Haas Bldg., L. A., archit. Plumbing was let to H. W. Dresser Co., at \$61.00. Painting to J. J. Donnelly at \$5318. Painting to D. Zelinsky & Son at \$2327. and wiring to Prewitt Elec. Co., at \$2219.

Gardena High School—Darrell Conley Co., 520 Marsh-Strong Bldg., L. A., awarded gen. contr. at \$98,500 for erecting new bldg. at Gardena high school site; Farrell & Miller, Delta Bldg., L. A., archts. Painting was let to H. A. Arns, at \$3965; and wiring to Prewitt Elec. Co. at \$6719.

Roosevelt High School—K. R. Bradley, 1925 E. 16th St., L. A., was awarded the general contr. at \$307,157 for the new Roosevelt High School bldg. in Boyle Heights. Hunt & Burns, 701 Laughlin Bldg., L. A., archts. The contract was awarded on the original bid of \$306,000 with an addition of \$2785 for cement work and a deduction of \$1628 for a substitution of hardware. Heating and plumbing were awarded to F. J. Donnelly at \$21,000 and \$21,046 respectively. Electric wiring was let to Prewitt Elec. Co. at \$11,747. Painting bids were rejected and the work will be readvertised.

LOS ANGELES, Cal.—William Stacko, 1711 W. Adams St., L. A., was low bidder at \$75,000 on general contract for erecting two new buildings at San Pedro school site. Frank G. Kruecker, Ferguson Bldg., L. A., archit. A. Quandt & Son were low on general contract at \$4765. and Renard-Stary Elec. Co. was low on wiring at \$2203. Each bldg. will be 2-story and basement, 5x73 ft. brick construction, plaster exter., clay tile roofs, pine trim, maple doors. The bids were: **General Contract—**William Stacko, \$78,000; Darrell Conley Co., \$97,300; Frank Hudson, \$97,820; Willard-Brent Co., \$107,000; J. A. Hill Construction Co., \$112,000. **Painting—**A. Quandt & Son, \$4757; D. Zelinsky, \$5250; Alhambra Wall Paper & Paint Co., \$5340; Arenz-Warren Co., \$5340; E. E. Swan, \$7608. **Wiring—**Renard-Stary Elec. Co. \$2203; Newbery Elec. Corp., \$2415; Prewitt Elec. Co., \$2734; American Elec. Const. Co., \$2746.50.

CARPENTHERS, Fresno Co., Cal.—Until July 11, 2 p.m., (readvertisement) bids will be rec. by H. C. Kofoid, clerk Carpenther School District, at 2010 Broadway, for a new classroom and auditorium school building. E. W. Peterson, architect, Cory Bldg., Fresno. Segregated bids are wanted. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO.—Anderson & Ringrose at \$5657 awarded contract by Board of Public Works to improve James Lick School playgrounds.

SAN ANSELMO, Marin Co., Cal.—Until July 8, 10 A. M., bids will be received by Letitia Jones, Clerk, San Anselmo School District, to construct one-room addition to Lansdale School. Specifications may be obtained from the clerk at San Anselmo.

KERMAN, Fresno Co., Cal.—Until July 10, 8 p.m., bids will be rec. by M. S. Meeker, clerk Kerman Union High School District, to move and build on new foundations two one-story frame buildings, one 45x90 ft., and another 40x70 ft. Spec. may be had from clerk at Kerman.

WATSONVILLE, Santa Cruz Co., Cal.—Until July 5, 7:30 P. M., bids will be received by J. C. MacQuay, District Superintendent, Watsonville School District, to construct concrete sidewalk and paint schools. **See call for bids under official proposal section in this issue.**

WILLOWS, Glenn Co., Cal.—Until July 7, 5 P. M., bids will be received by H. C. Rawlinson, Clerk, Willows Union School District, for furnishing and delivering 10 teachers' desks; 15 teachers' chairs; 300 opera chairs; 250 dining chairs; and 100 training benches. **See call for bids under official proposal section in this issue.**

SANTA CRUZ, Santa Cruz Co., Cal.—Until July 8, 8 p.m., bids will be rec. by J. W. Linscott, secy. Board of Education, to const. 2 school buildings—Ray View and Laurel Schools. **See call for bids under official proposal section in this issue.**

SEVILLE, Tulare Co., Cal.—Until July 6, 1:30 P. M., bids will be received by M. F. Spauld, Clerk, Stone Corral School District, to construct barn on school property. Specifications may be had from J. F. Deoley, Trustees of District, at Seville.

CHICO, Butte Co., Cal.—Until July 11, 5 p.m., bids will be rec. by Chas. H. Cimper, secy. Chico School District for repairing old high school building and painting and tinting the Oakdale School. **See call for bids under official proposal section in this issue.**

LOS ALTOS, Santa Clara Co., Cal.—Until July 17, 8 P. M., bids will be received by Harry A. Dutton, Clerk, Los Altos Grammar School District, for structural frame and stucco additions to school. Estimated cost, \$45,000. W. H. Weeks, Architect, 369 Pine St., San Francisco. **See call for bids under official proposal section in this issue.**

PASADENA, L. A. Co., Cal.—Wop-schall Bros., 350 S. Raymond Ave., Pasadena, were low bidders at \$152,523 on the general contract for erecting new bldg. at Washington School site; Allison & Allison, 1405 Hibernian Bldg., L. A., archts. Low bidders on other contracts were: Arenz-Warren Co., on painting at \$4731; William Arns, Pasadena, on plumbing at \$12,690; Prewitt Electric Co. on wiring at \$3153.37; and Thos. Haverty Co. on heating at \$8648. Bids taken under advisement. Eight room primary bldg., and 4-room elementary bldg., brick constr., plas. exter., clay tile rfg.

ONTARIO, San Bernardino Co., Cal.—E. C. English, 500 Citizens National Bank Bldg., was low bidder on the general contract at \$55,500 for erecting a new two-story grade school bldg. at Ontario; Harwood Hewitt, 1139 Van Nuys Bldg., L. A., architect. W. Edwards, Ontario, was low bidder on the general contract on alternate proposals. O. L. Casiday was low on plumbing at \$4100; Newbery Electric Corp. low on wiring at \$2080; and Alhambra Wall Paper & Paint Co. was low on painting at \$2295. Bids for heating were taken on furnaces, gas-steam and gas radiators. Bids were taken under advisement.

FELLOWS, Kern Co., Cal.—Until July 6, 7:30 p.m., bids will be rec. by Mr. Bowman, principal, Midway School District, to const. bus garage, additions and make repairs to present school buildings. Eugene K. Martin, architect, Bakersfield. **See call for bids under official proposal sections in this issue.**

MERCED, Merced Co., Cal.—Trustees of Merced Union High School District contemplate gymnasium addition to high school. W. A. Mcany, principal.

TURLOCK, Stanislaus Co., Cal.—Until July 11, 8 p.m., bids will be rec. by A. O. Wickstrom, clerk Elgin Union School District, for painting Elgin school, tankhouse and toilet buildings, located about 6 miles south of Turlock, in Merced County.

OAKLAND, Cal.—Oakland Board of Education and citizens of San Leandro have called special meeting to consider the erection of a junior high school in San Leandro. Several sites for the proposed structure are under consideration.

OAKLAND, Cal.—Bids will be received until July 6, 1922, at 4:30 p.m., by the Oakland Board of Education for the heating work in the Elmhurst School. Plans may be obtained from the architect at 2149 Broadway, Oakland, on a deposit of \$25.

DINUBA, Tulare Co., Cal.—The Board of Trustees of the Dinuba Elementary School District received bids on June 15, for the construction of a two-story brick nine-room school building, from plans prepared by Architect Ernest J. Kump, Rowell Bldg., Fresno. Follow-up is a list of the bids received. All bids were taken under advisement until June 25:
 Patterson & Greene, Dinuba, (1), general contract, \$33,785.
 W. H. Eifert & Bros., Dinuba, (2), masonry, \$22,480.
 B. A. Newman Co., Fresno, (3), plumbing, \$5923.
 B. A. Newman Co., Fresno, (4), heating, \$4800.
 Chas. G. Thollander Co., Kingsburg, (5), plastering, \$12,750.
 Curry Electric Co., Dinuba, (6), electrical work, \$750.
 O. L. Durging, painting, \$2154.
 C. F. Weber Co., San Francisco, (8), blackboards, \$1275.

GONZALES, Monterey Co., Cal.—Bids were opened on June 23 by the Board of Trustees of the Gonzales Union High School District for the construction of a one-story frame and plaster gymnasium building from plans prepared by Architect W. H. Weeks, 369 Pine St., San Francisco. A complete list of the bids follows:
 Cobby & Owsley, 180 Jessie St., San Francisco, \$40,480.
 Prop. 2, deduct \$250.
 Daniel R. Wagner, S. F., 42,700.
 Prop. 2, deduct \$200.
 John F. McQuay, 44,000.
 Prop. 2, deduct \$400.

UKIAH, Mendocino Co., Cal.—Bids were received on June 23 by the Board of Trustees of the Ukiah Elementary School District for construction of a one and two-story reinforced concrete 16-room school building, from plans prepared by Architect Norman R. Coulter, 46 Kearny St., San Francisco. The contract was awarded to Myrl R. Crane, Miramar Ave., San Francisco. The complete list of bids follows:
 Myrl R. Crane, San Francisco, \$65,829.
 West Coast Constr. Co., S. F., 76,866.
 Boardman & Zimmerman, Calistoga, 78,448.
 Peilly & Nemetz, San Francisco, 79,900.
 Cobby & Owsley San Francisco \$4,600.

ORLAND, Glenn Co., Cal.—Board of Trustees of the Orland Joint Union High School District have awarded a contract to Robert Dziel, Jr., 214 S. St., San Francisco, at \$782 for installing a heating and ventilating system in the high school.

BIOLA, Fresno Co., Cal.—Bids were received on June 27th, by the Board of Trustees of the Biola School District for the construction of a one-story frame, plaster and brick school building from plans prepared by architects Swartz and Ryland, Rowell Building, Fresno. The general contract was awarded to the Martin Construction Company, 1909 Fresno St., Fresno, and the heating and plumbing to Newman and Company, 1927 Merced street, Fresno.

General Contract

Martin Constr. Co., Fresno.....	\$32,701
W. J. Ochs, Madera.....	35,885
Barkeley & Gould, Fresno.....	36,444
H. Groff, Fresno.....	37,113
Valley Constr. Co., Fresno.....	37,529
Collman & Spiedel, S. F.....	38,220
Miller & Wyatt, S. F.....	40,319

Plumbing and Heating

Newman & Co.....	5,275
Barrett-Hicks Co.....	5,718
Biola Hardware Co.....	6,450

BERKELEY, Alameda Co., Cal.—Bids were received as follows on June 29 by the Berkeley Board of Education for the construction of shops at the Burbank School and for furnishing and installing steel lockers and a chlorination and filtration plant in the Berkeley High School gymnasium.

Burbank School Shops

John Morton, Balboa Bldg., San Francisco.....	\$15,225
J. P. Brennon.....	15,253
Walter Sorenson.....	16,757
W. G. McInty & Son.....	16,682
Gasman & Malloch.....	19,233
F. W. Maurice.....	18,190
A. J. McPhee.....	16,930
S. J. Bertelson.....	17,000
H. P. Nelson.....	19,330
O'Connor & O'Connor.....	15,690
Mathew Norton.....	15,587
Lawrence Lucas.....	15,273
Walter March.....	16,500

Contract awarded to John Morton.**Filtration System**

Engineering Structures Co., 74 New Montgomery St., San Francisco.....	\$4860
J. E. O'Mara, S. F.....	5350
P. J. Enright, San Francisco.....	5242

Bids taken under advisement.**Steel Lockers**

George Trask, 76 Sacramento St., San Francisco.....	\$7763.76
H. H. Schultz.....	8175.00
Berger Mfg. Co., S. F.....	7900.00
Gunn-Carle Co.....	10,650.88
Fred Meder.....	8329.88
General Fireproofing Co.....	\$677.00
Rucker-Puller Co.....	\$8075.00

Bids taken under advisement until July 5.

MARYSVILLE, Yuba Co., Cal.—Until July 14, 8 p.m., bids will be rec. by Walter A. Kynoch, sec'y, Board of Education, to const. one-room addition to primary school at 7th and F Sts. Plans on file in office of sec'y.

STORES AND OFFICES**Ready for Sub-Figures in a Few Days.**

OFFICE BLDG. Cost, \$100,000
OAKLAND, Alameda Co., Cal. NE 19th and Franklin Sts., 125x66.

Eight-story and basement reinforced concrete building to be known as the "Physicians' Building."

Owner—Dr. Robert Dunn.
 Architect—Willis C. Lowe, 782 Monadnock Bldg., San Francisco.
 Contractor—P. A. Palmer, 782 Monadnock Bldg., San Francisco.

The basement will be used as a storage room for the doctors' automobiles and will have a large freight elevator. The grading has been awarded to Arras-Knapp Co., 1041 38th St., Oakland.

Reinforcing steel to Edw. L. Soule Co., Rialto Bldg., San Francisco.

Plans Being Figured.

ALTERATIONS Cost, \$—
SAN FRANCISCO, 974 Market St.

Extensive alterations to 2-story brick building for candy store and lunch parlor.

Owner—Geo. Haas & Sons, Phelan Bldg.
 Architect—C. E. Gottschalk, Phelan Bldg.

Contract Awarded.

OFFICE BLDG. Cost, \$39,000
SACRAMENTO, Cal. No. 907-15 Eighth Street.

Two-story brick store and office bldg.

Owner—L. Greenwald, Mills Bldg., San Francisco.

Architect—None.
 Contractor—G. D. Hudnutt Co., California Fruit Bldg., Sacramento.

Work to be Started Immediately.

ALTERATIONS Cost, \$17,000
MARYSVILLE, Yuba Co., Cal. Third and D Streets.

Alterations and repairs to store (interior work, fixtures, etc.)

Owner—S. G. King Co., Arthur Boulton, Manager, Third and D Sts., Marysville.

Architect—Joseph W. Rowell.

Contract Awarded.

BUILDING Cost, \$24,879
STOCKTON, San Joaquin Co., Cal. Lot 14, Block 34, E Center St.

Building.

Owner—Louis Armanino and M. Tobbaco, 518 S. American St., Stockton.

Contractor—Charles Garfield, 212 N. California St., Stockton.

Plans Completed.

OFFICE BLDG. Cost, \$3,000,000
SEATTLE, Wash. Third Ave. & Cherry Street.

Two-story fireproof offices (New York Block).

Owner—Dexter Horton Estate.

Architect—John Graham, L. C. Smith Bldg., Seattle, Wash.

Plans Being Figured—Bids Close July 6, 1922.

POSTOFFICE Cost, \$30,000
SAN FRANCISCO Clement St. and Sixth Ave.

One-story Class C Postoffice.

Owner—Louis R. Lurie.

Lessee—U. S. Government.

Architect—Orion Bros., 240 Montgomery St., San Francisco.

Figures are being taken for a general contract with separate bids for the office fixtures.

Plans Being Prepared—Contract

Awarded on a Percentage Basis. Cost, \$1,000,000
OFFICE BLDG.
SACRAMENTO, Cal. SW Tenth and J Sts.

Ten-story and basement Class A store and office building, 100x100 (terra cotta and granite finish), 250 offices and parking place for tenants' cars in basement.

Owner—California State Life Insurance Co., Marshall Diggs, president.

Architect—Geo. C. Seilon & Co., Milau Bldg., Sacramento.

Contractor—Lindgren Co., Monadnock Bldg., San Francisco.

Contract Awarded.

ADDITION Cost, \$85,740
STOCKTON, San Joaquin Co., Cal. Channel St., east of present building.

Three-story reinforced concrete addition to Exchange Building.

Owner—Pacific Telephone & Telegraph Co.

Architect—Architectural Department of owner, E. V. Cobby in charge, San Francisco.

Contractor—Monson Bros., 251 Kearny St., San Francisco.

Plans Being Prepared.

OFFICE BLDG. Cost, \$—
SANTA ROSA, Sonoma Co., Cal. Fifth Street.

Two-story concrete store and office building.

Owner—Julius Nathanson, 625 Humboldt St., Santa Rosa.

Plans Being Prepared—Contract

Awarded. Cost, \$15,000
STORE BLDG.
SAN FRANCISCO S Cabrillo bet. 21st and 22nd Ave.

One-story frame and stucco store building (6 stores).

Owner—Withheld.

Architect & Contractor—A. M. Hardy, 518 24th Ave., San Francisco.

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192.....

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Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for \$4.00

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Street and No.

City State

Official Proposals

NOTICE TO DEALERS IN SCHOOL FURNITURE

The Board of Education of the Palo Alto City School District will open sealed proposals at its office, 543 Channing avenue, at 7:30 p.m., Thursday, July 6, 1922, for school furniture. The conditions and specifications may be had on application. The Board reserves the right to reject any and all bids.

A. C. BARKER,
Secretary.

NOTICE TO CONTRACTORS (Bowles School Addition)

Notice is hereby given that the Trustees of the Bowles High School District, Fresno County, California, will receive sealed bids for the additions and alterations to the Bowles School building in accordance with the plans and specifications prepared by E. W. Peterson, architect, Cory building, Fresno, California.

Bids will be opened at the Bowles School building at a meeting to be held by the Board of Trustees at 2 P. M. on Thursday, July 6th, 1922. All bids to be accompanied by a certified check on some solvent bank for 10 per cent of the amount of the bid, made payable to the clerk of the school district, on condition that said certified check shall be retained by the school district as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into a contract within five days after the award of said contract or fail to furnish the bonds in the amount of 75 per cent of the contract price.

Plans and specifications may be obtained from the architect. The trustees reserve the right to reject any or all bids.

Signed by:
GEO. C. CHRISTENSEN,
Clerk of the Board of Trustees, Bowles School District, Fresno County, California.

NOTICE TO ARCHITECTS

NOTICE IS HEREBY GIVEN by the School Trust of the Lassen Union High School District that they will until August 5, 1922, receive preliminary studies and plans for a branch high school building at Lakeview, Lassen County, California, said building to be a skeleton or unit to which additional rooms may later be added. Said unit is to consist of at least two rooms, 25 x 30 feet and separate preliminary studies and plans are also to be submitted for a unit consisting of two rooms, 25 x 30 feet and an assembly hall, 35 x 40 feet so constructed that the length of said assembly hall or gymnasium may later be increased.

Signed by:
ALCESTA LOWE,
Clerk of the Board of Trustees of the Lassen Union High School.

NOTICE TO BIDDERS

(Desk, Chair, Grading and Gravel Bids)

NOTICE IS HEREBY GIVEN that sealed bids will be received by the Board of Trustees of Willows Union School District, Glenn County, California, until 2 o'clock P. M. of Friday, July 7th, 1922, as follows:

For grading and graveling the grounds of the new school building in accordance with the specifications as prepared for the same.

For furnishing and installing ten (10), more or less, teachers' desks, fifteen (15), more or less, teachers' chairs, three hundred (300), more or less, opera chairs; two hundred fifty (250), more or less, folding chairs,

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

and sixteen (16), more or less, manual training benches.

Each bid must be accompanied by a certified check on some responsible California Bank in a sum not less than five (5) per cent of the amount of bid, made payable to A. D. Pieper, President of the Board, as a guaranty of good faith that the party to whom the contract may be awarded, will within ten days, enter into the necessary agreement and bonds for the faithful performance of the work, and in case the successful bidder fails or refuses to enter into said agreement and bonds, said check will be forfeited to said district in the manner provided by law.

Each bid must be enclosed in a sealed envelope and addressed to H. G. Rawlins, Clerk of the Board of Trustees of Willows Union School District, and endorsed, "Proposal for Grading School Grounds," or "Proposal for Furnishing School Furniture," as the case may be.

The Board of Trustees reserve the right to reject any or all bids.
BOARD OF TRUSTEES OF WILLOWS UNION SCHOOL DISTRICT.
By A. D. PIEPER, President.

Attest: H. G. Rawlins, Clerk.
Dated June 26th, 1922.

NOTICE TO BIDDERS

(School Painting)

The Trustees of the Watsonville School District solicit separate sealed bids for the following:

1. Concrete sidewalk in front of Grammar School.
2. Painting of Grammar School.
3. Painting of front building at Lake Avenue Primary.
4. Painting of rear building at Lake Avenue Primary.

Specifications may be had by calling at the office of the District Superintendent, High School Building, Watsonville, California. (Signed)

Bids will be received up to and until 7:30 P. M., Wednesday, July 5, 1922. Mark all bids "Grade School Bid" and address Board of Trustees, Watsonville School District, High School Building, Watsonville, California.

The Board reserves the right to reject any and all bids.
BOARD OF TRUSTEES,
of Watsonville School District.
By T. S. MacQuiddy, Dist. Supt.

BIDS WANTED FOR WIRE GRILLES

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., June 24, 1922.—SEALED PROPOSALS will be opened in this office at 2 p.m., July 24, 1922, for furnishing wire grilles for the U. S. Veterans'

Hospital, Palo Alto, Calif., in accordance with the specifications and drawings listed in same, which may be obtained from E. W. Roberts, superintendent of construction at the Hospital site, or from this office, at the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

NOTICE TO CONTRACTORS AND BUILDERS

(Santa Cruz Schools)

Notice is hereby given that sealed bids will be received by the Board of Education of the City of Santa Cruz, California, up to 8 o'clock p.m. of the 11th day of July, 1922, at the office of the Secretary of the Board at the City Hall, for the erection and completion of two school buildings, one at the Bay View school and one at the Laurel school, in accordance with plans and specifications on file.

Plans and specifications can be seen at the office of the Secretary of the Board or at the office of George H. Cardiff, Central Lumber & Fuel Company.

Separate bids are to be submitted for each of the two buildings to be constructed.

Bids will be opened July 1 by the said Board of Education at its office at the City Hall at 8 o'clock p.m., July 11, 1922.

The Board reserves the right to reject any or all bids.

By order of the Board of Education.
J. W. LINSKOTT,
Secretary.

NOTICE TO CONTRACTORS

(Los Altos School Additions)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Los Altos Grammar School District, County of Santa Clara, State of California, in the present Grammar School Building, in Los Altos, at 8:00 o'clock P. M., July 17th, 1922, for the erection and completion of frame and stucco additions to the present Grammar School Building, to be built in Los Altos, State of California, according to plans and specifications prepared for the same by W. H. Weeks.

Bids will be received on the general construction with its alternate proposals, together with separate bids on heating system and electrical work.

Plans and specifications may be seen at the office of W. H. Weeks, Architect, 369 Pine Street, San Francisco, California, or at the office of Harry A. Dutton, Clerk at Los Altos.

All bids should be presented on bid forms furnished by the architect.

Each bid must be accompanied by a certified check on some responsible California bank in the sum of not less than five (5) per cent of the amount bid, made payable to Harry A. Dutton, Clerk of the Board of Trustees of the Los Altos Grammar School District, for the purposes stated in the specifications.

Each bid must be enclosed in a sealed envelope and endorsed by Harry A. Dutton, Clerk of the Board of Trustees, and endorsed "Proposal for Additions to Grammar School Building."

The Board of Trustees reserves the right to reject any and all bids.

Bids must be delivered to the undersigned, Clerk of the Board of Trustees, at the School House, in the said Los Altos, at the time and place of meeting, above stated, or any time up to the hour of opening of said bids.

Clerk of the Board of Trustees of the Los Altos Grammar School District, Los Altos, Santa Clara County, Calif.

WIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of The California Highway Commission, 515 Fourth Building, Sacramento, Cal., until 2 o'clock P. M. on July 24, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Mendocino County, between Hopland and El Rito (1-M-10-19), about two and nine-tenths (2.9) miles in length, 9.5 miles to be graded, 2.5 miles to be graveled.

Placer and Nevada Counties, across Bear River, about 7 miles north of Auburn (111-14-17-C and Nev-17-A), a bridge, consisting of two 100 foot steel truss spans with the necessary pier and abutments.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineer at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission.

AUSTIN C. MURPHY, State Highway Engineer.
R. A. MURRAY, Secretary.
Dated June 26, 1922.

NOTICE TO BIDDERS

(Ahwahnee Hospital Additions)

Bids will be received by the Tri-County Tuberculosis Hospital Committee of Ahwahnee Sanitarium, Madera County, California, on July 1, 1922, up to 11 o'clock a. m., for the construction of a hospital addition, nurses' home addition, 10-bed unit, vocational building and dairy barn, adding to plans and specifications filed at the offices of the County Clerks at Stanislaus, Merced and Madera Counties, also at the office of J. H. Hoese, architect, 6 and 7 Ramonet Building, Mendocino, California, also at the Tri-County Sanitarium. All bids must be accompanied by a certified check or bidder's bond for 10 per cent of the amount of the bid. The committee reserves the right to accept or reject any bid. A deposit of \$15 must be made for copy of the plans and specifications.

T. J. CRONIN,
Secretary Tri-County Tuberculosis Hospital Committee.

ADVERTISEMENT FOR SALE, REPAIR AND IMPROVEMENT OF SCHOOL PROPERTY

(Chico School District Repairs)

PURSUANT to a Resolution of the Board of Education of the City of Chico, in and for Chico School District, adopted in adjourned regular session on June 21, 1922, the said Board will receive proposals for any or all enumerated items up to the hour of five o'clock p. m. of July 11th, 1922.

Proposal for purchase and removal of the one-story two-room building, situated on the Chico Vecino

school site at Third and Laburnum Streets; said proposal to include the clearing of the lot from rubbish and brick, and the leveling and filling of the lot to the satisfaction of the Board of Education.

2. Proposals for the doing of the following items of repair work on the old high school building:

1. Plastering.
2. Roofing.
3. Cement work.
4. Electrical work.
5. Painting, varnishing, tinting.
6. Plumbing.
7. Carpentry.

All in accordance with specifications previously adopted therefor, and which may be consulted at the office of Chas. H. Camper, Secretary of the Board of Education.

3. Proposals for tinting and painting repairs at the Oakdale School, all in accordance with specifications provided and adopted therefor, and which are on file in the Office of the Secretary.

Bidders will be required to deposit with the proposal, a certified check in the amount of ten per cent of the proposed fee for the faithful execution of the contract, and will also be required to furnish bonds as required by law for the faithful performance of contract and for the protection of material men and laborers.

The Board reserves the right to reject any or all bids.

By order of the Board of Education of the City of Chico.

By CHAS. H. CAMPER,
Secretary.

NOTICE TO ARCHITECTS

(Live Oak School District, Santa Cruz County, Calif.)

Live Oak School District hereby invites submission of proposed plans and specifications for a four-room school building. Plans and specifications must be submitted upon condition that payment for same will be made if the proposed bond election is favorable to the issuance of bonds, and the Board of Trustees reserves the right to reject any and all proposed plans and specifications. Detailed information will be supplied upon request to the Clerk of the Board of Trustees. Bids will be opened Tuesday, July 11th, 1922, at 8 o'clock P. M. at Live Oak School House.

Dated: June 24th, 1922.
LIVE OAK SCHOOL DISTRICT.
By A. M. FOSTER, Clerk.

NOTICE TO CONTRACTORS

(Caruthers School)

Notice is hereby given that the Trustees of Caruthers School District, Fresno County, Calif., will receive sealed bids for the construction and completion of a new school building at Caruthers, Calif., consisting of seven class rooms and an auditorium, in accordance with the plans and specifications prepared by E. W. Peterson, Architect, Cory building, Fresno, Calif.

All bids to be sent to H. C. Kofoid, Clerk of the Board, Caruthers, Calif., up to and not later than 2 p. m. of Tuesday, July 11, 1922, at which time bids will be opened at a Board meeting to be held at the Grammar School building at Caruthers, Calif.

Plans and specifications with forms for bidders may be obtained at the office of the architect.

Segregated bids will be received for the following work, also general bids covering all of the following work, namely:

- Section 1—Excavating, concrete and carpentry.
- Section 2—Brickwork.
- Section 3—Plastering.
- Section 4—Painting.
- Section 5—Electric wiring.
- Section 6—Steam heating, plumbing, sheet metal.
- Section 7—Tile and composition roofing.

All bids to be accompanied by a certified check on some solvent bank for ten per cent (10%) of the amount of the bid, made payable to H. C. Kofoid, Clerk of the Board, upon condition that said certified check shall be re-

tained by the School District as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into a contract within five days after the award of said contract, or fail to furnish the bonds in amount of seventy-five per cent of the contract price. The Trustees reserve the right to reject any and all bids.

By H. C. KOFOLD,
Clerk of the Board of Trustees,
Caruthers School District,
Fresno County, California.

BIDS WANTED FOR U. C. BUILDING

(One-story Reinforced Concrete Structure, 10x50)

PROPOSALS FOR BIDS

SEALED BIDS will be received at the office of the Comptroller, University of California, Berkeley, California, at or before 9 A. M. Wednesday, August 2, 1922, for general contract including all work for the construction of the first and of the new Mechanics Building on the grounds of the University of California, at Berkeley.

Drawings and specifications may be obtained at the office of John C. Galen Howard Architect, 500 First National Bank Building, San Francisco, on deposit of \$50.00 for each set of drawings and specifications taken out. Checks given as deposit are to be in favor of the undersigned. Deposits will be refunded on submission of a regular bid for the work and on return of said drawings and specifications in good condition. No bid will be considered unless accompanied by a certified check or bond in favor of the undersigned, equal to 10% of the bid, to secure execution of the contract by the successful bidder.

The right is reserved to reject any or all bids.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.

BIDS WANTED FOR U. C. BUILDING

(Two-story, basement and attic reinforced concrete structure, 186x70)

PROPOSAL FOR BIDS

SEALED BIDS will be received at the office of the Comptroller, University of California, Berkeley, California, at or before 9 A. M. Wednesday, August 2, 1922, for general contract including all work for the construction of Haviland Hall of the grounds of the University of California, at Berkeley.

Drawings and specifications may be obtained at the office of John C. Galen Howard Architect, 500 First National Bank Building, San Francisco, on deposit of \$100.00 for each set of drawings and specifications taken out. Checks given as deposit are to be in favor of the undersigned. Deposits will be refunded on submission of a regular bid for the work and on return of said drawings and specifications in good condition. No bids will be considered unless accompanied by a certified check or bond in favor of the undersigned, equal to 10% of the bid to secure execution of the contract by the successful bidder.

The right is reserved to reject any or all bids.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.

NOTICE TO CONTRACTORS

(Bus Garage and School Additions)

Notice is hereby given that sealed bids will be received by the Trustees of the Midway School District, County of Kern, State of California, until 7:30 P. M. on the 6th day of July, 1922, at the office of Mr. Bowman, Principal of School, Fellows, Kern County, California, for the furnishing of all materials and labor required to build and complete a bus garage and addition and repair to present buildings located on the present school premises, approximately one mile from the Town of Fellows, Kern County, State of California.

Drawings and specifications can be obtained from Eugene K. Martin, Architect, Bakersfield, California.

Each bid must be accompanied by a certified check in the amount of ten per cent (10%) of bid, made payable

to the order of the Board of Trustees, for the Midway School District, Kern County, California. Bids shall be sealed and filed with Mrs. Mabel Lewis at the above mentioned specified time and place.

The above mentioned check shall be given as evidence that the bidder will enter into contract, if awarded the work, and will be declared forfeited if the successful bidder refuses to enter into the said contract after being requested to do so by the Board of Trustees.

The successful bidder will be required to furnish a Surety Company Bond satisfactory to the Board of Trustees, covering the amount of fifty per cent (50%) of the contract price.

The Board reserves the right to waive any or all formality.

By order of the Board of Trustees.
Architect.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., July 17, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made in portions of State Highway as follows:

Plumas and Lassen Counties, between Chester Grade and N. E. 1/4 of Section 3, T. 28 N., R. 9 E., M. D. E. & M. (H-Ph-29-A) and H-Las-29-A), about eleven and three-tenths (11.3) miles in length, to be graded.

Plans may be seen and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHAS. A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission.
AUSTIN B. FLETCHER,
State Highway Engineer.

R. A. MURRAY, Secretary.
Dated June 19, 1922.

BIDS WANTED FOR GYMNASIUM BUILDING

NOTICE TO BIDDERS

The Board of Trustees of the Fall River Joint Union High School District will receive sealed proposals at or before 2 P. M., Saturday, July 8, 1922, at the High School Building, McArthur, California, at which time and place bids will be opened in public for the furnishing of labor and material for the erection of a Gymnasium Building and installation of a Heating Plant at McArthur, California, in accordance with plans and specifications prepared by Ralph D. Taylor, Susanville, California. Bids will be received separately for the following work:

1. General contract for building.
2. Electrical wiring.
3. Plumbing.
4. Heating.

All bids must be accompanied by a certified check for 10 per cent or more of the amount of the proposal. In

case this proposal is accepted, in whole or in part, and the bidder fails to execute a contract for the performance of said work, and a bond of sufficient sureties in the sum of 100 per cent of the amount of the contract to secure the faithful performance thereof, within fifteen days after such acceptance, then the certified check shall be retained by the Board of Trustees of Fall River Joint Union High School District as liquidated damages for the failure to carry out this proposal. Such contract and bond shall be in such form and of such contents as shall be satisfactory to the Board of Trustees of said Fall River Joint Union High School District.

All bids to be made out on forms furnished with plans and specifications. Plans and specifications may be obtained from Ralph D. Taylor, Susanville, California, or from R. E. Dunlap, McArthur, California, member of said Board of Trustees.

A deposit of Ten Dollars will be required from all contractors receiving plans—said deposit to be refunded when plans and specifications are returned in good condition.

The Board of Trustees reserves the right to reject any or all bids and to waive any informality in any bid received.

By order of the Board of Trustees of the Fall River Joint Union High School District, McArthur, California.

By ROSE H. TAYLOR,
Clerk, Fall River Mills, California
Dated June 10, 1922.

NOTICE INVITING BIDS

(Isolation Building)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors of San Joaquin County, California, at the office of said Board, in the City of Stockton, until 10 o'clock a.m. of Monday, July 10, 1922, for the construction of a brick isolation building at the San Joaquin General Hospital at French Camp in accordance with plans and specifications prepared by Architect Ralph P. Morrell and adopted and filed by the Board of Supervisors, June 19, 1922, and to which bidders are particularly referred.

Duplicate plans and specifications may be obtained at the office of the Board of Supervisors upon depositing the sum of \$10.00 to insure the prompt return of same on or before the expiration of ten days.

All bids must be presented in sealed envelopes addressed to the Board of Supervisors and marked "Proposals for the construction of a brick isolation building at the San Joaquin General Hospital at French Camp, California."

All proposals must be accompanied by United States currency or certified check made payable to the chairman of the said Board of Supervisors, in the sum of 10 per cent of the amount of the bid, or by a bond for such amount, and two bonds, each equal to 10 per cent of the contract price, will be required of the successful bidder.

The Board reserves the right to reject any or all bids.

By order of said Board, made June 19, 1922.

EUGENE D. GRAHAM, Clerk.
By S. A. CARTER, Deputy Clerk.

BIDS WANTED FOR SIX ORDNANCE BUILDINGS, ETC., AT PEARL HARBOR

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed "Proposals for Ordnance Buildings, Pearl Harbor, Hawaii, Specification No. 4566," will be received at the office of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., August 2, 1922, and then and there publicly opened for six ordnance buildings, railroad track and water main extensions, at the Naval Operating Base (Ammunition Depot, Kuaahau, Pearl Harbor, T. H.). Each building will have concrete foundations and floor base. The war-head storehouse, torpedo storehouse, and extension to main storage building will have stuccoed hollow tile walls, wood roof

deck and built-up roofing, steel sash, and a crane runway and crane. Ignition and storehouse will have stuccoed hollow tile walls, concrete roof deck and built-up roofing and asphalt mastic floor finish on the concrete base. Pyrotechnical storehouse and storehouse for small arms ammunition will be similar in construction and will have steel roof and wall framing covered with corrugated protected sheet metal and wood finish flooring on concrete base. Drawings and specifications No. 4566 may be obtained on application to the Bureau to the Commandant, Navy Yard, Mare Island, Calif., or to the Commandant, Naval Operating Base, Pearl Harbor, T. H. Deposit of a check or postal note order for \$10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau, April 21, 1922.

BIDS WANTED FOR TEXAS P. O.

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Office, Supervising Architect, Washington, D. C., June 6, 1922—SEALED PROPOSALS will be opened in this office at 3 P. M., July 11, 1922, for the construction, including mechanical equipment of the United States Post Office at Gilmer, Texas. Proposals will be considered only from individuals or firms who have established a record for expedition on contracts of similar character and magnitude. The fact that any concern obtains a set of plans and specifications from any source whatever and submits a bid shall not constitute a waiver of the foregoing stipulations. Drawings and specifications may be obtained from the custodian of the site at Gilmer, Texas, or at this office, in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

BIDS WANTED FOR FRESNO SCHOOL BUNGALOWS

NOTICE TO CONTRACTORS

At a regular meeting of the Board of Education, held on June 8, 1922, Secretary was authorized to advertise for and accept bids on the following:

Five bungalows to be used as school rooms.

Plans and specifications on file with the Secretary of the Board, 2525 Tuolumne Street.

Prices to be submitted on bungalows singly or in lots of five.

Bidder must specify length of time required to complete the job. The buildings all to be completed before September 8, 1922.

The Board reserves the right to reject any and all bids. A 10% deposit of the amount of the bids must accompany each bid. All bids must be in the hands of the Secretary of the Board by Thursday, July 13, 1922, at 5 P. M.

By order of the Board of Education.
L. L. SMITH, Secretary.

NOTICE TO BUILDING CONTRACTORS

(High School Gymnasium)

Pursuant to an order of the Board of Education duly made and entered in its minutes this 5th day of June, 1922, the Secretary is hereby authorized to advertise for and accept bids on Gymnasium Building at the new high school. Plans and specifications on file with Coates & Traver, Rowell Bldg., Fresno.

The board reserves the right to reject any and all bids.

Each bidder must deposit with his bid a certified check in amount of 10 per cent of the amount of the bid, payable to the president of the Board of Education. All bids must be in the hands of the secretary of the Board by Thursday, July 13, 1922, at 5 P. M.

By order of the Board of Education.
L. L. SMITH, Secretary.

Engineering News Section

BRIDGES, DAMS & HARBOR WORK

RIVERSIDE, Cal.—Until 10 a. m., July 17, bids will be rec. by supervisors to const. pile trestle bridge 330 ft. long over Coachella Valley storm drain channel at Thermal on 56th Ave. Plans and spec. may be obtained from County Surveyor A. C. Fulmer on deposit of \$5. Cert. check for 5%.

LOS ANGELES, Cal.—Until 10 a. m., July 7, bids will be rec. by Harbor Commission, Rm. 33, City Hall, for sand and gravel. Spec. No. 336. Cert. check or bond, 10%. Guy W. Wade, secy.

SEATTLE, Wash.—Until August 4, 10 a. m., bids will be rec. by Board of Public Works, F. A. Rapp, bridge engineer, to erect superstructure for Spokane Street bridge over West Waterway on Spokane St. at Riverside. Total est. cost of structure, \$1,500,000. Contract for superstructure has been let to J. A. Melcher Co. Inc., Columbian Bldg., Seattle, at \$261,197. The contract, for which bids are now being taken, calls for the construction of the bascule portion of the bridge, the bridge piers and the girder crossing of steel construction, running over Iowa St. The bascule portion of the bridge will be 45 feet, center to center, with wood block floors. The principal quantities involved in the superstructure include 3,760,000 pounds of structural steel, 351,000 pounds of machinery, and 8570 yards concrete in counterweight.

RIDGENDON BEACH, Cal.—Until 8 p. m., July 3, bids will be rec. by city Clerk Harry Polglase for constructing 2 rock jetties each 150 ft. long and 3 wooden jetties each 75 ft. long. Est. cost about \$17,000. Work to be paid for from proceeds of bond issue. Victor H. Stahell, city eng.

VISALIA, Tulare Co., Cal.—Until July 18, 10 a. m., bids will be rec. by Supervisors to const. Parker Hotel bridge, 1 1/2 mi. above Hammond on routing of new park highway. Laurence A. Moye, county surveyor.

VALLEJO, Solano Co., Cal.—C. E. Grunsky St., Mechanics Institute Bldg., San Francisco, who has been retained by the city of Vallejo as consulting engineer for the Gordon Valley water project, has been commissioned by the City Council to take full charge of the dam construction.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention to const. conc. culvert 6 ft. by 8 ft. in Richmond Ave. bet. Warren St. and Moss Ave. 1911 Act. Protests July 13. W. W. Harmon, city eng.

CALIFORNIA—Until July 24, 2 p. m., bids will be rec. by the Highways Commission to construct bridge over Bear River in Placer and Nevada Counties, about 7 miles north of Auburn; consist of two 100-ft. steel truss spans with necessary pier and abutments. Austin E. Fletcher, State highway eng. See call for bids under official proposal section in this issue.

NAPA, Napa Co., Cal.—Until July 17, 10 a. m., bids will be received by Jas. A. Daly, County Clerk, to construct reinforced concrete girder bridge over Napa river east of Oakville, Road Dist. 2. O. H. Buckman, County Surveyor.

SANTA BARBARA, Santa Barbara Co., Cal.—Until 10 a. m., July 11, bids will be received by D. Orena at Los

Alamos, Santa Barbara County, for constructing timber bridge 150 feet long with concrete and pile piers over San Antonio creek, 3 miles west of Los Alamos. Plans and specifications may be obtained from Owen H. O'Neill, Civil Engineer, Santa Barbara, on payment of \$5. Certified check for 5% required.

RUIRKA, Humboldt Co., Cal.—Padgett & Kelly, Eureka, at \$2,200 awarded contract by the Supervisors to construct culvert at Carter Creek bet. Alderpoint and Blocksburg in Road District 2.

LOS ANGELES, Cal.—County Supervisors have appropriated \$58,000 for constructing bridge on Long Beach-Naples Rd. over Alamitos Bay.

SANTA ROSA, Sonoma Co., Cal.—Until July 2, 12 p. m., bids will be received by W. W. Felt Jr., County Clerk, to construct four reinforced concrete bridges as follows:

Two bridges and a culvert on the Pocket Canyon road. Estimated cost, \$3500 each. Approx. 125 cu. yds. concrete.

One bridge on Washington St. extension about 1 1/2 miles northeast of Petaluma. Est. cost, \$1870; approx. 60 cu. yds. concrete.

One bridge on Sebastopol-Cotati Rd. at Station 313+75. Estimated cost, \$2400; approx. 85 cu. yds. concrete.

OAKLAND, Cal.—At primary election August 29 voters will decide whether there shall be a tube under the Oakland Estuary or a bridge across it at Webster St. This decision was reached at recent meeting of Supervisors. Est. cost of tube, \$2,340,000, plus several hundred thousand dollars for approaches.

SAN PEDRO, Cal.—Plans for the new bascule bridge to be built over Long Beach Channel, on the traffic route from Anaheim Rd. to Terminal Island, are in the hands of the Harbor Dept. and may be seen there by prospective bidders. Bids for the piers will be received up to July 7. The plans were prepared by Straus Bascule Bridge Co. of Chicago.

SAN DIEGO, Cal.—City Mgr. F. A. Rhodes has recommended that all bids for repairing 30th St. bridge be rejected and that the work be done by the operating department.

PRESFOTT, ARIZ.—S. P. Gillis, Phoenix, has the contr. and has started work on constructing Banning Creek Dam, below Thorbeck Springs.

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SIERRA MADRE, Cal.—Until 8 p. m., July 8, bids will be rec. by Board of Trustees of Sierra Madre for excavating and constructing reinforced conc. reservoir, 88x102 ft., with sloping walls. Work involves 165 cu ft. conc. in weir box, 5900 cu. ft. conc. in reservoir, 320 ft. conc. curb, and 1800 ft. R. M. lumber in roof. Cert. check 5%. Plans and spec. may be obtained at office of L. Dietz, city clerk, or at office of O. A. Gierlich, 269 Natl. Bank Bldg., Monrovia, city eng. A deposit of \$5 will be required.

PALMDALE, Los Angeles Co., Cal.—Bent Bros., 114 Eagle St., Los Angeles, sign contract to construct reinforced concrete multiple arch dam on Little Rock creek in Antelope Valley, Los Angeles County, for the Palmdale and Little Rock Creek Irrigation Districts, and the Palmdale Water Co. Cost about \$500,000. Work started June 29. Owners will furnish cement, reinforcing steel and gates. The dam will be 115 ft. high and 700 ft. long at the top and will contain approximately 22,000 cu. yds. concrete. There will be a siphon spillway. Plans and specifications prepared by J. S. Eastwood of San Francisco. Burt Cole, engineer of the Palmdale Water Co., Lancaster, will be the engineer in charge. Project has been financed, bonds voted by the irrigation districts having been sold.

IRRIGATION PROJECTS

SUSANVILLE, Lassen Co., Cal.—Farmers of Red Rock section will organize an irrigation district. Twenty-five thousand acres have been signed up. The district will have eleven reservoirs with a storage capacity of 118,000 acre feet of water, the largest of these being the Cold Spring with a capacity of 60,000 acre feet. Officers of the proposed district are: August Anderson, president; W. E. Horne and John K. Enboch, directors; C. R. Cauldie, engineer.

OAKDALE, Stanislaus Co., Cal.—Election will be called in Oakdale Irrigation District to vote special tax of \$50,000 to finance the enlargement of canals at the headworks.

LIGHTING SYSTEMS

MODESTO, Stanislaus Co., Cal.—See items rec. Imp. of Sycamore Ave. and Morris Ave., city of Modesto, under "Sewers, Street, Roads and Water Systems" column, this issue, regarding installation of electrolites.

PASADENA, Cal.—Until 10 a. m., July 5, bids will be rec. by City Clerk Bessie Chamberlain for laying underground conduits with ducts, laterals, manholes, electric light, in portions of Colorado St., Brainerd and Morgan Avenues, Marengo, Euclid Aves. and other streets and avenues. Spec. on file with clerk.

OROVILLE, Butte Co., Cal.—City Trustees propose to purchase gas and electric distributing system of Pacific Gas and Electric Company and operate same as municipal light plant. Purchase price will be raised through a bond issue.

NEWPORT BEACH, Cal.—Until 7:30 p. m., July 10, bids will be rec. by City Trustees to const. and replace portions of ornamental lighting system on Central Ave. bet. E. and Cypress Sts., Bay Ave. bet. Main St. and Bay View Ave., Alvarado Pl. bet. Bay Ave. and 542 ft. north, and portions of other streets 1911 Act. Alfred Smith, city clerk.

Architects—Engineers— City and County Officials

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Building & Engineering News

ANTIOCH, Contra Costa Co., Cal.—**Chamber of Commerce** conferring with Pacific Gas and Electric regarding the installation of electroliners in business section of Second and G Sts. It is proposed to install 16 standards costing about \$200.

LOS ANGELES, Cal.—Ord. of inten. adopted by City Council to const. ornamental lighting system in 6th St. bet. Pacific Ave. and Gaffey St., San Pedro. 1911 Act.

LOS ANGELES, Cal.—**Newbery Electric Corp.**, 724 S. Olive St., L. A., submitted low bid to Board of Public Wks at \$15,885 for installing 100 ft. lighting posts and appliances, compl. in Figueroa St. bet. First and Sixth Sts. The other bids were: So. Cal. Electric Co., \$15,960; H. H. Walker, \$16,142; C. W. Sparks, \$16,619; A. C. Rice, \$19,400. So. Cal. Electric Co., 625 S. Main St., L. A., low bidder at \$17,777 for installing orn. lighting system, including posts and appliances, in Western Ave. bet. 1st and Wilshire Blvd. Other bids were: H. H. Walker, \$19,141; C. W. Sparks, \$19,272.74; Jas. C. Perry, \$19,430; Newbery Elec. Corp., \$19,722.64; A. C. Rice \$21,768; Keystone Iron & Steel Works, \$23,748.

MACHINERY

YUMA, Ariz.—**E. F. Sangrinietti**, Yuma, awarded contr. at \$3.94 bbl. for furnishing county 2500 sacks cement at \$4.01 per cwt. for 40,000 lbs. 3/4-in. reinf. steel f.o.b. Yuma. Other bids were: **Cement**—Cal. Portland Cem. Co., Colton, \$3.85; E. D. Husted Lib. Co., Yuma, \$3.96; **Hurt-Franklin Co.**, Somerton, \$4.08; **Southwestern Portland Cem. Co.**, Los Angeles, \$4.09. **Steel**—**Hurt-Franklin Co.**, \$3.85. **Union Hdw. & Metal Co.**, Los Angeles, \$3.98.

YREKA, Siskiyou Co., Cal.—Until July 5, 8 p.m., bids will be rec. by U. F. Brown, city clerk, for fur. and del. one 750-gal. steel sprinkling tank, mounted on steel frame, and complete with set of spray sprinkling attachments, ready for mounting on gear, f.o.b. Yreka, Cal. Further information on request.

REDLEY, Fresno Co., Cal.—Until July 5, 3 p.m., bids will be received by Hazel Trembley, city clerk, for fur. and erecting 60,000 gallon water tank and tower. Steel frame may be had from clerk on deposit of \$10.

LOS ANGELES, Cal.—Until 3 p.m., June 30, bids will be received by public service committee, 207 S. Broadway, for new multi-stage centrifugal pump. Spec. P-276-212. Jas. P. Vroman, secretary.

EUREKA, Humboldt Co., Cal.—Until July 5, 5 p.m., bids will be received by John Griffith, City Superintendent of Public Works, 524 D street, Eureka, for furnishing f. o. b. steamer, San Francisco, 12,000-ft. of 2-in. standard black pipe, random lengths. Delivery to be made 90 days after acceptance of bids.

OROVILLE, Butte Co., Cal.—Until July 11, 5 p.m., bids will be rec. by Mildred P. Martin, clerk Oroville Union High School District, for fur. and del. one Graham Bros. School Bus No. 245. Spec. may be had from clerk, Room 6, Jones Bldg., Oroville.

ALHAMBRA, Cal.—**U. S. Cast Iron Pipe & Fdy. Co.**, 705 Wright & Callender Bldg., Los Angeles, submitted only bid to city trustees for cast iron pipe and fittings. The bid was: Pipe \$372.15 per 100 ft. for 18-in. Class B pipe; \$310.13 for 16-in., and \$254.31 for 14-in.; fittings, 5.5c lb. 18-in.; 6c lb. 14-in.

EUREKA, Humboldt Co., Cal.—Until July 5, p.m., bids will be rec. by A. Welter Kildale, city clerk, for fur. one Austin Pressurized Water Heater, horizontal drawn type, capacity of 600 gals., with heater attachment and mounted on platform spring gears, delivered f.o.b. Eureka.

OAKLAND, Cal.—Until July 6, 12 M., bids will be received by J. K. Sturges, City Clerk, for furnishing and delivering 1 1/2 ton motor tractor, to be delivered in days after award of contract. Bond of \$1000 required of successful bidder. Specifications on file in office of Clerk, W. W. Harmon, City Engineer.

MADERA, Madera Co., Cal.—**Mark-Lally Co.**, 2nd and Tehama Sts., San Francisco, at \$1894.38 subank low bid to City Trustees for furnishing and delivering f.o.b. Madera: stand, black wrought steel pipe; 2000 lin. ft. 1-in., 2600 lin. ft. 3-in., and 1500 lin. ft. 2-in. cost per screw fittings, 6 1/4-in. cross, 2 1/4-in. tees, 3-in. processes, 2 1/4-in. reducers, 3 3/4-in. reducers, 10 1-in. plugs. Other bidders: G. T. Tay, \$2353.35; Republic Supply Co., \$2329.33; Sacramento Pipe Works and J. B. Richardson-Kutner Co., \$2132; Crane Co., \$2350.32; Hollbrook, Merrill & Stetson, \$1903.18. Bids taken under advisement.

SAN LUIS OBISPO, Cal.—**San Luis Hardware & Implement Co.**, at \$2195 awarded contract by Council for fur. one double acting Duplex Fairbanks-Morse pump

SAN DIEGO, Cal.—City Council has appropriated \$1250 for purchase of four 16-in. gate valves for the water dept.

MADERA, Madera Co., Cal.—**Geo. H. Taylor & Co.**, 2nd and Mission Sts., San Francisco, at \$2178.37 awarded contract by Trustees for fur. and del. pipe for water system extensions.

RAILROADS

DENVER, Colo.—The San Juan Development Company, stating as its purpose the construction of a railroad from Durango, Colo., to Gallup, N. M., to connect with the Santa Fe lines at the latter point, has filed articles of incorporation with the Secretary of State at Denver. The company is capitalized at \$5,000,000. General offices will be maintained at Los Angeles. The company's business will be confined to Colorado, New Mexico and Utah. The following were named as incorporators and directors of the company: R. V. Witter and J. A. Clay of Colorado and Harry Chandler, J. H. Coverley, E. P. Clark, Frank A. Miller, Edward Strassburg, F. X. Pfaffinger, George W. Scott, M. H. Sherman and F. W. Braun of California.

ARIZONA—Application has been filed by the Magna Arizona Railroad, Wm. Boyce Thompson, New York, president with the Interstate Commerce Commission for authority to sue and sell \$800,000 in par value capital stock. It is proposed to use the money to change the railroad from narrow to broad gauge, and also to alter grades and put it in condition for handling more traffic.

FIRE EQUIPMENT

REDDING, Shasta Co., Cal.—**Stutz Motor Co.** at \$12,000 awarded contract by trustees to furnish motor fire engine, 150-hp., with pumping capacity of 100 gals. min.

EL CERRITO, Contra Costa Co., Cal.—**American La France Fire Engine Co.** awarded contract by Town Trustees to furnish two Ford chassis for fire department, at \$1109 each.

BURLINGAME, San Mateo Co., Cal.—City Engineer C. S. Torello preparing spec. for installation of fire alarm system. Est. cost, \$10,000.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

CALIFORNIA—Following bids rec. by State Highway Commission June 26:

Marin County bet. Alto and Belve-

dere Crossing, 3.5 mi. involy 1,000 cu. yds. excav. without classification, 4720 cu. yds. gravel surface; 262 cu. yds. clay, 100 cu. yds. gravel, 100 cu. yds. concrete, 88 lin. ft. 12 in., 210 lin. ft. 15-in., 166 lin. ft. 18 in. and 56 lin. ft. 24-in. corrug. iron pipe, 32 monuments.

J. A. Mott and M. C. Press, 48,412.00
 Geo. Byron, 48,412.00
 J. A. Costello Jr., S. F., 48,421.00
 Palmer & McBryde, S. F., 51,881.50
 Carl Harlowe, Jr., S. F., 51,900.50
 R. H. Pierce, Auburn, 53,587.50
 L. L. Burr, San Francisco, 54,939.00
 Healey, Moore & McNair, Oakland, 57,922.00
 A. J. & J. L. Fairbanks, 60,113.50
 J. Wilbushurst, San Francisco, 60,750.50
 Johnston Contracting Co., Portland, 60,928.50
 Gustave de Breteville, S. F., 62,231.50
 Bates & Borkland, Oakland, 62,303.00
 Blumenkranz & Vernon, 62,657.50
 Grant Smith & Co., S. F., 67,692.52
 C. H. & A. W. Gorrell, Oakland, 69,661.50
 Engineer's estimate, \$59,543.50.

Eng. 21

Imperial County, bet. El Centro and Imperial, 2 mi., involy 36,500 cu. yds. embankment without classification; 3220 cu. yds. Class A Port cement conc. (payment).

John F. Knott, Turlock, 33,552.00
 H. H. Peterson, San Diego, 57,151.80
 Dillon, Patterson & Down, Los Angeles, 57,336.00

J. A. Costello Jr., S. F., 113,049.00
 Geo. H. Oswald, L. A., 41,707.00
 Chas. G. Frisbie, L. A., 18,972.50
 L. H. Atkinson, 54,423.00
 K. H. Fisher, Co. Oakland, 58,570.00
Colusa County, in town of Williams, 0.3 miles involy 300 tons asph. conc. surfacing.
 J. A. Costello Jr., San Francisco, \$3190
 Engineer's estimate, \$7200.

MODESTO, Stanislaus Co., Cal.—City Eng. Geo. Freitas completes spec. to imp. Sycamore Ave. bet. Stoddard and Lateral No. 1 of Modesto Irrigation District. Invol. 37,728.33 sq. ft. grading; 15,230 cu. yds. 2 1/2-in. asph. conc. base with 1 1/2-in. Warrenite surface pavement; 2896.10 sq. ft. gutter; 1924.84 lin. ft. curb; 132.50 lin. ft. head; 706.8 No. 700 marbleite standards and foundations; 6 No. 104 G. E. globes; 6 No. 1104 G. E. canopies; 6 G. E. bands and 6 acorns for same; 8 pull-in boxes; 991.20 lin. ft. 1-in. conduit; 1290 lin. ft. 3-in. conduit; 3333.60 lin. ft. No. 10 R. C. wire. Est. cost \$12,037.27. Protests July 17.

Spec. completed to imp. Morris Ave. bet. McHenry to west line Blocks 605 and 606 and Auburn and Castle Sts. Invol. 168,200.08 sq. ft. grading; 154,809.47 sq. ft. 2 1/2-in. asph. conc. base with 1 1/2-in. Warrenite surface pavement; 18,390.66 sq. ft. gutter; \$325.72 lin. ft. curb; 1258 lin. ft. head; 27 No. 700 Marbleite standards; 27 No. 104 G. E. globes; 27 No. 1104 G. E. canopies; 27 G. E. bands and 27 acorns for same; 83 pull-in boxes; 448.44 lin. ft. 1-in. conduit; 578.00 lin. ft. 3-in. conduit; 169.32 lin. ft. No. 10 R. C. wire. Est. cost, \$47,964.72. Protests July 12. Geo. Freitas, city eng.

PACIFIC GROVE, Monterey Co., Cal.—W. H. Ten Eyck was the only bid received by the City Trustees for the construction of the tennis court—\$968. This bid was considered equitable, inasmuch as the engineer's estimate was \$1000, and the contract was awarded.

LOS ANGELES, Cal.—**D. D. McGray**, 416 American Bank Bldg., was awarded contr. by Board of Public Works June 22, at \$9006.08 for grading and paving 175 ft. bet. York Blvd. and Alhambra St., involy 641 sq. ft. conc. paving at 30c ft., 13,932 sq. ft. rough grading at 4c ft.; 43,332 sq. ft. oiling and rolling at 7c ft.; 1037 ft. curb at 70c ft.; 894 sq. ft. walk at 23c ft.; 4996 sq. ft. conc. gutter at 33c ft.; \$750 reinf. conc. culvert, complete. Engr's est. \$8689.40.

George J. Beck, box 162, Palms, was awarded contr. at \$56,16.78 for grading and oiling 100 ft. bet. York Blvd. and Alhambra St., involy 641 sq. ft. conc. paving at 30c ft.; 13,932 sq. ft. rough grading at 25c ft.; 10,608 sq. ft. oiling and rolling at 7c ft.; 775 ft. curb at 70c ft.; 3888 sq. ft.

walk at 22c ft., 1623 sq. ft. conc. gutter at 32c ft., two catch basins, complete, \$220; 60 ft. house sewers at \$1.75 ft. Engineer's est., \$5494.28.

TRACY, San Joaquin Co., Cal.—Bids were received as follows on June 22, by Geo. L. Frerichs, city clerk, to improve portions of 11th St. as follows: 21,000 sq. ft. grading; 26,880 sq. ft. paving; 437 cu. yds. excav. and 161 cu. yds. embankment; cost \$9718.

1st. West Park and city limits, inv. 29,643 sq. ft. grading; 26,748 sq. ft. oil macadam paving; 722 cu. yds. excav. and 271 cu. yds. embankment; cost, \$9812.30.

1st. East St. and West Park, 63,663 sq. ft. grading; 124,570 sq. ft. and 40,882 sq. ft. int-section oil macadam paving; 7622 cu. yds. curb; 5440 cu. yds. excav.; cost, \$79,261. W. D. Harrington, city eng.

J. E. Johnston, Stockton, Cal., \$4,701.51
Grant Smith Co. S. E., \$105,554.09
P. H. Sloan, Haywards, \$117,700.38
Bids were taken under advisement until June 29.

WHITTIER, Los Angeles Co., Cal.—Until 7:30 p.m., July 10, bids will be received by City Trustees for improving alley bet. Greenleaf and Bright Aves., from Luella St. to Broadway, and a portion of Luella St., by grading and paving with 2-in. asphalt, const. 1911 Act.

At the same meetings bids will also be received for improving alley bet. Greenleaf and Comstock Aves., from Baldwin St. to Walnut St., by grading and paving with 2-in. asphalt, const. 1911 Act. Clarence O. Trueblood, clerk.

INGLEWOOD, Cal.—C. W. Sparks, 457 S. Lake St., awarded contr. by City Trustees at \$15,831.75 for paving Market St. bet. Pimiento St. and Redondo Ave. with 6-in. cem. conc. The bid was: 10c grading; 2.17c paving; \$984 total, conc. culvert complete.

SALINAS, Monterey Co., Cal.—City Eng. Donald Davies preparing spec. to improve Maple St. bet. South Main and Pajaro, a distance of one block.

FRESNO, Fresno Co., Cal.—Bids will be asked about July 6 by City Council to improve Ferida Way bet. Lumber Lane and Van Ness Blvd. and Merced Ave. and pt. 150 ft. south, by grading, const. conc. curbs and gutters, cement walks; corr. culverts; paving with 2-in. asphalt, const. base with 1 1/2-in. Warrentite-bitulite surface, Wm. Stranahan, city eng.

OAKLAND, Cal.—Until July 6, 12 M. bids will be rec. by Eugene K. Sturgis, city clerk, to improve portions of 76th Ave. by grading, const. conc. curbs and gutters and paving with oil macadam. Imp. Act 1911. W. W. Harmon, city eng.

SOUTH PASADENA, Cal.—Trustees declare intention to pave Marengo Ave. bet. Mission and Oak Sts. with 3-in. crushed rock and oil, including grading, const. conc. gutters, 5-ft. walks, curbs, 6-in. vit. pipe laterals. 1911 Act. Nettie A. Hewitt, clerk.

MODESTO, Stanislaus Co., Cal.—City Engineer Geo. Freitas completes spec. to const. storm water sewers in District No. 1, inv. replacing of 43,529.18 sq. ft. pavement; 15,986.37 cu. yds. excavating (pavement included); 2923 lin. ft. 8-in. vit. pipe for storm water int.; 1362 lin. ft. 10-in. vit. pipe; 534 lin. ft. 12-in. vit. pipe; 2056.50 lin. ft. 18-in. rein. conc. pipe; 2576.25 lin. ft. 24-in. 1682.85 lin. ft. 30-in. and 2912 lin. ft. 36-in. rein. conc. pipe; 23 lb. manholes 1" special manhole; 26 cement conc. storm water int.; 51 cast-iron inlets to be connected with sewers; 6 manholes to be removed, and removal of 1911 Act. existing 6-in. sewer. Est. cost, \$75,522.10. Protest July 12. Geo. Freitas, city eng.

ALAMEDA, Alameda Co., Cal.—Until July 5, 8 p.m., bids will be rec. by W. F. Varner, city clerk, to bore well in Franklin Park. Spec. may be had from Supt. of Parks, City Hall.

SAN JOSE, Santa Clara Co., Cal.—Sealed bids will be received by the clerk of the Board of Supervisors of Santa Clara County until 11 o'clock a.m., Monday, July 3, 1932, for the improvement of First St. and Bodfish Mill Rd. in the city of Gilroy, in Supervisor District No. 1, in said county. Specifications on file in the office of the Board. Henry A. Pfister, clerk. A change of \$2 will be required for the plans.

SAN FRANCISCO, Cal.—City Eng. M. M. O'Shaughnessy completes spec. to improve Hearst Ave. bet. Edna and Detroit. Est. cost, \$6425, inv. 114 cu. yds. cut; 475 cu. yds. fill; 600 lin. ft. conc. curbs and 18,000 sq. ft. asphalt conc. pavement.

SAN FRANCISCO, Cal.—C. B. Cowden at \$12,680 awarded contract by Board of Public Works to construct sewer in Great Highway from Noriega St. south.

SAWTELE, Cal.—Plans are underway for paving 9 St. (or Federal Ave.) in Sawtele from San Vicente Blvd. to Santa Monica Blvd.

WILLOWS, Glenn Co., Cal.—Until July 7, 2 P. M., bids will be received by H. G. Rawlins, Clerk, Willows Union School for constructing sanitary sewerage grounds at new school building. See call for bids under official proposal section in this issue.

ANAHEIM, Cal.—Until 8 P. M., July 12, bids will be received by City Clerk Edw. B. Merritt, for constructing sanitary sewers in certain streets, involving 10,143 sq. ft. vitrified pipe, 328 6-in. in Y.S. 338 4-in. vitrified caps, 16 manholes complete, 11 flush-tanks complete, except 3 siphons; 3 flush-tanks to be engineered to manholes; 1 cast-iron check or bond, 100, O. R. Steward, City Engineer.

POMONA, Cal.—H. H. Lachman, 426 Brookside Ave., Redlands, awarded contract by City Council at \$22,828, for paving Holt Ave., between Park Ave. and Hamilton Blvd., involving 118,500 sq. ft. oiled macadam.

WOODLAND, Yolo Co., Cal.—J. Witzelberger, Woodland, awarded contract to construct approximately 16,600 lin. ft. concrete curbs and gutters in various streets, grading, 40c, concrete curb, 20c; concrete gutter, type A, 50c; concrete gutter, type B, 50c; combination concrete curb and gutter, type A, 70c; combination curb and gutter, type B, 90c.

BAKERSFIELD, Kern Co., Cal.—Until 5 P. M., July 2, bids will be received by City Clerk W. Van Riper for grading and paving a portion of Union Ave. with 12-in. Warrentite-bitul, wearing surface on 3 1/2-in. asphalt conc. base; also a portion of same street to be graded and surfaced with asphalt and rock screenings; all in street district No. 449; 1911 Act. W. D. Clarke, City Engineer.

MONTEREY, Monterey Co., Cal.—City Council, H. J. Mason, Clerk, declares 167c per cu. yd. for const. 6-in. sewer in portions of Block 1140A; 126 and 125, also 6-in. lateral sewers in Van Bruen St., wye branches, manholes, etc., 1911 Act. Protest July 5. H. D. Severance, City Engineer.

SAN DIEGO, Cal.—G. R. Daley, 440 McNece Bldg., San Diego, was awarded contract for paving Third St. between Washington and University Aves. with asphaltic concrete surface on asphaltic concrete base at 16.1c sq. ft.

SAN BERNARDINO, Cal.—Improvement plans for 8 miles of Big Bear Valley Blvd. between Lake and the northern rim of mountain, prepared 2 years ago by County Surveyor E. H. Hays, have been received. It is now proposed to do the work under the 1907 Act.

LONG BEACH, Cal.—Until 9:30 A. M., July 5, bids will be received by City Clerk H. C. Wauchop, to improve Gardena Ave., between 10th St. and 650 ft. north, by paving with 6-in. cement concrete, const. 1911 Act. 30c curbs and 5-ft. walks on Gardena Ave., bet. 10th and 11th Sts. 1911 Act.

SAN PABLO, Contra Costa Co., Cal.—Until July 6, 7:30 P. M., bids will be received by R. V. March, Secretary, San Pablo Sanitary District, to construct 6-in. vitrified sewer in portions of Richmond, Schell Ave., Fairview, Second, Third and Fourth Sts., etc., including construction of brick and concrete manholes, lampholes, wye branches, etc. Improvement Act 131. Ross L. Caffee, 221 So. 22nd St., Richmond, Engineer for District.

SAN DIEGO, Cal.—California Constr. Co., 528 Granger Bldg., San Diego, awarded contract to pave Grape St., bet. 5th and 2nd Sts., and bet. Front and Atlantic Sts., and a portion of Front St., at 16c sq. ft. asphalt conc. surface on asphalt conc. base, 22c sq. ft. one-course cement concrete paving, 80c sq. ft. curb and gutter, 10c for 2nd course concrete curb, 5c sq. ft. removal of cement walk, 22c sq. ft. walk, \$100 (2) conc. inlets, 10c; (2) conc. outlets, \$60 concrete 30-in. sewer, 10c; 100 ft. corrugated iron and concrete culvert.

STOCKTON, San Joaquin Co., Cal.—Until July 11, 10:30 a.m., bids will be rec. by A. L. Banks, city clerk, to imp. Marsh St. and from 25 ft. east of Court Alley to Fair Oaks Ave., East Church St., East Hazelton Ave. and East Scotts Ave., from pt. 25 ft. east of Court Alley to Searchlight Ave.; East Taylor St., bet. McDonnell and Searchlight Aves.; McDonnell and Sharon Aves. bet. E. Taylor and Fair Oaks Ave., by grading, const. comb. curb and gutters; conc. walks; east side of McDonnell Ave. opposite Block 22, by const. conc. walks; on west side McDonnell Ave., north 65 ft. of Lot 33 in Block 1, Searchlight Addition, by paving with 1-in. cementing gravel base with 2-in. asphalt macadam surface, 1911 Act and Bond Act 1915. W. B. Hogan, city eng.

GLENDALE, Cal.—Cornwell & Henderson, 127 S. Glendale Ave., Glendale, submitted low bid to City Trustees at about \$394.66 for oiling and surfacing Chestnut St., involving 599 lin. ft. grading at 50c ft., 21,788 sq. ft. oiling and surfacing at 2c ft., 129 ft. curb at 50c ft., 607 sq. ft. walk at 18c ft., 625 pipe at \$1.40 ft.

Peter L. Perry, 614 E. Acacia Ave., Glendale, submitted low bid at about \$15,380.66 for oiling and surfacing Louise St. bet. Broadway and Windsor Rd., inv. 112,946 sq. ft. oiling and surfacing at 5.25c ft., paving 2138 ft. 3-in. pipe at \$2.80 ft., laying 6-in. pipe at \$1.70 ft.

Fleming Constr. Co., 105 N. Park Ave., Pomona, submitted low bid at about \$927 for const. 5150 sq. ft. sidewalk.

Geo. R. Curtis, 2440 E. 26th St., Los Angeles, awarded contr. at \$42,388.69 for paving Brand Blvd. bet. Colorado and Windsor Sts. with White.

Cornwell & Henderson, 127 S. Glendale Ave., Glendale, awarded contract at \$955.41 to const. 523 sq. ft. on Western Ave.

BAKERSFIELD, Kern Co., Cal.—Following bids rec. by Arthur S. Crites, secy. Security Trust Co. to grade Mission Temple site on 18th St. bet. F and D Sts.:
F. W. Nighbert, 10 H St., Bakersfield, 75c per cu. yd. for excavation and \$1 per cu. yd. haul. The Worden-Jones Co., Brower Bldg., Bakersfield, \$2200.
M. Bender, 771 and P Sts., Bakersfield, \$2951.
W. Hartman, 180, M St., Bakersfield, 40c per cu. yd. for excavation.

There will be a four-story and basement concrete temple built on the site, plans were prepared by Architect Carl Werner, Humboldt Bank Bldg., San Francisco.

OAKLAND, Cal.—Until July 6, 12 M. bids will be rec. by E. K. Sturgis, city clerk, to const. 8-in. vit. sewer in portions of Goldman Ave., 3 lb. manholes, 12c pipe lamphole and drop connection, wye branches, etc.

Separate bids to imp. portions of 76th Ave. by grading, conc. curbs and gutters and paving with oil macadam. Separate bids to imp. portions of 1st Ave. by grading, const. conc. curbs and gutters and paving with oil macadam. W. W. Harmon, city eng.

SAN GABRIEL, Cal.—The \$260,000 bond issue of the San Gabriel County Water District carried at the election held June 22. The project district includes a portion of the city of San Gabriel and adjacent county territory, a total of about 21,000 acres, on which there are four wells, from which a water supply is to be taken. Water Co.'s properties near the Raymond dike, Pasadena. The funds voted will be used to construct pipe lines and reinforced concrete reservoir, J. A. Bell, San Gabriel is general manager and engineer of the district.

SAN JOSE, Santa Clara Co., Cal.—City Council, John J. Lynch, Clerk, declares intention to improve Elkhart St., bet. Williams and Virginia by regrading, paving with 3-in. asphaltic concrete base with 1½-in. asphaltic concrete surface, concrete curbs and gutters, brick catchbasins with 8-in. vitrified sewer pipe connections. 1915 Bond Act. Wm. Popp, City Engineer.

CALIFORNIA—Until July 24, 2 p.m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, for highway unit in Mendocino County bet. Hopland and El Robles, about 9.9 mi. in length; 9.9 mi. to be graded and 6 mi. to be paved. Auditor, R. Fletcher, State highway eng. See call for bids under official proposal section in this issue.

RICHMOND, Contra Costa Co., Cal.—City Council rejects bids to improve 29th St. bet. Cutting and Potrero Sts., due to irregularities in bid of lowest bidder. Project involves 972.35 cu. yds. excavation; 234.82 cu. yds. fill; 30,630 sq. ft. asphalt concrete pavement; 2325 sq. ft. walks; 2277 sq. ft. gutter; 2322 lin. ft. curb; 29 lin. ft. curb bar; 30 lin. ft. corrugated culvert.

El Centro, Cal.—\$11,522; Auzek, \$11,133; Hutchinson Co., \$11,395. New bids will be asked. H. D. Chapman, city eng.

VACAVILLE, Solano Co., Cal.—Trustees declare intention to pay Cernon St. for a distance of three blocks.

SACRAMENTO, Cal.—Byrne & Yost, 2512 N. St., Sacramento, at \$14.80 cu. yd. (approx. \$35,000) awarded contract by Supervisors to pave Vorden Rd. with 6 in. concrete.

SANTA ANA, Orange Co., Cal.—Supervisor Wm. Schumacher announces plans for paving program amounting to about \$240,000 in third district. Three paving districts will be organized, one along south Placentia Ave. bet. Olive Blvd. and Junction of State Highway near old Cabin oil station, about 1 mi. north, and an extension of the paving recently completed on North St., carrying the pavement across Golden State bridge to Brea Canyon Rd., 4 mi. the third, from Round Table Club house to Placentia through Standard Oil properties, 4½ mi. About 15 mi. of gravel roads costing \$3000 per mile, will be built in addition to this work.

SACRAMENTO, Cal.—Clark & Henery Const. Co., Ochsen Bldg., awarded contract by City Commission to imp. Mission Way from J. St. to Noble Court. Conc. curbs and gutters; 6-in. gutter drains with 6-in. vit. sewer connections; conc. manholes; vit. sewer with 6-in. vit. wye branches; extend 6-in. vit. sewer services to curb; 3-in. water main connections; grading and paving with 5½-in. asphalt. const. Alley 1st south of H St. in Mont Clair from sewer in place in alley along west line Noble Court to Golf Crest. Const. vit. sewer with 6-in. vit. wye branches; conc. manholes; 6-in. flusher branch; 43rd St. bet. J and alley first south of H St. in Mont Clair, by const. vit. sewer with 6-in. vit. wye branches; extend 6-in. vit. sewer services to curb; conc. manhole.

To Clark & Henery Constr. Co., 25th St. bet. Y and Castro Way: Conc. curb and gutter; c. i. gutter drains with 6-in. vit. sewer connections; conc. manholes; reconst. manholes; grading and paving with 5½-in. asphalt. const. To J. W. Terrell, 1111 29th St., Sacramento, 13th Ave. bet. 44th and 45th; Const. vit. sewer; conc. manholes; 45th

Ave. bet. 13th Ave. and pt. 4 ft. south of center line of alley bet. 13th and 14th Sts., by const. vit. sewer with 6-in. vit. wye branches; conc. manhole; alley bet. 13th and 14th, from 45th to 47th Sts., by const. vit. sewer with 6-in. vit. wye branches; conc. manholes.

To Jenkins & Elton, 3500 Y St., Stockton Blvd. bet. 31st and S. P. right of way, and bet. S. P. right of way to 2nd Ave., by const. conc. curbs and gutter; c. i. gutter drains; 6-in. vit. sewer pipe connections to manholes; conc. manholes; const. vit. sewer, 6 ft. wide conc. walks.

To McHughway Const. Co., Capital National Bank Bldg., 9th Ave. bet. Franklin Blvd. and 23rd St., Const. conc. curbs and gutters; c. i. gutter drains with 6-in. vit. sewer pipe connections; const. 10-in. vit. sewer; reconst. manholes; 4-in. water main connections; grading and paving with 5½-in. asphalt. const.

OROVILLE, Butte Co., Cal.—City Trustees, J. W. Gibson, Clerk, declares intention to improve Yeatch St. bet. Robison and Osage Aves. by grading, paving with 2½-in. asphaltic concrete base with 1½-in. Warrenite-Bituthic surface, concrete curbs and gutters, concrete catchbasins, c. i. gutters. Improvement Act 1911 and Bond Act 1915. Protests July 7. S. J. Norris, City Engineer.

OAKLAND, Cal.—Thos. F. Geary, 357 12th St., Oakland, awarded contract by Council to sewer portions of Harrison Creek, 21-in. vitrified sewer, 175 lin. ft.; 30-in. concrete sewer, 175 lin. ft.; 10-in. pipe conduit, \$1.10 lin. ft.; brick manholes, \$115 each; brick and concrete manholes, \$110 each; brick catchbasin, \$145 each; vitrified pipe drop connection, \$20 each; vitrified wye branch, \$35.00 each; vitrified pipe slant, \$4 each; removing existing sewer, 400 lin. ft.; removing manholes, \$65 each; removing manholes, \$25 each.

SEATTLE, Wash.—John Mattson, Seattle, at \$273,217 under Prop. A, and \$274,027 under Prop. B, submits low bid to Board of Public Works for grading, etc., of West Marginal Way et al. Engineer's estimate \$272,330.

RED BLUFF, Tehama Co., Cal.—Until July 11, 10 A. M., bids will be received by H. G. Kuhn, County Clerk, to repair certain roads in Supervisor District No. 3. Specifications on file in office of clerk.

MERCED, Merced Co., Cal.—City Trustees, W. W. Cornell, Clerk, declares intention to improve 22nd St. between 12th and R Sts., including 400 sections of P and Q Sts., by grading, paving with 3½-in. asphaltic concrete base with 1½-in. Warrenite-Bituthic surface, concrete curbs and gutters, concrete catchbasins with cast iron culverts with hydr. bases. Improvement Act 1911 and Bond Act 1915. Protests July 17. C. D. Martin, City Engineer.

TURLOCK, Stanislaus Co., Cal.—City Trustees, A. P. Ferguson, Clerk, declare intention to improve North Broadway from pavement in place in July 1st to right-of-way line of California 4 of Turlock Irrigation District, by grading, paving with 3-in. asphaltic concrete base with 1½-in. Warrenite-Bituthic surface, curbs, gutters and walks; 1 catchbasin, culverts. Const. Act 1911 and Bond Act 1915. Protests July 16. Horace Hall, City Engineer.

SACRAMENTO, Cal.—Until July 6, 9 p.m., bids will be rec. by H. G. Denton, city clerk, to improve the following streets:

Seventh Ave. bet. Sacramento Blvd. and Washington Way: Conc. curbs and gutters; c. i. gutter drains with 6-in. vit. manhole connections; connecting manholes with 8-in. vit. pipe; const. conc. manholes; reconst. conc. manholes; 4-in. water main connections; grading and paving with 5½-in. asphalt. const.

San Miguel Way from D St. to trunk line sewer in H St., by const. vit. sewer with 6-in. vit. wye branches; extend 6-in. vit. sewer services to curb; conc. manholes; c. i. gutter drains with 6-in. vit. sewer connections; D St. bet. San Miguel Way and San Antonio Way: Const. vit. sewer with 6-in. vit. wye

branches, extend 6-in. vit. sewer services to curb; San Antonio Way bet. D and trunk line sewer in H St., by const. vit. sewer with 6-in. vit. wye branches, extending 6-in. vit. sewer services to curb; conc. manholes; c. i. gutter drains with 6-in. vit. sewer connections; eastment owned by city through Lot 21 of Terrace Villa from manhole in place on trunk line sewer on north portion of said lot to D St., by const. vit. sewer.

43rd St., bet. 4th and Rose Ave. Tract, Conc. curbs and gutters; c. i. gutter drains with 6-in. vit. sewer connections; conc. manholes; extend 6-in. vit. sewer services to property line; const. 8-in. vit. sewers; 3½-in. water main connections; grading and paving with 5½-in. asphalt. const.

48th St. from Folsom Blvd. to S. P. right of way: Conc. curbs and gutters; c. i. gutter drains with 6-in. vit. sewer connections; reconst. manholes; extend 6-in. vit. sewer services to curb; 1-in. water main connections; grading and paving with 5½-in. asphalt. const.

10th St. bet. 6th and G Sts. and H St. bet. 6th and 19th Sts., excepting certain intersections, by: Ailey bet. 48th and Discovery Way from manhole in alley first north of H St. to R St., by const. vit. sewer with 6-in. vit. wye branches; conc. manhole; 6-in. vit. sewer pipe flusher branch. Albert Givan, city eng.

SAN JUAN, San Benito Co., Cal.—L. E. Durfee, City Clerk, at \$892 awarded contract by Town Trustees to lay 1000 ft. water pipe.

MILL VALLEY, Marin Co., Cal.—At an informal meeting of the Town Trustees it was decided to postpone the proposed paving of District 7, or Cascade District, until next year. J. C. Oglesby, Cheeda Block, San Rafael, town eng.

LONG BEACH, Cal.—Council declares intention to improve portions of Pine and Lockett Aves., First, Third, Fourth, Fifth, Sixth, Eighth, Ninth and Tenth Sts., and other streets and avenues, by constructing curbs, walks, concrete gutters, 20-in. reinforced concrete pipe sewers, catchbasins, etc. 1911 Act.

COLUSA, Colusa Co., Cal.—Until July 3, 8 P. M., bids will be received by B. L. McCue, City Clerk, to furnish and lay sewer pipe, for distance of approximately 1 mile. Certified check \$7000 payable to President of Board of Trustees required. Specifications on file in office of clerk.

NAPA, Napa Co., Cal.—Until July 11, bids will be received by Jas. A. Daly, County Clerk, to construct Browns Valley Highway from Napa City limits to the Hobson corner in Browns Valley, 3.16 miles in length, 6-in. concrete, 18-in. flange, O. H. Buckman, County Surveyor.

MERCED, Merced Co., Cal.—Until July 17, 8 P. M., bids will be received by W. W. Cornell, City Clerk, to improve alley in block 128, by grading, wood curbs and paving with 2½-in. asphaltic concrete base with 1½-in. Warrenite-Bituthic surface with seal coat, 1915 Bond Act. C. D. Martin, City Engineer.

SAN JOSE, Santa Clara Co., Cal.—Hugh Crammey, San Jose, awarded a contract by Council to improve 14th street, between Willow and Point streets, 363.15 ft. south, by grading, paving with 3-in. asphaltic concrete base with 1½-in. Warrenite-Bituthic surface, concrete curbs gutters and walks.

OAKLAND, Cal.—City Council, E. K. Sturgis, Clerk, declares intention to improve portions of 36th Ave., by grading, constructing concrete curbs and gutters, paving with oil macadam, 1911 Act. Protests July 13. W. W. Harmon, City Engineer.

LONG BEACH, Cal.—Plans have been completed for constructing Pine Ave. storm drain. Bids will be called for shortly. The Linden Ave. storm sewer contract will be let in September.

SAN RAFAEL, Marin Co., Cal.—Until July 10, 8 p. m., bids will be received by Eugene W. Smith, City Clerk, for covering certain streets with asphalt concrete wearing surface, approximately 276,000 sq. ft. Bids will be considered for following types: (a) fine graded aggregate type; (b) coarse graded aggregate type. Warrenton bitulithic. Deposit of \$3 required for specifications. H. K. Brainerd, City Engineer.

PHOENIX, Ariz.—Phoenix-Tenpe Stone Co., Phoenix, awarded contract by City Commission for paving portions of Garfield St. and Valley St. bet. Churchill Addition, involving 1108.62 sq. yds. bitum. base with bitul. top paving at \$2.55 yd.; 666.6 sq. yds. concrete paving at \$2.35 yd.; 177.5 sq. yds. grading at 20c. yd.; 493.78 lin. ft. combined curb and gutter at \$1.44 ft.; 31.6 ft. single curb at \$1.41; 36 ft. single gutter at \$1.41; 43.36 ft. valley gutter at \$1.45; 14.4 in. 6-in. conc. pipe at \$1.35 ft.; 2.5 ft. 12-in. vitrified pipe at \$2.50 ft.; 20 ft. 12-in. vitrified pipe, "detail St." at \$2.75 ft.; two 12x6-in. trees at \$1.50 ft.

SAN JOSE, Santa Clara Co., Cal.—Until July 10, 8 p. m., bids will be received by John A. McGee, City Clerk, for St. James St. bet. San Pedro and River St., by grading; paving with 3-in. asphalt, base with 1 1/2-in. Warrenton-bitulithic surface; conc. curbs and gutters; art stone water catch basins; 8-in. vit. pipe drains. Wm. Popp, city eng.

TUCSON, Ariz.—Award of paving contract on Toole Ave. and Alameda and Driscoll Sts. has been held up by owners' petitions, one group requesting award to be made on Willitte, and another requesting investigation of Willite paving by city eng. The time of presentation of petitions is disputed and the matter has been deferred.

SAN BERNARDINO, Cal.—E. W. Secor awarded contract to const. 14-in. vit. pipe sewer in I St. bet. Eighth and Base Line Sts.; 8-in. pipe sewer in I St. bet. I and 2 Sts. and 5-in. pipe sewer in 2 St. bet. 2 and 3 Sts.; at the following prices: 40c ft. 1-in. vit. pipe connecting sewers; 40c ft. 1-in. cast iron connecting sewers; 75c ft. 2-in. sewer; 113c ft. 4-in. sewer; \$70 each manholes; \$110 each flush tanks, complete.

SACRAMENTO, Cal.—City Commission, H. G. Denton, clerk, declares intention to improve:

Eighth Ave. from sewer in Franklin Blvd. to 23rd St., const. conc. curbs and gutters; 4-in. gutter drains with 6-in. vit. manhole connections; 8-in. vit. sewer; 3-in. water main connections; grading and paving with 5 1/2-in. asphalt, conc. 2nd St. bet. 5th and 9th Aves., by const. vit. sewer, conc. manhole.

Seventh Ave. bet. San Diego Way and Stockton Blvd., const. conc. curbs and gutters; 4-in. gutter drains with 6-in. manhole connections; grading and paving with 5 1/2-in. asphalt, conc.

10th Ave. bet. 5th and 8th Aves. const. conc. curbs and gutters; 3-in. water main connections; grading and paving with 5 1/2-in. asphalt, conc.

Folsom Blvd. from pt. 5-25 ft. east from 12nd St. to pt. 102 ft. east of 17th St., conc. curbs and gutters; 4 in. gutter drain bet. 5th and 7th Aves., connections; const. sewer, conc. and const. manholes; grading and paving with 5 1/2-in. asphalt, city eng.

RIVERSIDE, Cal.—Warren Constr. Co., Oakland, submitted low bid to Supervisors at \$176,666 for paving with 5-in. asphalt, conc. 7.8 mi. in R. D. I. No. 2, Nevada to Thermal. Other bids were: Geo. H. Oswald, \$191,000; Braun, Bryant & Austin, \$215,000. Bids taken under advisement.

REDDING, Shasta Co., Cal.—City Council has approved spec. for paving South Market St. to connect with State highway, est. cost \$17,000, and bids will be asked shortly for two types of pavement, both to be laid with Warrenton surface and concrete. Pavement will be 18 and 15 ft. wide. R. A. Tolson, city manager.

OAKLAND, Cal.—J. H. Fitzmaurice awarded contract by Council to construct sidewalks in portions of 73rd Ave., Arthur, Lockwood and Weld Sts. at \$1.99 sq. ft.

MERCED, Merced Co., Cal.—Valley Paving Co., at 30c cu. yd., awarded contract by City Trustees to furnish 1000 cu. yds. of dirt to fill in portions of G St.

OAKDALE, Stanislaus Co., Cal.—A. Teichert & Son, Ochsenburg Bldg., Sacramento, at approximately \$50.00 awarded contract to pave portions of East and West Railroad, Third Ave. and G St., with Warrenton pavement.

OAKLAND, Cal.—Until July 6, 12 p. m., bids will be received by E. K. Sturges, City Clerk, for furnishing sewer pipe for fiscal year ending June 30, 1923, to be delivered as required. Bond of \$500 required of successful bidder. Specifications on file in office of Clerk, W. W. Harmon, City Engineer.

PHOENIX, Ariz.—Ben Pearce has been awarded contract at \$65,765.84 for constructing the Nogales-Willows highway 2 1/2 miles, using cement concrete. Borderland Constr. Co., submitted next lowest bid at \$66,910, for bitulithic paving.

BAKERSFIELD, Kern Co., Cal.—Proceedings to improve Street District No. 81, Oak street bet. 24th and 4th Sts., have been abandoned by the City Council. W. D. Clarke, City Engineer.

KLAMATH FALLS, Ore.—A. L. Graham, Klamath Falls, at \$22,000 awarded contract by California - Oregon Power Co., to install all miles of water mains in this city.

SASADENA, Cal.—City Directors declare intention to const. 3-in. c. i. Class B water main in Logan St. bet. Fair Oaks and Marengo Aves. and a 4-in. main in Buckeye St. bet. Los Robles and Garfield Aves.

LOS ANGELES, Cal.—Nick Tebeck, 425 W. 78th, low bidder at about \$125,000 to const. sewer in 121 Sereno Ave. sewer dist.

MERCED, Merced Co., Cal.—County Surveyor A. E. Cowell has been selected by Supervisors instead of C. C. Kennedy, as previously ordered, to prepare plans for road improvement in District No. 3. Work will consist of 16 ft. 5-in. asphalt, costing approx. \$18,000 per mi. Total est. cost, \$250,000. The roads to be improved are: 1. Road No. 1, connecting Dos Palos with State road at the county line, 3 1/2 mi.; connecting Dos Palos with Fresno Co. line, 5 mi.; roadway from Gasline-Yolla Rd. to connect it with State highway where it comes over the hill from Pacheco Pass to Los Banos. Work will be done under R. D. Dist. Imp. Act of 1907.

EAST SAN DIEGO, Cal.—Chamber of Commerce, through Secy. Edw. L. Head, announces that it favors construction of a city water system on district plan as proposed by the city. The report also favors 2-in. cast iron in place of wrought iron pipe. The resolution was introduced at directors' meeting by F. G. Blood.

RIEHLAND, Contra Costa Co., Cal.—Until July 10, 8 p. m., bids will be received by A. C. Faris, city clerk, to const. 24-in. vit. pipe, cutting and Potrero Sts. (grader's extension). Project involves 972.95 cu. yds. excavation; 234.82 cu. yds. fill; 30,630 sq. ft. asphalt, conc. pavement; 8235 sq. ft. walks; 2277 sq. ft. curb; 1222 lin. ft. curb; 20 lin. ft. curb bar; 30 lin. ft. corrugated culvert. 1911 Act and Bond Act 1915. H. D. Chapman, city eng.

STOCKTON, San Joaquin Co., Cal.—Schultz Construction Co., 46 Kearny St., San Francisco, awarded contract by City Council to sewer portions of D, E and P Sts., Linden Rd., Lincoln Ave. and Fremont St., etc., involving 12,750 lin. ft. 4-in. sewer pipe with 470 4-in. curved branches, 69 lin. ft.;

15,900 3/4 lin. ft. 6-in. pipe with 470 4 1/2 in. vit. pipe branches, 80 lin. ft.; 36 4-ft. dia. manholes, 36 each; 20 4-ft. dia. manholes and flush tanks, 140; 3 conc. manholes and flush tanks, \$130.

LOS ANGELES, Cal.—County Supervisors have included the following items in the budget recently adopted: \$75,000 to complete Brae Canyon Rd., \$5000 for repair of San Dimas Canyon Rd. and San Antonio Canyon Rd., \$100,000 for Workman Mill Rd. from Bassett to Whittier, \$35,000 for rebuilding Covina Rd., \$230,000 for Telegraph Rd., \$230,000 Harbor truck highway.

GLENDALE, Cal.—Until 7:00 o'clock P. M., July 6, bids will be received by City Clerk Vag. Wie at the City Hall, for the following street improvements: Thompson, Irving and Eighth Sts. and Raymond Ave., involving 2,171 lin. ft. grading, 1.5 mi. of Class B cement curb, 16,452 sq. ft. cement sidewalk, 6,959 sq. ft. cement gutter, 61,236 sq. ft. oiling and surfacing; and laying the following water pipe: 3,336 ft. 4-in. Class B cast iron pipe, 1,161 lin. ft. 8-in. Matheson Joint pipe; pipe to be furnished by the city.

Laurel and Eureka Sts., involving 57,550 sq. ft. resurfacing, and laying 1,683 lin. ft. 4-in. Class B cast iron water pipe, pipe to be furnished by the city.

Princeton St. bet. San Fernando Rd. and Gardena St., involving 22,674 sq. ft. resurfacing.

Salern St., from Columbus St. west, involving: 360 lin. ft. grading, 29,467 sq. ft. 2-in. oil macadam; and laying 958 lin. ft. 4-in. Class B cast iron water pipe, pipe to be furnished by the city. C. L. Hill, City Engineer.

YUPE CITY, Sutter Co., Cal.—M. C. Hilliard, 2500 Q St., Sacramento, at \$507.29 awarded contract to the City Trustees to fur. and lay 2250 ft. of water mains of following sizes: 6-in. and 3-in.; approx. 1100 ft. 4-in. pipe to be furnished by city; furnish and installing 1 fire hydrant; furnish material and making all connections with present water works system. Other bidders: Martin Murphy, Oakland, \$5921; G. Chick, Napa, \$6338.

SANTA CRUZ, Santa Cruz Co., Cal.—See bid spec. by City Council June 27 to improve portions of Erbes, Chicago, California, Younglove and Woodrow Aves. James K. James, city eng. Complete details of this project reported in our issue of June 8.

SAN BERNARDINO, Cal.—Council declares intention to improve Fifth St. bet. 1 St. and Mt. Vernon Ave. by paving with 5-in. macadam pavement, replacing portions with 1-in. macadam, constructing conc. gutters, 1911 Act.

BAKERSFIELD, Kern Co., Cal.—Kneen & Austin, Los Angeles, at \$174,538, awarded contract by City Council to imp. streets in Street District 77, involving 512,743 sq. ft. Warrenton pavement; 41,023 sq. ft. gutters; 12,000 sq. ft. curb and 1500 lin. ft. culvert. Unit bids are:

Kneen & Austin. (a) grading, .039; (b) paving, .203; (c) gutter, .29; (d) spec. culvert, 1.1; (e) st. culvert, 9.95; (f) sidewalk, .22; (g) 14-in. curb, .59; (h) 10-in. curb, .49.

Federal Construction Co., (a) .445; (b) .212; (c) .30; (d) 10.20; (e) .92; (f) .22; (g) .60; (h) .50. Total, \$177,792. Clark & Henry Const. Co., (a) .42; (b) .23; (c) .31; (d) .12; (e) 10.90; (f) .20; (g) .61; (h) .58. Total, \$186,557. Thompson Bros., (a) .04; (b) .22; (c) .32; (d) .13; (e) .19; (f) .65; (g) .57. Total, \$181,815.

Hugh Crummey, (a) .044; (b) .235; (c) .35; (d) .13; (e) 12.60; (f) .22; (g) .68; (h) .58. Total, \$197,935.

Warren Construction Co., (a) .442; (b) .225; (c) .285; (d) 10.50; (e) 11; (f) .21; (g) .50; (h) .52. Total, \$185,581.

NAFA, Napa Co., Cal.—R. E. Errington, Napa, at \$5500 awarded contract by Council to imp. Cross St. bet. Fine and Oak Sts. Grading, 95c cu. yd.; 2-course asphalt, conc. pavement, 40 ft. wide, 8c sq. ft.; conc. curb, 60c; conc. cathbasin, \$20.

ALHAMBRA, Cal.—An election will be held July 3 to vote on a \$100,000 bond issue for improvements to municipal water system.

COQUILLE, Ore.—Until July 10, 8 p. m., bids will be rec. by J. S. Lawrence, city recorder, to const. Rink Creek storage project, involv. construction of an earth and rock fill dam containing approx. 18,300 cu. yds. clearing, grubbing and stripping reservoir site, about 12 acres; rein. cone. gate tower; spillway lining; misc. piping valves and appurtenances. Deposit of \$25 req. for plans returnable, may be imp. alley from Stevens & Koon, consulting engineers, Spalding Bldg., Portland, Ore.

FRESNO, Fresno Co., Cal.—City Council, R. V. St. George, clerk, declares intention to imp. alley in Block 339, bet. Calaveras and San Joaquin Sts., by grading and paving with 5-in. conc.

Intention declared to const. cement walks in E. St. bet. Calaveras and San Joaquin Sts. Imp. Act 1911. Protests July 13. Wm. Stranahan, city eng.

BAKERSFIELD, Kern Co., Cal.—Until July 10, 8 p. m., bids will be rec. by V. Van Riper, city clerk, to imp. alley in Block 73 by grading, const. conc. curbs and gutters; paving with 3½-in. asph. conc. base with 1½-in. Warrenite surface. Street Dist. Imp. 450. Imp. Act 1911, and Bond Act 1915. W. D. Clarke, city eng.

BERKELEY, Alameda Co., Cal.—T. E. Clinch, 668 9th St., Richmond, awarded contract by council to const. 6-in. vit. sewer along line 1 ft. from Sacramento St. from Francisco St. south 250 ft.; one br. manhole and lamphole.

SAN JOSE, Santa Clara Co., Cal.—Until July 3, 5 p. m., bids will be rec. by John L. Lynch, city clerk, to const. 5th St. bet. Santa Clara and St. John, by regrading, paving with 3-in. asph. conc. base with 1½-in. asph. conc. surface. Wm. Popp, city eng.

BERKELEY, Alameda Co., Cal.—Until July 11, 10 a. m., bids will be rec. by E. M. Hann, city clerk, to imp. west 36 ft. of Euclid Ave., from east extension of Whitney Tract north to Bay View Place, and Bay View Place from Euclid to east line of Hopkins Terrace, by grading, const. comb. conc. curbs and gutters; 6-in. conc. pavement; 6-in. vit. sewers; cement walks, etc. Imp. Act 1911. C. L. Huggins, city eng.

SAN PABLO, Contra Costa Co., Cal.—San Pablo Sanitary District, Fritz Carlfield, secy. pro tem, declares intention to const. 6-in. vit. lateral sewers in Chesley Ave. bet. York St. and S. P. right of way; br. and cement manholes; lampholes; wye branches, etc. Imp. Act 1911. Protests July 13. Ross L. Calfee, 221 S. 22nd St., Richmond, eng.

SAN DIEGO, Cal.—Following bids received and taken under advisement by City Council for street and sewer improvements:

Mission Ave. bet. Georgia St. and Park Blvd.: Fairchild-Gilmore-Wilton Co. (a) 1500.7 cu. yds. earth excavation at \$1.25; (b) 15,524 sq. ft. asph. conc. paving surface asph. conc. base at \$18.5c; (c) 38.5 cu. yds. cement concrete sidewalk at 22c; (d) 717.6 lin. ft. cement curb at 65c; (e) box culvert, with appurtenances at \$30. G. R. Daley, (a) 30c; (b) 18.5c; (c) 25c; (d) 70c; (e) \$30. Alloys in Block 29. H. M. Higgins' Addition: John Engebretsen (a) earth excavation, 152.2 cu. yds. at \$1.67; (b) paving with one course concrete, 6000 sq. ft. at 22c; (c) 10.4-in. sewer and service laterals at \$17.50. V. A. Olson (a) 94c; (b) 21.5c; (c) \$17.50. Olof Nelson (a) \$2.50; (b) 82c; (c) \$19. 280 ft. bet. 32nd St. and a point 280 ft. E of 32nd St.: Olof Nelson (a) earth excavation, 1018.5 cu. yds. at 97c; (b) 127.2 cu. yds. earth embankment at 5c; (c) cement curb, 447 lin. ft. at 63c; (d) wood rail fence, 71.5 ft. long at \$75. L. G. Fenton (a) \$1.25; (b) 25c; (c) 70c; (d) \$100. John Engebretsen (a) 54c; (b) 4c; (c) 62c; (d) \$15. John Hansen (a) 54c; (b) 20c; (c) 73c; (d) \$70. Myrtle Ave., Herbert St., Albert St. and Richmond St.: H. G. Fenton (a)

earth excavation, 17,891.7 cu. yds. at 90c; (b) earth embankment, 16,002.1 cu. yds. at 15c; (c) cement sidewalks, 16,661.5 sq. ft. at 22c; (d) 2,277.5 lin. ft. cement curb at 70c; (e) four culverts compl. for \$2500. John Engebretsen (a) 55c; (b) 15c; (c) 22c; (d) 65c; (e) \$132.

E. 6th St., Ash St., Beech St. and 31st St.: John Engebretsen (a) earth excavation, 5,149 cu. yds. at \$1.15; (b) earth embankment, 166.5 cu. yds. at 5c; (c) 238.7 lin. ft. cement curb at 65c; (d) 22.5 lin. ft. cement sidewalk at 30c; G. R. Daley (a) 90c; (b) 10c; (c) 73c; (d) 22c. H. G. Fenton (a) \$1.50; (b) 10c; (c) 70c; (d) 25c; John Hansen (a) \$1.00; (b) 25c; (c) 73c; (d) 25c.

Texas St. bet. Lincoln and University Aves.: G. R. Daley, paving with an asphaltic concrete wearing surface on asphaltic concrete base, \$1,260 sq. ft. at 16.7c. Fairchild-Gilmore-Wilton Co. 16.75c.

Upas St. bet. Ray and 33rd Sts.: Fairchild-Gilmore-Wilton Co. 18.8 c. yds. earth excavation at \$1.60; 1987 cu. yds. earth embankment at 10c, 37,780.4 sq. ft. 3-in. asphaltic concrete base with 1½-in. asphaltic concrete wearing surface at 1.4c; 6,212 sq. ft. cement sidewalk at 23c; 2346.8 lin. ft. cement curb at 65c. Referred to City Engineer.

STOCKTON, San Joaquin Co., Cal.—City Council, A. L. Banks, clerk, declares intention (No. 704) to improve northern half of North St. by grading, paving with a 2½-in. cementing gravel base with 3-in. asph. conc. surface; const. comb. conc. curbs and gutters; const. walks. 1911. A. W. B. Hegon, City Engineer.

SACRAMENTO, Cal.—No bids rec. by supervisors to pave with conc. 5,263 lin. ft. of Sylvan-San Juan road and work will be done by day labor under supervision of County Surveyor Drury Butler.

REDWOOD CITY, San Mateo Co., Cal.—Until July 7, 8 p. m., bids will be rec. by W. A. Price, city clerk, to imp. portions of Brewster Ave., Myrtle and Southgate Sts. and Opal Ave., etc., by const. and 8-in. vit. sewers and 4-in. tile lateral sewers, br. manholes, etc. 1911 Act. C. L. Dimmitt, city eng.

FRESNO, Fresno Co., Cal.—Until July 6, 3:30 p. m., bids will be rec. by R. V. St. George, city clerk, to const. 1150 ft. 6-in. vit. clay pipe sewer and 2 manholes in Blocks 19, 20 and 21, Grand Avenue Park. 1911 Act Wm. Stranahan, city eng.

EUREKA, Humboldt Co., Cal.—S. H. Stockhoff, Eureka, at \$8770 awarded contract by Supervisors to const. 2½ miles of wagon road at Blue Slide near Strong's Station on Van Duzen River, Road Dist. 2. Other bids: G. M. Moore, \$9725; Charles A. Carr and Thurston, \$13,000; Charles L. Lambert, \$9250.

REDDING, Shasta Co., Cal.—Until July 7, 8 p. m., bids will be rec. by Leslie Clark, city clerk, to grade and pave Redding-Anderson Road from termination of present pavement in South Market St. to south city limits of Redding, incl. construction of 16-ft. conc. bridge. Bids may be submitted on any type of pavement: (1) 3½-in. asph. conc. base with 1½-in. bitulithic surface (2) 5-in. cement conc. Cost in neighborhood of \$17,000.

FURA CITY, Sutter Co., Cal.—City Trustees decide to pave additional streets with concrete pavement instead of black base and Warrenite surface, as originally planned. Edw. von Gledern, city eng., preparing specifications as follows:

Hawthorne St., 306 ft. long; 42 ft. wide; 4 in. thick.
Orange St., 338 ft. long; 44 ft. wide, 4 in. thick.
Walnut St., 367 ft. long; 44 ft. wide, 4 in. thick.
Olive St., 367 ft. long; 44 ft. wide, 4 in. thick.
Chestnut St., 367 ft. long; 44 ft. wide, 4 in. thick.
Hind St., 310 ft. long; 42 ft. wide, 4 in. thick.
Cooper Ave., 1800 ft. long; 18 ft.

wide; also 1188 ft. long, 12 ft. wide, and 969 ft. long, 18 ft. wide; 5-in. thick.

Bridge St., 2122 ft. long; 80 ft. with 30-ft. parking space in center, leaving 50 ft. paving width; 5-in. thick.

SAN FRANCISCO.—Grant-Smith Co., Balboa Bldg., at \$683.50 awarded contract by Board of Public Works to construct Pulgas Tunnel, Hetch Hetchy project, Contract No. 85.

TRACY, San Joaquin Co., Cal.—Three bids were opened on June 22 by the City Trustees for paving 11th St., but no definite action was taken, owing to prices asked. J. E. Johnson of Stockton bid \$4,707.81; Grant Smith & Co. of San Francisco, \$102,894.08; P. H. Hoan or Hayward, \$117,703.38.

LOS ANGELES, Cal.—Boek & Brick, 125 W. 78th St., L. A., submitted low bid to Board of Public Works, at about \$335,000, to const. sewer system in El Sereno Ave. bet. Alhambra Ave. and Huntington Dr., involv. 157,84 ft. 18-in. standard pipe sewer with conc. paving width at \$2.35 per ft., 665.12 ft. 15-in. deep and wide socket pipe at \$2.15 ft., 1362.67 ft. 15-in. standard pipe at \$2.15 ft., 2078.19 ft. 12-in. deep and wide socket pipe at \$2.10 ft., 610.17 ft. 12-in. standard pipe at \$2.10 ft., 1219.75 ft. 10-in. deep and wide socket pipe at \$1.90 ft., 9119.65 ft. 8-in. deep and wide socket pipe at \$1.75 ft., 15,658.89 ft. 8-in. standard pipe at \$1.75 ft., 140.00 ft. 6-in. deep and wide socket pipe at \$1.10 ft., 13,244.64 ft. 6-in. standard pipe sewer at \$1.10 ft., 25,010 ft. 6-in. pipe house connection sewer at \$1.10 ft., 10 standard manhole at junction chambers over 22 ft. in depth, at \$135 each, 15 manholes or junction chambers not over 15 ft. and less than 22 ft. at \$135 each, 14 manholes or junction chambers not over 15 ft., at \$135 each; 2 standard flush tanks 5-ft. dia. and over 15 ft. in depth, \$135 each; 32 standard flush tanks 5 ft. in dia. and not over 15 ft. in depth, at \$125 each, 14 standard flush tanks, 4½ ft. dia. not over 15 ft. in depth, including cover set, at \$135 each; 888.9 vertical ft. standard chimney pipe D at \$1.25 ft. Other bids were: C. J. Green, \$125,447.52; Joe Chubuk, \$147,368.95; G. R. Daley and John P. Kennedy, \$169,683.66; Mike Gahno, \$150,303.91; R. N. Nikcevic, \$149,947.67; Martin Petrovich, \$180,795.69; B. D. Zaich, \$156,561.53.

SAN FRANCISCO.—City Eng. M. M. O'Shaughnessy completes spec. to imp. Valley St. bet. Noe and Castro, est. cost, \$13,000, inclv. const. 14 standard flush tanks 5 ft. dia. and over 15 ft. in depth, 14 manholes or junction chambers, 10 ft. 10-in. vit. pipe culverts, 1 rein. conc. stairway and 1 rein. conc. retaining wall.

Spec. completed to imp. 8th St. bet. Carolina and 16th Sts., involv. 1077 cu. yds. cut, 200 cu. yds. fill, 1001 lin. ft. conc. curb, 14,778 sq. ft. art. stone walks, 238 lin. ft. 12-in. and 335 lin. ft. 10-in. vit. sewer; 10 hr. catch basins; 2 hr. manholes; 5 wye branches for 12-in. sewer.

SAN DIEGO, Cal.—Petitions granted by City Council for paving arc: Utah St. bet. Adams and Colley Sts.; portions of Elm St., bet. Stockton Dr. and Amputia St. and Trias St. The Council also decided that it was necessary to raise \$15,000 for paving Kettner St.

SOUTH PASADENA, Cal.—Special election will be held August 1 to vote bonds of \$40,000, city's share of cost of sewage treatment plant on the Pasadena sewer farm.

PETALUMA, Sonoma Co., Cal.—City Council, Lyman Green, clerk, declares intention to imp. Madison St. bet. Vallejo and Edith, by grading, conc. curbs and gutters, macadamizing with rock and oil, and culverts. 1911 Act and Bond Act 1915.

Int. declared to imp. Edith St. bet. Washington and Madison; grading, conc. curbs and gutters; macadamizing with rock and oil. 1911 Act and Bond Act 1915. Protests July 17. N. S. Frost, city eng.

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COAST COUNTIES BRANCH OF PLUMBERS HOLD MEETING

The regular monthly meeting of the Coast Counties Branch of State Master Plumbers' Association was held June 26 at Pacific Grove, President Ed Simpson presiding.

In connection with the regular order of business there were addresses by J. W. Cottrell of the Johns-Manville Company of San Francisco on the subject of boiler and pipe insulation; on plumbing materials and specifications by W. J. Lysaght of the Current Price Bureau; on organization by Harry J. Newman of Oakland, member of the Board of Directors of the State organization; and a paper on social relationships between plumbing firms by Collins M. Brown of Hollister.

KERN COUNTY WINS SUIT ON ROAD CONTRACT

The District Court of Appeals at Los Angeles has affirmed the decision of Superior Judge Rogers of Ventura County, favoring Kern County in a suit against the county by Benson & Son, road builders. The litigation involved payment of \$14,000 on Kern County road contracts which Benson & Son alleged were due them. The case was tried in the Ventura Superior Court, judgment against the plaintiffs being handed down. An appeal was taken in the District Court at Los Angeles, which ended in the affirming of the Ventura court's decision.

DEMAND FOR LUMBER EXCEEDS OUTPUT

Demand for lumber continued greater than production during the week ending June 10, according to the weekly review of the West Coast Lumbermen's Association, based on reports from affiliated mills.

Lumber cut during the week totaled 88,327,011 feet, with sales of 94,180,847 feet. Production of the 122 mills reporting was 9 per cent above normal capacity, according to the review.

Thirty-five per cent of the sales were for water shipment. New business for rail delivery totaled 3041 cars.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
2580	O'Neill	Owner	1000
2581	Walsh	Diestel	1500
2582	Stich	Mission	8000
2583	Union	Owner	2000
2584	Jackson	Merritt	1400
2585	Lang	Arnott	5500
2586	Davis	Mulcahy	11450
2587	Heiman	Cohn	35482
2588	Landon	Sandberg	6375
2589	Shepard	Tarbit	3700
2590	Jolliffe	Owner	2500
2591	Ott	Nilsson	2000
2592	Janssen	Owner	3950
2593	Mahoney	Finegan	6000
2594	Dahl	owner	4600
2595	Kleczewski	Owner	2000
2596	Barry	Barry	28000
2597	Foley	Thorsen	2400
2598	Hans	Owner	10000
2599	Baker	Meyer	12000
2600	Leiser	Hardy	24650
2601	Wepener	Owner	2950
2602	Espérance	Owner	2500
2603	Meyer	Owner	21000
2604	Geaon	Cohn	5000
2605	Dinsmore	Hambertson	9500
2606	Waxman	Owner	4000
2607	Levin	Owner	3000
2608	Huas	Fink	12000
2609	Samuels	Owner	2500
2610	Doecker	Owner	6000
2611	S. F. News	American	1215
2612	Collins	Atlas	2200
2613	Haley	Hemmings	7000
2614	Meggannon	Owner	14000
2615	Barbagelatta	Chiapi	13000
2616	Onorato	Hardy	31350
2617	Baldwin	Hamilton	1000
2618	Rossi	Rossi	8000
2619	Tretten	Arnott	6800
2620	Chinder	Saari	1000
2621	Fraser	Fraser	17500
2622	Hebrew	Sommer	35483
2623	Rosenblatt	Hansen	9332
2624	Fitzhugh	Reeder	15800
2625	Same	Peterson	93207
2626	Jacobi	Harder	4700
2627	Williams	Sundquist	1575
2628	Lindeman	Lindeman	4000
2629	Errisson	Kain	12800
2630	Sompson	Fcy	4650
2631	Ham	McIntosh	11850
2632	Hammer	Cox	6893
2633	Barker	Meyer	15495
2634	Reichelt	Owner	3000
2635	McLeod	Warden	12000
2636	Gatehouse	Owner	1900
2637	Pischel	Owner	40000
2638	Schlesinger	Wagner	3000
2639	Pratt	Gilmore	1000
2640	Morbio	Morbio	1800
2641	Aguilar	Schell	3000
2642	Williams	Olsen	1575

DWELLING

(2580) E CORBETT AVE. 83 N Arden Alley. One-story and basement frame dwelling.

Owner—Harry O'Neill, 3412 California St., San Francisco.

Architect—None
Day's work. \$1000

REPAIRS

(2581) NOS. 5 AND 7 DECATUR ST. repair fire damage; interior decorating of flats.

Owner—P. Walsh, 3102 25th St., San Francisco.

Architect—None.
Contractor—John Diestel, 248 Russ Bldg., San Francisco. \$1500

CONCRETE WORK

(2582) E JONES bet. Sutter and Bush Concrete and cement work for 5-story and basement Class C apartment house.

Owner—P. M. Stich, 1308 Stockton St., by J. Steur, 1409 Geary St., Contractor. Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contractor—Mission Concrete Co., Call Bldg., San Francisco.

Filed June 23, '22. Dated June 20, '22

3rd floor poured..... \$2200

Pier walls poured..... 2200

All forms stripped..... 2200

Usual 35 days..... 2200

TOTAL COST, \$8800

Bond, none. Limit, 50 days. Forfeit, none. Plans and specifications, none.

STATION

(2583) SE FOLSON AND TWENTY-fourth. One-story steel service station.

Owner—Union Oil Co. of California, 247 Mills Bldg., San Francisco.

Plans by Contractor.

Day's work \$2000

ALTERATIONS

(2584) NO. 1417 LAKE. Alter into (2) flats.

Owner—Mr. Jackson, Premises.

Architect—None

Contractor—Geo. M. Merritt, 2014 Geary St., San Francisco. \$1400

DWELLING

(2585) E NINTH AVE 280 S Nesa

Two-story and basement frame dwelling.

Owner—Lang Realty Co., First National Bank Bldg., San Francisco.

Architect—Herald Stoner, First Nat'l Bank Bldg., San Francisco.

Contractor—Jas. Arnott & Son, 235 Granville Way, San Francisco. \$5500

R C BLDG.

(2586) W MISSION 135 S Eighteenth S 25xW 160. All work for one-story reinforced concrete building.

Owner—Lewis B. and Hannah Davis, 855 26th Ave., San Francisco.

Architect—Edw. E. Young, 251 Kearny St., San Francisco.

Contractor—Thos. F. Mulcahy, 180 Jessie St., San Francisco.

Filed June 24, '22. Dated June 24, '22.

On 1st of each month..... 75%

TOTAL COST, \$11,450

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

NOTE—Permit reported June 14, 1922 No. 2457.

ALTERATIONS

(2587) NE MISSION & SEVENTEENTH All work for alterations to two-story building.

Owner—S. Heiman, 57 Post St., San Francisco.

Plans by Owner.

Contractor—Louis J. Cohn, 110 Sutter St., San Francisco.

Filed June 24, '22. Dated June 20, '22.

Work 50% completed..... 25%

Work 75% completed add'n..... 25%

Completed, addition..... 25%

Usual 35 days, additional..... 25%

TOTAL COST, \$35,482

Bond, none Limit, 65 days. Forfeit, plans and specifications, none.

NOTE—Permit reported June 17, 1922 No. 2506.

STORE BLDG.

(2588) S GEARY 132-1 E Twenty-third Ave E 24-8x8 100. All work for one-story store building.

Owner—May A. and R. W. Landon, 190 Divisadero St., San Francisco.

Architect—None

Contractor—Sandberg & Essmann, 501 1th St., San Francisco.

Filed June 24, '22. Dated June 19, '22

Frame up..... \$1501.75

Rough plumbing in..... 1501.75

Completed and accepted..... 1501.75

Usual 35 days..... 1504.75

TOTAL COST, \$6379.00

Bond, none. Limit, 39 days. Forfeit, none. Plans and specifications filed.

DWELLING

(2589) NE ALLISON 125 S Cross. One-story and basement frame dwlg.

Owner—Frank Shepard and wife, 41 Allison St., San Francisco.

Architect—None.

Contractor—Jas. Tarbit, 386 Fair Oaks St., San Francisco. \$3700

ALTERATIONS

(2590) S BROADWAY 102 E Octavia Alter for basement garage; concrete foundations and floors; cement plaster front.

Owner—Harriet H. Jolliffe, 1800 Valjejo St., San Francisco.

Architect—None.

Day's work. \$2100

ALTERATIONS

(2591) E CAMP 90 S Twenty-fourth Underpin flats, concrete steps and foundation; concrete basement floor.

Owner—J. Ott, 2899 Mission St., San Francisco.

Architect—None.

Contractor—N. F. Nilsson, 2697 Mission St., San Francisco. \$2000

DWELLINGS

(2592) S CAERILLO 57-6 and 87-6 E 20th Ave. Two one-story and basement frame dwellings.

Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.

Architect—None.

Day's work. \$3950 each

FRAME FLATS

(2593) N CAMP 110-6 E Guerrero. Two-story and basement frame (2) flats.

Owner—J. A. Mahoney, 3344 Army St., San Francisco.

Architect—Harvey E. Harris, 815 Balboa St., San Francisco.

Contractor—Finegan & Mahoney, 3344 Army St., San Francisco. \$6000

DWELLING

(2594) SW CRESCENT AVE. AND Moultrie. One-story and basement frame dwelling.

Owner—John Dahl, 826 Moultrie St., San Francisco.

Architect—None.

Day's work. \$1600

ALTERATIONS

(2595) N ELLIS 73 — Pierce. Excavate basement; install roman window; cement stucco front of dwelling.

Owner—S. Kleczewski, 223 Moraga St., San Francisco.

Plans by Owner.

Day's work. \$2000

DWELLINGS

(2598) E FORTY-EIGHTH AVE 150, 175-9, 201-6, 227-3, 253, 278-9 and 304-3 N Fulton. Seven one-story and basement frame dwellings.
Owner—Nellie G. Barry, 871 47th Ave., San Francisco.
Architect—O. O. Clausen, Hearst Bldg., San Francisco.
Contractor—Thomas F. Barry, 871 47th Ave., S. E. \$4000 each

ADDITIONS

(2597) N FULTON 120 W Sixth Ave. Additions and alterations to residence.
Owner—J. Foley, 538 San Jose Ave., San Francisco.
Architect—D. Thorsen, 563 37th Ave., San Francisco.
Contractor—D. Thorsen, 563 37th Ave., San Francisco. \$2400

ALTERATIONS

(2598) NO. 914 MARKET. New store fronts; metal lath and plaster partitions; erect marquees; marble & cement floors; other general alterations and repairs for candy store.
Owner—Geo. Haas & Sons, Phelan Bldg., San Francisco.
Architect—C. E. Gottschalk, Phelan Bldg., San Francisco.
Day's work. \$10,000

FRAME FLATS

(2599) NE GEARY AND TWENTY-second Ave. Two-story and basement frame (4) flats and store.
Owner—C. H. Baker, 5707 Geary St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. \$12,000

APARTMENTS

(2600) E HYDE 112-6 N Broadway. Three-story and basement frame (9) apartments.
Owner—Rose Leiser, 1885 Golden Gate Ave., San Francisco.
Architect and Contractor—A. M. Hardy, 518 24th Ave., San Francisco. \$24,660

DWELLING

(2601) E LONDON 175 S Excelsior. One-story and basement frame dwelling.
Owner—Rose D. Weppener, 425 Brazil Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Day's Work. \$2950

RESTAURANT

(2602) S MERCHANT 68 E Kearny. Two-story reinforced concrete restaurant.
Owner—August R. Oliva and Elmer J. Esperance, 948 Capp St., San Francisco.
Architect—None.
Day's Work. \$2500

FLATS

(2603) E NINETEENTH AVE 150, 175 and 200 N Geary. Three 2-story and basement frame (2 in each) flats.
Owner—Meyer Bros., 5326 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Day's Work. \$7000 each

STORES

(2604) S OCEAN AVE 26 W CAPITOL Ave. One-story frame stores.
Owner—Mrs. E. C. Geaton, 1333 Plymouth Ave., San Francisco.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—Louis J. Cohn, 110 Sutter St., San Francisco. \$5000

DWELLING

(2605) E SANTA ANA AVE 131 S San Anselmo. Two-story and basement frame dwelling.
Owner—H. H. Dinsmore, 22 Leidesdorff St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—A. C. Hamberton, 475 Dewey Blvd., S. F. \$9500

DWELLING

(2606) E THIRTY-FOURTH AVE 250 S Anza. One-story and basement frame dwelling.
Owner—A. W. Waxman, 646 34th Ave., San Francisco.
Architect—None.
Day's Work. \$4000

FOUNDRY

(2607) E THIRD 80 S 19th St. One-story brick foundry and warehouse.
Owner—M. Levin & Sons, 2201 Third St., San Francisco.
Architecture by W. Spivock, 1181 Howard St., San Francisco.
Day's Work. \$3000

RESIDENCE

(2608) N VALLEJO 60 E Broderick. Two-story and basement frame residence.
Owner—Walter Haas, Phelan Bldg., San Francisco.
Architect—C. E. Gottschalk, Phelan Bldg., San Francisco.
Contractor—Fink & Schindler Co., 226 13th St., San Francisco. \$12,000

ALTERATIONS

(2609) E BUENA VISTA AVE - S Haight. (No. 21-23 Buena Vista). General alterations and repairs to residence.
Owner—Charles Samuels, 454 Phelan Bldg., San Francisco.
Architect—None.
Day's work. \$2500

DWELLING

(2610) W EIGHTH AVE 75 N Judah. Two-story and basement frame dwelling.
Owner—Frank and Cora Doegier, 743 Irving St., San Francisco.
Architect—None.
Day's work. \$6000

BRONZE WORK

(2611) LOCATION NOT GIVEN. Ornamental bronze work for building.
Owner—The San Francisco News Co., 747 Howard St., San Francisco.
Architect—N. W. Sexton, Chronicle Bldg., San Francisco.
Contractor—The American Art Metal Works (or A. Fazekas), 13 Grace St., San Francisco.
Filed June 26, '22. Dated June 20, '22.
Completed. \$807
Usual 35 days. TOTAL COST, \$1215

Bond, none. Limit, Aug. 30, 1922. Forfeit, \$10. Specifications only filed.

EXCAVATION, ETC.

(2612) N FOLSOM bet. Second and Third. Excavation and grading for building.
Owner—Collins Hencke Candy Co., 25 Beale St., San Francisco.
Architect—N. W. Sexton, Chronicle Bldg., San Francisco.
Contractor—The Atlas Concrete Co., 180 Jessie St., San Francisco.
Filed June 26, '22. Dated June 21, '22.
Completed and accepted. \$1650
Usual 35 days. TOTAL COST, \$550

Bond, none. Limit, July 14, 1922. Forfeit, none. Plans and specifications filed.

BUILDING

(2613) W TWENTY-FIRST AVE 205 S Cabrillo 8 25 —. All work for building.

Owner—Harry S. Haley, 557 20th Ave., San Francisco.
Plans by Owner.
Contractor—Nick Hemminga, 705 22nd Ave., San Francisco.
Filed June 26, '22. Dated June 24, '22.
Frame up end rough roof on. \$1750
Rough plaster on. 1750
Completed and accepted. 1750
Usual 35 days. TOTAL COST, \$7000

Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.

FRAME FLATS

(2614) W TWENTY-FIRST AVE 87-6 S Cabrillo. Two-story and basement frame (2) flats.
Owner—W. F. Megannon, 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Day's work. \$14,000

FRAME FLATS

(2615) W MASON 100 N Green. Two-story and basement frame (2) flats.
Owner—A. Barbagelatta, 1733 Mason St., San Francisco.
Architect—J. F. De Martini, 946 Broadway, San Francisco.
Contractor—G. Chlappe, 454 Columbus Ave., San Francisco. \$13,000

APARTMENTS

(2616) N BALBOA 87-6 E Nineteenth Ave. Two-story and basement frame (3) apartment flats.
Owner—C. Conatore, 1539 Hayes St., San Francisco.
Architect—A. M. Hardy, 518 24th Ave., San Francisco.
Contractor—A. M. Hardy, 518 24th Ave., San Francisco. \$31,350

ALTERATIONS

(2617) NO. 30 DORLAND. Alter for private garage; concrete steps.
Owner—Mrs. Anna Baldwin, Premises.
Architect—None.
Contractor—Hamilton & Costello, 5811 Geary St., San Francisco. \$1000

FRAME FLATS

(2618) E OCTAVIA 75 S Filbert. Two-story and basement frame (2) flats.
Owner—P. Rossi, 1799 Filbert St., S. F.
Architect—L. Traverso, 854 Union St., San Francisco.
Contractor—Frank Rossi, 1799 Filbert St., San Francisco. \$8000

DWELLING

(2619) W VENTURA 100 S Linares. Two-story and basement frame dwelling.
Owner—O. C. Tretten, Crocker Bldg., San Francisco.
Architect—None.
Contractor—Jos. Arnott & Son, 235 Granville Way, S. F. \$6800

DWELLING

(2620) E GIRARD 100 S Silver Ave. One-story and basement frame dwelling.
Owner—L. Chinder, 119 Hill St., S. F.
Architect—None.
Contractor—S. Saari, 2602 San Bruno Ave., San Francisco. \$1000

APARTMENTS

(2621) SE HUGO AND SIXTH AVE. Three-story and basement frame (9) apartments.
Owner—James K. Fraser, 1238 6th Ave., San Francisco.
Architect—None.
Contractor—Fraser & Son, 1238 6th Ave., San Francisco. \$17,500

CARPENTER WORK, ETC.

(2622) NW BY SISCO, N BY SILVER AVE. and on SE by Libson. Carpenter and cabinet work for buildings.
Owner—The Hebrew Home for Aged Disabled.
Architect—Samuel L. Hyman, 68 Post St., San Francisco.

Contractor—L. M. Sommer & Co., Balboa Bldg., San Francisco
Filed June 27, '32. Dated June 12, '32.
On 1st of each month..... 50¢
Usual 55 days..... 25¢
TOTAL COST, \$35,180
Bond, \$15,000. Sureties, A. Sebarin & M. Appelbaum. Limit, forfeit, none. Plans and specifications filed.

RESIDENCE

(2623) E TWENTY-SEVENTH AVE.
125.19 N West Clay being Lot 57, Sea Cliff. All work for two-story frame residence.
Owner—Margaret C. Rosenblatt, 7 S. & G. Gump Co., Post St., S. F.
Architect—Samuel L. Hyman, 68 Post St., San Francisco.
Contractor—H. J. Hansen, 180 Jessie St., San Francisco.
Filed June 27, '32. Dated June 20, '32.
Enclosure..... 2308
Brown coated..... 2308
Completed and accepted..... 2308
Usual 35 days..... 2308
TOTAL COST, \$9232
Bond, \$4616. Surety, New Amsterdam Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

EXCAVATION

(2624) NE POST AND POWELL N 137-6X8 161-4. Excavation work for ten-story Class A office building.
Owner—Wm. M. and Mary E. Fitzhugh, 352 Mills Bldg., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—A. J. Keeler, 180 Jessie St., San Francisco.
Filed June 27, '32. Dated June 7, '32.
One 14th of each month..... 75¢
Usual 35 days..... 25¢
TOTAL COST, \$15,800
Bond, \$7900. Surety, Fidelity & Deposit Co. Limit, as required. Forfeit, none. Plans and specifications filed.

(2625) PLAIN AND REINFORCED

concrete work on above.
Contractor—H. L. Petersen, Lick Bldg., San Francisco.
Filed June 27, '32. Dated June 7, '32.
On 10th of each month..... 90¢
Usual 35 days..... 10¢
TOTAL COST, \$93,207
Bond, \$46,604. Surety, Fidelity & Deposit Co. of Maryland. Limit, as required. Forfeit, none. Plans and specifications filed.

DWELLING

(2626) E NINETEENTH AVE 175 N Cabrillo. One and one-half-story and basement frame dwelling.
Owner—Dave Jacobi, 758 Bryant St., San Francisco.
Architect—None.
Contractor—John Harder, 870 39th Ave. San Francisco. \$1700

ALTERATIONS

(2627) W BUENA VISTA AVE. bet. Java and Upper Terrace. Concrete foundation; underpinning; general repairs for two flats.
Owner—W. H. Williams, 1124 Stanyan St., San Francisco.
Architect—None.
Contractor—Sundquist & Olsen, 352 Holloway Ave., San Francisco. \$1575

FRAME DWELLING

(2628) E ELEVENTH AVE 277 N Cabrillo. One-story and basement frame dwelling.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Designer—W. R. Lindeman, 530 Balboa St., San Francisco.
Contractor—W. R. Lindeman, 530 Balboa St., S. F. \$400

FRAME DWELLINGS

(2629) W TWENTIETH AVE 225, 260 275 and 360 N Ortega. Four one-story and basement frame dwigs.

Owner—Erriesson & Eissler, 271 Dolores St., San Francisco.
Architect—Wm. J. Wilkinson, 1317 American Bank Bldg., S. F.
Contractor—Jos. Kuhn, 1009 Lindwood Ave., Oakland \$3200 each

R C BUILDING

(2630) SE HARRISON & MERLIN E 25X8 87-6. All work except electric wiring and fixtures for one-story reinforced concrete bldg.
Owner—W. J. Simpson, 517 Mission St., San Francisco.
Architect—Andrew J. Hass, 216 Fremont St., San Francisco.
Contractor—H. A. Poy and P. H. Johnson, 1515 Grove St., San Francisco
Filed June 28, '32. Dated June 27, '32.
Foundations installed..... \$1162.50
Concrete walls erected..... 1162.50
Completed and accepted..... 1162.50
Usual 35 days..... 1162.50
TOTAL COST, \$1650.00
Bond, \$2400. Sureties, Mary Poy and Melbie E. Johnson. Limit, 60 days. Forfeit, none. Plans and specifications filed.

APARTMENTS

(2631) N BALBOA 63-9 E Fifteenth Ave. All work except finish hardware, electric fixtures, shades and wall beds for two-story frame apartments.
Owner—C. E. Ham, 1053 Bush St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Contractor—Mutosh Bros., 180 Jessie St., San Francisco.
Filed June 28, '32. Dated June 26, '32.
Frame up..... \$2962
Brown coated..... 2962
Completed..... 2962
Usual 55 days..... 2962
TOTAL COST, \$11,850
Bond, \$5925. Sureties, Thos. De Rose and Wm. Smith. Limit, 100 days after June 28, 1932. Forfeit, none. Plans and specifications filed.

DWELLING

(2632) E TWENTY-NINTH AVE 134 N Irving 32X120. All work for one-story frame dwelling.
Owner—E. H. Hammer, 1266 5th Ave., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco.
Filed June 28, '32. Dated June 26, '32.
Sheathing and rustic on..... \$1723
Frown coated..... 1723
Completed and accepted..... 1723
Usual 35 days..... 1721
TOTAL COST, \$6892
Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.

STORE AND FLATS

(2633) NE TWENTY-SECOND AVE & Geary. All work for two-story frame building (store and flats).
Owner—C. H. Barker, 5107 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5226 Geary St., San Francisco.
Filed June 28, '32. Dated June 23, '32.
Frame up..... \$3873.75
Brown coated..... 3873.75
Completed and accepted..... 3873.75
Usual 35 days..... 3873.75
TOTAL COST, \$15,495.00
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

FRAME FLATS

(2634) N EIGHTEENTH 75 N Utah. Two-story and basement frame (2) flats.
Owner—Henry Reichelt, 623 Rhode Island St., San Francisco.
Architect—None.
Day's work. \$2000

DWELLINGS

(2635) E FORTY-THIRD AVE 100, 150 and 175 S Irving. Three one-story and basement frame dwigs.
Owner—J. J. McLeod, 2 Architect
Architect—O'Brien Bros., Inc., 710 Montgomery St., San Francisco
Contractor—Fred Warden, 210 Montgomery St., San Francisco \$1000 each

DWELLING

(2636) W MONTECITO 100 S Shields. One-story and basement frame dwelling.
Owner—John J. Gatehouse, 1018 Larkin St., San Francisco
Architect—None
Day's work. \$1900

APARTMENTS

(2637) NW Pine and Joyce Sts. Three-story and basement frame (18) apartments.
Owner—Minna D. Pischel, 7 architects
Architect—Ashley & Evers, 58 Sutter St., San Francisco.
Day's work. \$4000

ELEVATOR

(2638) NE SUTTER AND STOCKTON St. Install automatic passenger elevator in store.
Owner—Robert Schlesinger, First Natl. Bank Bldg., San Francisco.
Architect—John A. Bauer, 251 Kearny St., San Francisco.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco \$3000

ALTERATIONS

(2639) 49 TAYLOR St. Change front; tile floor; minor changes in store interior.
Owner—Pratt and Isacral, 49 Taylor St., San Francisco.
Architect—None.
Contractor—T. D. Gilmore, 126 McAllister St., San Francisco. \$1000

REPAIRS

(2640) 1440 VAN NESS AVE. Repair roof, painting, plastering; general repairs for fire damage to store.
Owner—Rosa V. Morbio, 729 New Call Bldg., San Francisco.
Architect—None.
Contractor—Adolph Marbio, 735 New Call Bldg., San Francisco \$1900

GARAGE BLDG.

(2641) N UNION BET HYDE AND Leavenworth, 1132 Union St. One-story concrete garage building.
Owner—Minnie C. Agullar, 1132 Union St., San Francisco.
Architect—Frank S. Holland, 1629 Folsom St., San Francisco.
Contractor—Samuel Schell, 180 Jessie St., San Francisco.
Filed June 29, '32. Dated June 29, '32.
Grading and bulkheading done. \$1000
Completed and accepted..... 1250
Usual 35 days..... 750
TOTAL COST, \$3000
Bond, none. Sureties, I. Faccio and T. Rasori. Forfeit, none. Limit, 15 days. Plans and specifications filed.

ALTERATIONS

(2642) W BUENA VISTA AVE. bet. Java and Upper Terrace. All work for alterations to flats.
Owner—W. H. Williams, 1124 Stanyan St., San Francisco.
Architect—None.
Contractor—Olsen & Sundquist, 353 Holloway Ave., San Francisco.
Filed June 29, '32. Dated June 29, '32.
Grading & concrete foundations in..... \$600
Underpinning, rustic garage doors, plumbing, patch plaster done..... 650
Work completed..... Balance
TOTAL COST, \$1575
Bond, limit, forfeit, plans and specifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
 June 29, 1922—S GILMAN AVE 250
 F Ingalls, P H Madden to whom
 it may concern.....June 5, 1922
 June 29, 1922—N GILMAN AVE 150
 W Jennings, P H Madden to whom
 it may concern.....June 29, 1922
 June 29, 1922—S SUTTER 188-3 W
 Powell W 44-3xS 137-6. A F Rous-
 seau to whom it may concern.....
 June 26, 1922
 June 29, 1922—LOT 30 BLK 5, Forest
 Hill. J Prout to whom it may con-
 cern.....June 29, 1922
 June 29, 1922—NO. 65 MERCED AVE.
 W J Hughes to H J Hansen.....
 June 24, 1922
 June 29, 1922—N UNION 200 m or l
 W Polk W 50x137-6. Minna Weller
 to whom it may concern.....June 26, 1922
 June 29, 1922—E TWENTY-THIRD
 Ave 100 N Anza N 25x120. Alex
 Davis to Thos Hamill.....June 29, 1922
 June 24, 1922—W EIGHTEENTH AV
 225 N Cabrillo N 50x W120. Albert
 Cohn and Sidney J Spearin to
 whom it may concern.....June 21, 1922
 June 28, 1922—NE SEVENTEENTH
 Ave and Clement 28-11 on 17th Ave
 and 120 or Clement. Chas A John-
 ston to whom it may concern.....
 June 28, 1922
 June 28, 1922—W FORTYEIGHTH AV
 25 S Cabrille S 25xW 100. Nels P
 Johnson to whom it may concern.....
 June 28, 1922
 June 28, 1922—N HOWARD 47 W
 Mary W 47xN 75. Louis R Lurie to
 F L Hansen.....June 19, 1922
 June 28, 1922—NW CLAYTON AND
 Hayes 27-6XN 100. Mrs L Schuit
 to The Koenig Bldg Co.....Feb. 20, 1922
 June 26, 1922—W ELEVENTH AV
 225 S Geary S 25xW 120. Joseph
 C Kirby to whom it may concern.....
 June 26, 1922
 June 26, 1922—NW TAYLOR AND
 Golden Gate Ave 137-6 on Taylor,
 192-6 on Golden Gate Ave. W S
 Dinnwiddle for Junior Orpheum to
 Sartorius Co., Inc.....June 23, 1922
 June 27, 1922—E THIRTY-FORTH
 Ave 200 N Ulloa N 25x120. E 34th
 Ave 275 S Taraval S 25x120. W 34th
 Ave 100, 150 and 200 N Ulloa N 25x
 120. Parkside Realty Co of San
 Francisco to whom it may con-
 cern.....June 26, 1922
 June 27, 1922—E THIRTY-SECOND
 Ave 360 S Lincoln W 30x E 120.
 R N Gibson to whom it may con-
 cern.....June 27, 1922
 June 27, 1922—W TWENTY-FIFTH
 Ave 250 S Clement. S A Graves
 to Meyer Bros.....May 25, 1922
 June 27, 1922—SW OAKDALE AVE
 and Lane 50x100. Emma C Haber
 to T L Sharnick.....June 26, 1922
 June 27, 1922—W HYDE 62-6 N Ellis
 N 25xW 62. Henry Wiederman
 to O E Carlson.....June 27, 1922
 June 27, 1922—S WALLER 106-3 E
 Steiner S 120x E 25. Fred W Mack
 to John W Barrett.....June 24, 1922
 June 27, 1922—N CALIFORNIA 95 W
 Ninth Ave 25x100. O M Oyen to
 whom it may concern.....June 27, 1922
 June 27, 1922—N CALIFORNIA 70 W
 Ninth Ave 25x100. O M Oyen to
 whom it may concern.....June 27, 1922
 June 27, 1922—E TWENTY-THIRD
 Ave 75 S Cabrillo S 25x E 82-6; E
 130. Eric and Geo Dahlberg to
 whom it may concern.....June 27, 1922
 June 27, 1922—E TWENTY-THIRD
 Ave 150 N Fulton N 25x E 120. Ragnar
 Monson to whom it may concern.....
 June 27, 1922
 June 27, 1922—NW MISSION 70 SW
 Second NW 160 SW 138 SE 160 NW
 143-6. Associated Oil Bldg. A
 Aronson, L Metzger and L Schoen-
 berg to San Francisco Electrical
 Co.....June 21, 1922

June 26, 1922—NO. 358-374 PINE ST.
 Sophronia T Hooper by Maurice
 Couchot to D W Ross.....Nov 19, 1919
 June 26, 1922—S SUTTER 177-6 E
 Montgomery E 40xS 85. John C
 Erickell to Monson Bros.....June 23, 1922
 June 26, 1922—LOT 1 BLK 2984
 Clarendon Court. E J Montgomery
 to whom it may concern.....June 22, 1922
 June 26, 1922—27 FT ON S OAK,
 bet. Central and Masonic Aves. 111
 ft. SVV from Central Ave. Laura
 M Dahl to Emil Dahl.....June 26, 1922
 June 26, 1922—W TWENTY-SECOND
 Ave 150 S California. G E Watson
 to whom it may concern.....June 24, 1922
 June 26, 1922—W TWENTY-SECOND
 Ave 125 S California S 25x120. G E
 Watson to whom it may concern.....
 June 26, 1922
 June 26, 1922—E FUNSTON AVE 200
 N Anza N 25x E 120. Julia A (wf)
 P J Phelan to whom it may concern.....
 June 15, 1922
 June 26, 1922—N HARRISON 93-8
 and depth 159-10 to Clara and
 frontage on Clara 113-8. The Sal-
 vation Army to Vukicevich &
 Barge.....June 13, 1922
 June 24, 1922—S GEARY 137-6 W
 Leavenworth W 58-9xS 137-6. M
 Cohn to Fennell & Chisholm.....
 June 17, 1922
 June 24, 1922—S GEARY 186-3 W
 Leavenworth W 58-9xS 137-6. S
 Rouda to Fennell & Chisholm.....
 June 17, 1922
 June 24, 1922—E SECOND AVE 127-6
 N Fulton 27-6x120. Mrs Ida Hansen
 to whom it may concern.....June 24, 1922
 June 24, 1922—W EIGHTEENTH AV
 225 S Balboa S 25xW 120. Elias J
 Wade to whom it may concern.....
 June 24, 1922
 June 23, 1922—W FOERSTER 110 N
 50 W 85 S 27-6 W 5 S 2-6 E 90; W
 Foerster 55 S Flood Ave 3 30xS
 30xW 85; Foerster 25 S Flood Ave
 S 30xW 85; SW Foerster and Flood
 Ave W 85xS 25. Moneta Invest-
 ment Co to James Arnott & Sons
June 15, 1922
 June 23, 1922—NO. 1995 GEARY ST.
 Louise B Jacques to A O Field.....
 June 10, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
 June 29, 1922—NW MARKET 61-3
 NE Hayes NE 50xNW 100. Fisher
 & Wolfe vs Wm Zeilemaker, C P
 Alcott and H O Dalberg.....\$1019.83
 June 26, 1922—S CASELLI AVE
 701.5x W Douglas W 25 S 96.04
 m or l E 25 N 96.04. S C Barnhill
 vs J E Niemela.....\$170
 June 27, 1922—BLK 312 LOT 3, comg
 on Montecito Ave and running alig
 Montecito Ave 35 NE th 90 NW th
 25 SW th 90 SE to beg. Westwood
 Park. Inlaid Floor Co vs Clarence
 and Mary L Bean.....\$270.70
 June 27, 1922—E VALENCIA 235 N
 20th N 50x E 80. Phoenix Sidewalk
 Light Co \$147.55. S C Hoffman and
 L W Foegner (as Golden Gate Iron
 Works). \$24 vs Paul Marty and
 Geo A Bos.....\$55
 June 26, 1922—N ST. ROSKS 60 W
 Masonic W 75xN 100. H Flint,
 \$156.85; Frank Bulon, \$295.25; Vic-
 tor Lindberg, \$164 vs M Ostrander
 or Mary Ostrander.....
 June 26, 1922—E VALENCIA 235 N
 20th N 50x E 80. Jas Canley vs
 Paul Marty.....\$55
 June 26, 1922—E VALENCIA 235 N
 20th N 50x E 80. W P Fuller & Co
 vs Paul Marty and Geo A Bos.....\$308.15
 June 23, 1922—S CLAY 154-3 E
 Franklin S 127-8x E 32-7 N 127-8x
 W 32-7. Chas Jacobsen vs George,

D and Aimee Merrill and Martin
 S Show.....\$59
 June 23, 1922—S CLAY 154-3 E
 Franklin S 127-8x E 32-7 N 127-8x
 W 32-7. Paul I Krab vs Geo D
 and Aimee Merrill and Martin S
 Show.....\$550
 June 23, 1922—LOT 3 BLK 3112
 Westwood Park. Kitchen & Son
 vs Mary L and Clarence B Bean.....
 \$177.39
 June 23, 1922—E VALENCIA 235 N
 20th N 50x E 80. Paul Marty vs
 Geo A Bos and Knittle Cattel &
 Co.....\$660
 June 23, 1922—E VALENCIA 235 N
 20th N 50x E 80. A Quandt & Sons
 vs George Bos and Paul Marty.....\$56.25

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
 June 29, 1922—N PAGE 162-6 E Ma-
 sonic Ave E 44-4xN 137-6. The
 Greater City Lumber Co to Clara
 and Bernhard Van Lyke.....\$251.55

BOND

SAN FRANCISCO COUNTY

June 26, 1922—San Francisco News Co.,
 owner, Globe Electrical Works for
 (M. Flatland), contractor, Surety,
 Globe Indemnity Co.; bond \$1617.50

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1000 and Over Reported

The following is an index for the
 contracts for this issue.

No.	Owner	Contractor	Am't.
2824	Brater	Owner	2000
2835	Snyder	Owner	6000
2836	Warner	MacGregor	4450
2837	Gibb	Owner	3000
2838	Eardley	Anderson	9850
2839	Giffilton	Baker	4000
2840	Popular	Sage	6000
2841	Wallace	Wallace	2500
2842	Dean	Knight	1000
2843	Vest	Anderson	1600
2844	Engs	Anderson	2125
2845	Mills	Schuler	15600
2846	Powell	Williams	11814
2847	Voight	Shade	1000
2848	Henson	Irish	3125
2849	Brauer	Owner	2500
2850	Koderick	Corderro	3055
2851	Short	Short	3600
2852	McDonald	Owner	3225
2853	Gonsalves	Silva	3225
2854	Same	Same	3710
2855	Olivieri	Townsend	2900
2856	Norris	Owner	2000
2857	Marquis	Owner	2800
2858	MacLean	Kann	1500
2859	Francis	Owner	3800
2860	Northburg	Ramin	3000
2861	Rice	Owner	3000
2862	Koester	Owner	4000
2863	Williams	Dolan	2975
2864	Brown	Gossett	6800
2865	Marquis	Owner	15400
2866	Same	Same	2200
2867	Calif	Chrestensen	2000
2868	Andrews	Owner	3500
2869	Benson	Knudsen	3500
2870	Shedlet	Owner	3000
2871	Hazard	Webb	2272
2872	Danielson	Johnson	1500
2873	De Mers	Vaughan	14425
2874	Dean	Knight	12000
2875	Carpenter	Owner	3500
2876	Douglas	Hauri	11617
2877	Olephant	Bkly Bldg	4500
2878	Parsons	Johnson	8500
2879	Furtada	Parsons	2200
2880	Conradi	Carson	8000
2881	Borscoe	Owner	5000
2882	Kempkey	Kopf	12000
2883	Eliason	Owner	4500
2884	Beach	Owner	3000
2885	Chavez	Rose	6000

2885 McCord	Owner	2800
2887 Furlong	Owner	5900
2888 Seaman	Peters	2550
2889 Saroni	Pond	7500
2890 Neill	Sharp	6000
2891 Upright	Rayless	1761
2892 Martin	Owner	3500
2893 Martin	Owner	2800
2894 Walters	Whitford	1100
2895 Chavez	Rose	4000
2896 Dunn	Palmer	375000
2897 Panettoni	Chiappa	1300
2898 Seipp	Duval	3500
2899 Taggart	Farry	1000
2900 West End	Jensen	9750
2901 Gunther	Randlett	4000
2902 Lack	Owner	1600
2903 Lindquist	Owner	3000
2904 Pallet	Brasch	10000
2906 Denerino	Malcolm	2700
2908 Harris	MacGregor	3350
2907 Same	Same	5550
2908 Same	Same	3350
2909 Protestant	National	1290
2910 Fraunderer	Hicks	1500
2911 Mazda	Schnobly	1600
2912 Graves	Graves	2800
2913 Cottle	Cottle	2000
2914 Brown	Stenbro	7000
2915 Legris	Owner	2700
2916 2nd Church	Watts	700
2917 Hook	Tollfsen	2500
2918 Dean	Knight	11500
2919 I O O F HALL	Owner	3500
2920 Creed	Hawkins	1500
2921 Jacoby	Johanson	2500
2922 Rogers	Owner	2500
2923 Quayle	Inlow	5000
2924 Standard	Owner	4000
2925 Welch	Nelson	5800
2926 Marshall	Owner	3500
2927 Delong	Castle	2700
2928 Klinkner	Brooks	4000
2929 Dippel	Morgan	2935
2930 Bruzzone	Perona	4000
2931 Rothermundt	Woodard	6000
2932 Sigwald	Owner	2500
2933 Levy	Hopper	5600
2934 Mills	Owner	1000
2935 Graham	Owner	2500
2936 Hook	Tollfsen	2500
2937 Central	Schmidt	62000
2938 Johnson	Hamblenton	12250
2939 Earl	Hansson	15200

DWELLINGS

(2834) NO. 1405 HOLLY; No. 2411 Derby and 2633 Ellsworth, Berkeley. Three one-story 5-room dwellings. Owner—Jas. W. Brazier, 1912 Blake St., Berkeley. Day's work. \$2500 each

DWELLING

(2835) NO. 128 PARKSIDE DRIVE, Berkeley. Two-story 8-room dwlg. Owner—H. M. Snyder, 2423 Woolsey St., Berkeley. Architect—None. Day's work. \$5000

DWELLING

(2836) NO. 950 REGAL ROAD, Berkeley. One-story 6-room dwlg. Owner—Ethel K. Warner, Regal and Euclid Aves., Berkeley. Architect—A. W. Smith, 470 13th St., Oakland. Contractor—C. M. MacGregor, 470 13th St., Oakland. \$3450

DWELLING

(2837) NO. 32 SHASTA, Berkeley. Two-story 7-room dwelling. Owner—Andrew S. Gibb, 1331 Tamalpais, Berkeley. Architect—None. Day's work. \$3000

DWELLING

(2838) NO. 1024 SPRUCE, Berkeley. One-story 8-room dwelling. Owner—M. J. Eardley. Architect—Gilmombe & Field, 1st Svgs. Bank Bldg., Oakland. Contractor, A. Frederick Anderson, 2800 Delaware St., Oakland. \$9850

DWELLING

(2839) W GREENWOOD opp Brigh ton, Oakland. One-story 5-room dwelling. Owner—J. A. Gillison. Architect—None. Contractor—W. J. Baker, 2255 Ran some Ave., Oakland. \$1000

FACTORY

(2840) N NINETEENTH 150 E Union, Oakland. One-story ladder factory. Owner—Popular Ladder & Mfg. Co., 82 Franklin St., Oakland. Architect—None. Contractor—James Sage, 830 45th St., Oakland. \$5000

DWELLING

(2841) NW SIXTY-SECOND AVE & Tevis, Oakland. One-story 4-room dwelling. Owner—Glen A. Wallace, 1240 13th Ave., Oakland. Architect—None. Contractor—W. R. Wallace, 1240 13th Ave., Oakland. \$2500

GARAGE

(2842) N THIRTY-FIFTH 500 E Telegraph Ave., Oakland. Garage. Owner—E. H. Dean, Federal Bldg., Oakland. Architect—None. Contractor—Harry C. Knight, 388 12th St., Oakland. \$1000

GARAGE

(2843) S FORTY-SECOND 200 W College, Oakland. Garage. Owner—Elmer West, 388 12th St., Okd. Architect—None. Contractor—Harry C. Knight, 388 12th St., Oakland. \$1000

ALTERATIONS

(2844) LOT 1 and Ptn Lot 2 Bk "G" Map Central Piedmont Tract, Piedmont. All work for alterations and additions to dwelling. Owner—Edward W. & Minnie E. Engs, 47 Estrella St., Oakland. Architect—None. Contractor—Wm. E. Anderson, 14 Croxtown Ave., Oakland.

Filed June 22, '22. Dated June 21, '22. Addition on S side enclosed, \$532.25
Addition on N side enclosed, \$32.25
Completed and accepted, \$532.25
Usual 35 days, \$532.25
TOTAL COST, \$2129.00
Bond, \$1065. Surety, U. S. Fidelity & Guaranty Co. Limit, 40 days. Forfeit, \$5. Plans and specifications filed.

CHEMISTRY BLDG.

(2845) MILLS COLLEGE CAMPUS, Oakland. All work for one-story frame chemistry building. Owner—Mills College, Oakland. Architect—None. Contractor—E. Z. Schuler and J. E. McDonald (Schuler & McDonald), 308 12th St., Oakland.

Filed June 23, '22. Dated June 21, '22. Roof on \$3900
Exterior plastered 3900
Completed and accepted, 3900
Usual 35 days, 3900
TOTAL COST, \$15,600
Bond, \$7800. Surety, American Indemnity Co. Limit, Aug. 20, 1922. Forfeit, \$20. Plans and specifications filed.

DWELLING

(2846) NE TANGLEWOOD ROAD & Claremont Ave., Oakland. All work for two-story and basement frame dwelling. Owner—Ethel W. Powell, 1908 Park Blvd., Oakland. Architect—Morrow & Garren, Chronicle Bldg., San Francisco. Contractor—Chas. C. Williams, 1524 Franklin St., Oakland. Filed June 23, '22. Dated June 22, '22. Frame up and sheathed, \$
Plastered \$

Completed and accepted, \$
Usual 35 days, \$
TOTAL COST, \$11,811
Bond none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

DWELLING

(2847) E 102ND AVE 200 N E-14th Oakland. One-story 3-room dwlg. Owner—Mrs. May Voight, 2838 10th St., Berkeley. Architect—None. Contractor—D. E. Shade, 1741 103rd Ave., Oakland. \$1000

DWELLING

(2848) S REDDING 120 W Maybellie, Oakland. One-story 5-room dwlg. Owner—Dewey Henson, Alameda. Architect—None. Contractor—H. E. Irish, 2535 55th Ave., Oakland. \$3150

DWELLING

(2849) W SEVENTY-EIGHTH AVE 50 N Ash, Oakland. One-story 5-room dwelling. Owner—L. E. Brauer, 78th Ave. and Ash St., Oakland. Architect—None. Day's work. \$2500

DWELLING

(2850) S SALSBURY 150 W 35th Ave., Oakland. One-story 5-room dwlg. Owner—J. L. Roderick, 3530 Fruitvale Ave., Oakland. Architect—None. Contractor—Corderro Bros., San Leandro. \$3055

DWELLING

(2851) S SHAFTER AVE 100 E Pryal, Oakland. One-story 5-room dwelling. Owner—Louis H. Short, 574 Rosal Ave., Oakland. Architect—None. Contractor—C. W. Short. \$3500

ALTERATIONS

(2852) SW TWENTY-FOURTH AND Market, Oakland. Alterations and additions. Owner—F. P. McDonald, 903 24th St., Oakland. Architect—None. Day's work. \$4000

DWELLING

(2853) W TWENTY-FIFTH AVE 104 S E-21st, Oakland. One-story 5-room dwelling. Owner—Florence Gonsalves. Architect—None. Contractor—Silva & Luvizone, 2869 Ford St., Oakland. \$3326

DWELLING

(2854) SW TWENTY-FIFTH AVE & E-21st St., Oakland. One-story dwelling and store. Owner—Florence Gonsalves. Architect—None. Contractor—Silva & Luvizone, 2869 Ford St., Oakland. \$3710

DWELLING

(2855) SW SIXTH AND ALLSTON Way, Berkeley. All work for one-story 5-room dwelling. Owner—Thomas Olivieri, 1448 19th Ave., Berkeley. Contractor—Floyd E. Townsend, 2927 Deakins St., Berkeley.

Filed June 23, '22. Dated June 22, '22. Frame up \$
Plastered \$
Completed \$
Usual 35 days, \$
TOTAL COST, \$2900
Bond, limit, forfeit, plans and specifications, none.

DWELLING

(2856) NO. 2915 BAKER ST., Berkeley. One-story 4-room dwelling. Owner—Justus Norris, 3732 Grove St., Berkeley. Architect—None. Day's work. \$2000

DWELLING
(2857) NO. 1618 FRANCISCO ST., Berkeley. One-story 5-room dwlg.
Owner—P. L. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None.
Day's work. \$2800

STORES
(2858) 86 WOOLSEY & TELEGRAPH Ave., Berkeley. One-story 5-room stores.
Owner—C. A. Maclean.
Architect—Wm. J. Wilkinson, American Bank Bldg., Oakland.
Contractor—Jos. Kuhn, 4009 Linwood Ave., Oakland. \$1500

STORES
(2859) NW E-FOURTEENTH AND Fortieth Ave., Oakland. One-story 3-room stores.
Owner—E. G. Francis, 3940 E-14th St., Oakland.
Architect—None.
Day's work. \$3800

DWELLING
(2860) NO. 2432 EIGHTY-EIGHTH Ave., Oakland. One-story 4-room dwelling.
Owner—Edw. Northburg.
Architect—None.
Contractor—Martin Ramin, 3024 91th Ave., Oakland. \$3000

DWELLING
(2861) S EXCELSIOR AVE 10 E 14th Ave., Oakland. One-story 5-room dwelling.
Owner—Geo. Rice Jr., 612 Grand Ave., Oakland.
Architect—None.
Day's work. \$3000

DWELLING
(2862) NE FOOTHILL BLVD. AND Vicksburg Ave., Oakland. One-story 6-room dwelling.
Owner—Chas. J. L. Koester & Son, 5356 Wentworth Ave., Oakland.
Architect—None.
Day's work. \$1000

DWELLING
(2863) N FAIRBANKS opp. Vermont, Oakland. One-story 5-room dwlg.
Owner—J. M. Williams.
Architect—None.
Contractor—Leo J. Dolan, Syndicate Bldg., Oakland. \$2975

DWELLING
(2864) S HOLMAN ROAD, Oakland. One-story 6-room dwelling.
Owner—W. S. Brown.
Architect—None.
Contractor—C. A. Gossett, 327 Davis Court, San Leandro. \$6800

DWELLINGS
(2865) W THIRTY-NINTH AVE 30, 150, 185, 215, 245, 280 and 315 N. Merca, Oakland. Seven one-story 5-room dwellings.
Owner—E. A. Marquis, 2827 Russell St., Berkeley.
Architect—None.
Day's work. \$2200 each

DWELLING
(2866) N MIERA 75 W 39th Ave., Oakland. One-story 5-room dwelling.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None.
Day's work. \$2200

FOUNDRY
(2867) FOOT NINETEENTH AVE., Oakland. One-story foundry.
Owner—California Foundries Co.
Architect—None.
Contractor—Henry J. Christensen, Federal Bldg., Oakland. \$2000

DWELLING
(2868) NE NEVIL & HARRINGTON, Oakland. One-story 5-room dwlg.
Owner—F. A. Andrews, Federal Bldg., Oakland.

Architect—None.
Day's work. \$3500

DWELLING
(2869) W LOTTER 140 N Fairfax, Oakland. One-story 5-room dwlg.
Owner—Anker Benson, 720 E-20th St., Oakland.
Architect—None.
Contractor—C. Knudsen, 1250 E-32rd St., Oakland. \$3500

FLATS
(2870) E RAND opp. Wickson, Oakland. Two-story flats.
Owner—M. Sheffel, 12th and Clay Sts., Oakland.
Architect—None.
Contractor—M. P. Rose, 940 Oxford St., Berkeley. \$10,000

DWELLING
(2871) N SUMMIT DRIVE 50 W Cunningham, Oakland. One-story 3-room dwelling.
Owner—Lucy L. Hazard, Fair and Huntington, Oakland.
Architect—None.
Contractor—T. W. Webb, 4663 Fair Ave., Oakland. \$2272

DWELLING
(2872) E SEVENTY-EIGHTH AVE 250 S E-14th St., Oakland. One-story 2-room dwelling.
Owner—R. H. Nielson.
Architect—None.
Contractor—H. Elmer Johnson, San Leandro. \$1500

STORES
(2873) N TWENTIETH ST 180 W Telegraph Ave., Oakland. Two-story 12-room stores and apartments.
Owner—L. A. De Mers, 458 Jean St., Oakland.
Architect—None.
Contractor—John Vaughan, 1124 Hampe St., San Francisco. \$14,425

APARTMENTS
(2874) N 5TH ST 500 E Telegraph Ave., Oakland. Two-story 16-room apartments.
Owner—E. H. Dean, Federal Bldg., Oakland.
Contractor—Harry C. Knight, 358 12th St., Oakland. \$12,000

DWELLING
(2875) NE COR THIRTY-FOURTH and West Sts., Oakland. One-story 5-room tile dwelling.
Owner—Chas. H. Carpenter, 3033 Magnolia St., Oakland.
Architect—None.
Day's Work. \$3500

DWELLING
(2876) LOT 19, BLK 4, Hotel Claremont Tract, being corner Alvarado Road and Willow Walk Berkeley. Two-story and basement frame dwelling.
Owner—Mrs. Helen Cooper Douglas, Berkeley.
Architect—Harris Osborn, Hearst Bldg., San Francisco.
Contractor—Hauri & Wierk, 822 56th St., Oakland.
Filed June 26, 1922. Dated Apr. 20, 1922.
Frame up 207
Brown coated 207
Ready for interior finish 157
Completed and accepted 207
Usual 35 days 257
TOTAL COST, \$11,617
Bond, none. Sureties, none. Forfeit, none. Limit, July 20. Plans and specifications filed.

DWELLING
(2877) NO. 537 COLUSA, Berkeley. Two-story 6-room dwelling.
Owner—F. H. Elephant.
Architect—None.
Contractor—Berkeley Bldg. Co., Colusa and Solano Sts., Berkeley. \$1500

ADDITION
(2878) NO. 2725 HASTE ST., Berkeley. Addition.
Owner—Mrs. Henry Glass, Premises.
Architect—None.
Contractor—Albert A. Johnson, 1727 Stuart St., Berkeley. \$1850

APARTMENTS
(2879) NO. 1850-60 SOLANO ST., Berkeley. Two-story 22-room apartments and stores.
Owner—F. I. Purtada.
Architect—None.
Contractor—E. A. F. Carson, 542 4th St., Richmond. \$22,000

DWELLING
(2880) NO. 311 PALA AVE., Piedmont. Two-story 9-room frame dwelling and garage.
Owner—Arthur Conradi.
Architect—None.
Contractor—John Carson, 50 Yosemite Ave., Oakland. \$8000

DWELLING
(2881) NO. 57 WILDWOOD AVE., Piedmont. One-story 7-room dwlg.
Owner—J. E. Burpee.
Architect—None.
Day's work. \$5000

DWELLING
(2882) NO. 320 RIGHLAND AVE., Piedmont. Two-story 8-room dwlg.
Owner—A. Kempky.
Architect—None.
Contractor—Ben F. Kopf, 1015 82nd Ave., Oakland. \$12,000

RESIDENCE
(2883) NO. 107 RAMONA AVE., Piedmont. One and one-half-story 6-room dwelling.
Owner—Geo. W. Ehasen.
Architect—None.
Day's work. \$4500

DWELLING
(2884) N AUZORA 560 E Maple, Oakland. One-story 5-room dwlg.
Owner—Beach & Noble, 3060 Kansas St., Oakland.
Architect—None.
Day's work. \$3000

DWELLING
(2885) S ARIMO AVE 200 E Walla Vista, Oakland. One-story 7-room dwelling.
Owner—H. J. Chavez, 479 Cheney Ave., Oakland.
Architect—None.
Contractor—Mervin P. Rose, 940 Oxford St., Berkeley. \$6000

DWELLING
(2886) E THIRTY-THIRD AVE 80 S Olive, Oakland. One-story 4-room dwelling.
Owner—T. J. McCord, 4741 E-14th St., Oakland.
Architect—None.
Day's work. \$2800

DWELLING
(2887) N GLENDORA AVE 265 W Edgewood, Oakland. One and one-half-story 7-room dwelling.
Owner—Thos. F. L. Furlong, 61 Echo Ave., Oakland.
Architect—None.
Day's work. \$5960

ADDITION
(2888) NO. 4372 MONTGOMERY ST., Oakland. Addition.
Owner—Mrs. Seaman, Premises.
Architect—None.
Contractor—Fred Peters, 184 Ridge-way, Oakland. \$2550

DWELLING
(2889) E MANDANA 250 S Ashmont, Oakland. Two-story 7-room dwlg.
Owner—L. Saroni, 806 Howard St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 1163 Ashmont Ave., Oakland. \$7500

DWELLING

(2890) SW STANFORD & GASKILL, Oakland. One-story 8-room 2-family dwelling.
Owner—Wm. O'Neill, 1082 57th St., Oakland.
Architect—None.
Contractor—A. C. Sharp, 1327 E-28th St., Oakland. \$6000

ALTERATIONS

(2891) SE THIRTEENTH & WASHINGTON, Oakland. Alterations.
Owner—Samuel Upright, Premises.
Architect—None.
Contractor—Bayless & Sheridan, 351 11th St., Oakland. \$1764

DWELLING

(2892) S THERMAL AVE 386 W 91st Ave., Oakland. One and one-half-story 7-room dwelling.
Owner—J. H. Martin, 1425 Franklin St., Oakland.
Architect—None.
Day's work. \$3500

DWELLING

(2893) S THERMAL AVE 336 W 91st Ave., Oakland. One-story 5-room dwelling.
Owner—J. H. Martin, 1425 Franklin St., Oakland.
Architect—None.
Day's work. \$2800

FLATS

(2894) N THIRTY-FOURTH 290 W Telegraph Ave., Oakland. Two-story 16-room flats.
Owner—P. McWalters, 880 75th St., Oakland.
Architect—None.
Contractor—W. T. Whitford, 421 42nd St., Oakland. \$11,000

DWELLING

(2895) N WALLA VISTA 200 E Arimo Ave., Oakland. One and one-half-story 7-room dwelling.
Owner—H. J. Chavez, 479 Cheney Ave., Oakland.
Architect—None.
Contractor—Mervin P. Rose, 910 Oxford St., Berkeley. \$6900

OFFICE BLDG.

(2896) NE NINETEENTH & FRANKLIN, Oakland. Nine-story concrete office building.
Owner—Dr. Robert Dunn, Hutchinson Bldg., Oakland.
Architect—Willis C. Lowe, Monadnock Bldg., San Francisco.
Contractor—P. A. Palmer, Monadnock Bldg., S. F. \$375,000

ALTERATIONS

(2897) NO. 829 PINE ST., Oakland. All work for alterations and additions to dwelling.
Owner—G. Panettoni, San Francisco.
Architect—W. H. Armitage, Call Bldg., San Francisco.
Contractor—Chiappa & Sino.
Filed June 27, '22. Dated June 27, '22.
House raised \$430
Concrete floor laid and brown coated 430
Completed and accepted 440
TOTAL COST, \$1300
Bond, none. Limit, as soon as possible
Forfeit, none. Plans only filed.

DWELLING

(2898) NO. 2436 BROWNING ST., Berkeley. One-story 5-room dwelling.
Owner—Herbert Selpp, Albany.
Architect—None.
Contractor—P. Duval, 1914 E-22nd St., Oakland. \$3500

ALTERATIONS

(2899) NO. 2410-12-14-16-18 CHANNING Way, Berkeley. Alterations.
Owner—J. N. Taggard, 2420 Channing Way, Berkeley.
Architect—None.
Contractor—W. L. Parry, 2112 Grove St., Berkeley. \$1000

DWELLINGS

(2900) NO. 1623-1627-1629 LINCOLN Ave., Alameda. Three one-story 5-room dwellings.
Owner—West End Bldg. Co., 1836 Webster St., Alameda.
Architect—None.
Contractor—Jensen & Petersen, 3417 Adeline St., Alameda. \$3250 each

DWELLING

(2901) E MOUND bet Santa Clara & Central, Alameda. One-story 5-room dwelling.
Owner—H. Gunther, Sacramento
Architect—None.
Contractor—E. R. Randlett, 1521 Chestnut St., Alameda. \$4000

DWELLING

(2902) NO. 1037 TAYLOR AVE., Alameda. One-story 4-room dwlg.
Owner—Geo. Lack, 914 Eagle Ave., Alameda.
Architect—None.
Day's work. \$1600

DWELLING

(2903) E AUSEON AVE 125 N Plymouth, Oakland. One-story 5-room dwelling.
Owner—John Lindquist, 1734 Auseon Ave., Oakland.
Architect—None.
Day's work. \$3000

APARTMENTS

(2904) CHABOT ROAD 460 E College Ave., Oakland. Two-story 12-room apartments.
Owner—Mrs. Mary A. Pallet, San Jose.
Architect—None.
Contractor—M. P. Brasch, 506 American Bank Bldg., Oakland. \$10,000

DWELLING

(2905) S FORTY-FIFTH 300 E Linden, Oakland. One-story 6-room dwelling.
Owner—A. Denerino, 1614 Acton St., Berkeley.
Architect—None.
Contractor—L. Malcolm, 733 Chester St., Oakland. \$2700

DWELLING

(2906) SE E-TWENTY-EIGHTH AND Twenty-fifth Ave., Oakland. One-story 6-room dwelling.
Owner—Frona P. Harms, 2816 E-28th St., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. \$3350

DWELLINGS

(2907) W GARDEN 116 S E-28th St., Oakland. Two one-story 6-room dwellings.
Owner—Frona P. Harms, 2816 E-28th St., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. \$3350 & \$3200

DWELLING

(2908) SW GARDEN & E-TWENTY-EIGHTH, Oakland. One-story 6-room dwelling.
Owner—Frona P. Harms, 2816 E-28th St., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. \$3350

CHURCH

(2909) SE MADERA & FLEMING, Oakland. One-story church.
Owner—Protestant Episcopal Bishop of California.
Architect—None.
Contractor—National Mill & Lumber Co., High St. and Canal, Oakland. \$1290

DWELLING

(2910) N MONTANA 175 E Champion, Oakland. One-story 3-room dwlg.
Owner—Mrs. Sophie Fraunder, 557 Jones St., Oakland.

Architect—None.

Contractor—H. M. Hicks, 1424 Franklin St., Oakland. \$1500

ALTERATIONS

(2911) NE SIXTEENTH AND CAMPBELL, Oakland. Alterations.
Owner—Mazda Lamp Co.
Architect—None.
Contractor—Schnebly & Hostawaser, 6th and Jackson Sts., Oakland. \$1600

DWELLING

(2912) S SAN JUAN 135 W 40th Ave., Oakland. One-story 5-room dwlg.
Owner—Alice Graves, 4025 Mera St., Oakland.
Architect—None.
Contractor—H. D. Graves, 4025 Mera St., Oakland. \$2600

DWELLING

(2913) N TYRRELL 200 W 47th Ave., Oakland. One-story 5-room dwlg.
Owner—Vernie Cotic, 2557 San Pablo Ave., Oakland.
Architect—None.
Contractor—Frank E. Cotic. \$2000

DWELLINGS

(2914) W WOODRUFF AVE 100 and 135 S Excelsior, Oakland. Two 1-story 5-room dwellings.
Owner—Chas. F. Brown, 1707 Broadway, Oakland.
Architect—None.
Contractor—A. Stenbro, 1608 Hopkins St., Oakland. \$3500 each

DWELLING

(2915) N WENTWORTH 148 E 54th Ave., Oakland. One-story 4-room dwelling.
Owner—W. T. Legris, 1609 Seminary Ave., Oakland.
Architect—None.
Day's work. \$2700

HEATING, ETC.

(2916) W OXFORD — S Virginia, Berkeley. All work for heating & ventilating for church.
Owner—2nd Church of Christ Scientist of Berkeley.
Architect—Wm. A. Newman, Grant Bldg., San Francisco.
Contractor—Chas. R. Watts, Berkeley.
Filed June 28, '22. Dated May 22, '22.
Completed and accepted \$1275
Usual 35 days 125
April 1, 1923 with int. at 7% 300
TOTAL COST, \$1700
Bond, \$1600. Sureties, Dickson & Holbrook. Limit, July 1, 1922. Forfeit, \$5. Specifications only filed.

DWELLING

(2917) LOT 3 AND N 8½ LOT 4 Sanford Tract, Oakland. One-story frame dwelling.
Owner—Beverly B. Hook, 1241 Naples St., San Francisco.
Architect—None.
Contractor—H. C. Tollfsen, 836 Mead Ave., Oakland.
Filed June 28, 1922. Dated June 27, 1922.
Owner pays bills.
TOTAL COST, \$2500
Bond, none. Sureties, none. Forfeit, \$10 day. Limit, 60 days from July 1. Plans and specifications filed.

APARTMENTS

(2918) LOT 11 BLK 715 being N 35th St. 500 E Telegraph Ave., Oakland. All work for two-story apartments (4 apts. and 4 garages).
Owner—B. H. and Doris H. Dean, Federal Bldg., Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed June 28, '22. Dated June 21, '22.
2nd floor joists in place \$1
Brown coated 1/2

Completed and accepted..... 1/2
Usual 35 days..... 1/2
TOTAL COST, \$11,500
Bond, none. Limit, 75 days after mud-
sill laid. Forfeit, none. Plans and
specifications filed.

ALTERATIONS

(2919) COR. ADDISON AND SHAT-
tuck Ave., Berkeley. Alterations
and repairs.
Owner—L. O. O. F. Hall, Premises.
Architect—None.
Day's work..... \$3590

DWELLING

(2920) NO. 2716 MARTINEZ, Berkeley
One-story 3-room dwelling.
Owner—Thos. Creed, — Cedar St.,
Berkeley.
Architect—None.
Contractor—Hawkins & Thompson,
2139 Essex St., Berkeley. \$1500

DWELLING

(2921) NO. 1583 ROSE ST., Berkeley.
One-story 5-room dwelling.
Owner—Minnie Jacoby, 91-A 6th Ave.,
San Francisco.
Architect—None.
Contractor—G. Johnson, 1357 North-
side Ave., Berkeley. \$2500

DWELLING

(2922) NO. 2227 ROOSEVELT, Berke-
ley. One-story 4-room dwlg.
Owner—Edna Rogers, 2225 Roosevelt
St., Berkeley.
Architect—None.
Day's work..... \$2500

DWELLING

(2923) NO. 1575 SAN LORENZO ST.,
Berkeley. One-story 6-room dwlg.
Owner—J. Y. Quayle, 749 Pomona St.,
Berkeley.
Architect—None.
Contractor—J. H. Inlow, 1724 San
Pablo Ave., Oakland. \$5000

STATION

(2924) NE SHATTUCK AVE & BER-
keley Way, Berkeley. One-story
steel service station.
Owner—Standard Oil Co.
Architect—None.
Day's work..... \$4000

GARAGE

(2925) NO. 2511 SHATTUCK AVE.,
Berkeley. One-story tile garage.
Owner—Iohn Welch.
Architect—None.
Contractor—H. P. Nelson, 1947 Blake
St., Berkeley. \$5800

DWELLING

(2926) NW AUBURN AVE. & FLORIO
St., Oakland. One-story 5-room
dwelling.
Owner—J. A. Marshall, 6320 Florio St.,
Oakland.
Architect—None.
Day's work..... \$3500

DWELLING

(2927) S FOOTHILL BLVD. 135 W 40th
Ave., Oakland. One-story 5-room
dwelling.
Owner—T. W. Delong, Hayward.
Architect—None.
Contractor—Castle & Peters, 1710 E-
20th St., Oakland. \$2700

DWELLING

(2928) N FIFTY-NINTH 400 E Idaho,
Oakland. One-story 5-room dwlg.
Owner—P. S. Klinkner, 5902 San Pablo
Ave., Oakland.
Architect—None.
Contractor—J. W. Brooks, 5902 E-10
Pablo Ave., Oakland. \$1000

DWELLING

(2929) E FIFTY-FOURTH AVE., bet.
E-16th and E-12th Sts., Oakland.
One-story 6-room dwelling.
Owner—Mrs. E. Dippel, 1000 54th Ave.,
Oakland.
Architect—None.

Contractor—Wm. A. Morgan, 3792 Al-
lendale Ave., Oakland. \$2925

DWELLING

(2930) S FORTY-NINTH 560 W Broad-
way, Oakland. One-story 5-room
dwelling.
Owner—L. Bruzzone, 248 McAdam St.,
Oakland.
Architect—None.
Contractor—John Perona, 570 7th St.,
Oakland. \$4000

FLATS

(2931) W HOWE 75 S Ridgeway, Oak-
land. Two-story 6-room flats.
Owner—L. R. Rotermundt.
Architect—None.
Contractor—E. W. Woodard, 535 Mer-
ritt Ave., Oakland. \$6000

DWELLING

(2932) N LYON AVE 178 E Harring-
ton, Oakland. One-story 4-room
dwelling.
Owner—J. W. Sigwald, 3927 Agua
Vista, Oakland.
Architect—None.
Day's work..... \$2500

DWELLING

(2933) N LAKESHORE AVE 50 W
Spring, Oakland. One-story 5-room
dwelling.
Owner—N. Levy, 4 Moore Shipbuilding
Company.
Architect—None.
Contractor—M. E. Hopper & Son, 1117
Webster St., Oakland. \$5600

REPAIRS

(2934) MILLS COLLEGE, Oakland.
Repairs.
Owner—Mills College.
Architect—None.
Day's work..... \$1000

DWELLING

(2935) W OCTAVIA 330 S Fenniman,
Oakland. One-story 5-room dwlg.
Owner—C. H. Graham, 4120 E-16th St.
Oakland.
Architect—None.
Day's work..... \$2500

DWELLING

(2936) E SEMINARY AVE 66 N E-
17th St., Oakland. One-story 1-
room dwelling.
Owner—E. B. Hook, 1241 Naples St.,
San Francisco.
Architect—None.
Contractor—H. C. Tollefsen, 836 Mead
Ave., Oakland. \$2500

CREAMERY

(2937) W TELEGRAPH AVE 320 E
55th, Oakland. Three-story con-
crete and brick creamery.
Owner—Central Shuey Creamery Co.,
12th and Jefferson Sts., Oakland.
Architect—None.
Contractor—B. H. Schmidt, 2227 E-19th
St., Oakland. \$62,000

GARAGE

(2938) SE E-FOURTEENTH AND
Ninth Avc. 75x100, Oakland. All
work for garage.
Owner—O. W. Johnson, 1521 Union St.,
Oakland.
Architect—None.
Contractor—Fred Hambleton, 3733
13th Ave., Oakland.
Filed June 29, '22. Dated Apr. 20, '22.
Ready for trusses..... \$4000
Roof completed..... 4000
Completed..... 4250
TOTAL COST, \$12,250
Bond, none. Limit, 50 days from be-
ginning job. Forfeit, none. Plans and
specifications, none.

DWELLING

(2939) N PTN LOT 39, Crocker Terrace,
Piedmont. All work for frame
dwelling and garage.
Owner—T. M. Earl, 2908 Hill-gass St.,
Berkeley.

Architect—John Hudson Thomas, 1st
National Bank Bldg., Berkeley.
Contractor—Louis O. Hansson, 1409
Bonita Ave., Berkeley.
Filed June 29, '22. Dated June 29, '22.
Frame up..... 1/4
Brown coated..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$15,200
Bond, none. Limit, 140 days. Forfeit,
none. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
June 29, 1922—E ADELIN 250 N
30th No. 3045, Oakland. Frank
Cambra to C B Deuble, June 22, 1922
June 28, 1922—N DEIBY 40 W
Mathews W 49N 132.5, Berkeley
Chester S and Edna V Nichols to
whom it may concern, June 28, 1922
June 28, 1922—LOT 19 and NW 12 1/2
Lot 20 Blk 7, Map Key Route
Heights, Oakland. L A Dickey to
Tetbrook & Dickey, June 26, 1922
June 27, 1922—LOT 43 BLK F Map
Northbrae Terrace, Berkeley, Lon
Hart Goodman by L H Cox, 10 L H
Cox, June 23, 1922
June 27, 1922—LOT 28 BLK 10 Map
Berkeley Heights, Berkeley, H D
Dewell to William Makin, June 26, 1922
June 27, 1922—W 1/2 LOT 22 BLK H,
Map Fourth Avenue Terrace, Oak-
land, William J Baker to whom
it may concern, June 27, 1922
June 28, 1922—N FOOTHILL BLVD
No. 5016, Oakland, Julia Church
to A E Orton, June 21, 1922
June 27, 1922—LOT 28 Map Darwin
Place, Oakland H Goranson to
whom it may concern, June 19, 1922
June 27, 1922—S HOPKINS 50 E
Loma Vista Ave., Oakland, Elmo
H Adams to whom it may concern,
June 26, 1922
June 27, 1922—S RAMONA AVE 115
SW Bonita Ave SW 50 SE 56,895 SE
58,555 NW 85.99, Piedmont, Pied-
mont Properties Co to whom it may
concern, June 20, 1922
June 27, 1922—LOTS 1, 2, 3 BLK 14,
College Homestead Tract, Berkeley,
The Boardman Estate, Blanch E
Porter by James W Plachek to C
Texdahl, June 27; W P Fuller &
Co, June 27; Berkeley Electrical Co,
June 27; A Feldhammer, June 27, '22
June 26, 1922—N SIXTY-FIFTH 35
E Tremont, Oakland, E Kurpachaff
to Emil Person, June 22, 1922
June 26, 1922—BIRDSALL AVE opp.
Modesto, Oakland, F A Birch to
Rudolph Norlin to R Norlin, June 26, 1922
June 26, 1922—N LAKE AVE 550 N
Linda Ave, Piedmont, Marie Colen
to J W Monroe, June 23, 1922
June 24, 1922—LOT "A" Map Ex-
celisor Heights, Oakland, Liddle T
and C Earl Brooks to O M Bul-
lock, June 24, 1922
June 24, 1922—PTN 25 N OF NE
Cor Fifth and Franklin N 25x75,
Oakland, Fred W Diehl to W G
McGinty & Sons, June 23, 1922
June 24, 1922—PTN. 50 E JEFFER-
son St E 112.5xS 103.75, Oakland,
D McLaughlin, Lillian S Fuller,
Robert D. Ciel, Jr. W Morgan by
Agent Louis S Stone to George A
Scott, June 16, 1922
June 23, 1922—N MADISON 100 E
Peach, Alameda, W H Young to
whom it may concern, June 23, 1922
June 23, 1922—LOT 26 BLK 3, North-
brae, Berkeley, George J and
Harriet M Coughlin and Samuel M
Ryder to Louis O Hansson, June 22, 1922
June 25, 1922—NE BOND AND
Forty-eighth Ave, 40x60, Oakland,
August Roseberg to George W
Holloway, June 21, 1922

June 23, 1922—S 12½ LOT 17 and N 25 Lot 18 Blk 8 Map Jose Domingo Tract, Berkeley. P. E. Marquis to whom it may concern. June 22, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
June 29, 1922—SW SEVENTH AND Clay W 150xS 100, Oakland. D C Stanford vs Louis Schaffer, J Rosenberg and Harry B Williams\$114
June 29, 1922—SW SEVENTH AND Clay W 150xS 100. H E Grutsch & A Wiles (American Sheet Metal Works) vs Louis Schaffer, J Rosenberg, Harry B Williams and Frank Barry\$288.50
June 29, 1922—SW SEVENTH AND Clay W 150xS 100, Oakland. Thos Gilmore vs Louis Schaffer, J Rosenberg and Frank Barry\$309
June 29, 1922—SW SEVENTH AND Clay W 150xS 100. Downey Glass & Paint Co vs Louis Schaffer and J Rosenberg\$50.93
June 28, 1922—NW SEVENTH AND Clay W 150xS 100, Oakland. G W Durant, \$663.50; A B Williams, \$7059.08; P H Jackson, \$375 and E K Lumber Co, \$447.35 vs L Schaffer and J Rosenberg
June 28, 1922—NW SEVENTH AND Clay W 150xS 100. Ok. Rhodes-Jamison Co, \$1,101.85; Cobblelick & Kibbe Glass Co, \$1174.40; Oakland Bldg Material Co, \$1480.50 vs Louis Schaffer, J Rosenberg and Harry B Williams\$355
June 28, 1922—N WSEVENTH AND Clay W 150x S 100, Oakland. United Materials Co vs L Schaffer, J Rosenberg and Frank Barry\$231.36
June 24, 1922—NO. 900 SEVENTH, Oakland. H A Reiman vs Bruguiere Co and William Lueddeke\$224

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
June 28, 1922—LOT 28 BLK "C" Map Fourth Avenue Terrace, Oakland. Strable Hardwood Co, \$358.83; John P Maxwell, \$201.30; Truman G Palmer, \$92.80 to G P Guyot and A T Hendricks\$224

Notice of Non-Responsibility

ALAMEDA COUNTY

June 26, 1922—PTN 100 ACRE TCT described deed George Sterling et al to Mutual Investment Co, recorded Liber 966, Deeds Page 137, Oakland. Lisette G Brown as to improvements on property.....

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

\$2,500 and Over Reported

PAINTING
HIGH SCHOOL GROUNDS, Stockton. All work for painting interior of high school swimming tank house. Owner—Board of Education, Ansel S. Williams, Secretary, Stockton. Architect—None.
Contractor—Gibson & Eichenberger, 244 S-San Joaquin St., Stockton.
Filed June 27, '22. Dated June 24, '22. TOTAL COST, \$
Bond, limit, forfeit, plans and specifications, none.
BUILDING
LOT 14 BLK 34 E Center St., All work for building.

Owner—Louis Armanino & M. Tobacco, 518 S-American St., Stockton.
Architect—None.
Contractor—Charles Garfield, 212 N-California St., Stockton.
Filed June 24, '22. Dated June 23, '22. TOTAL COST, \$24,879
Bond, none. Limit, 120 working days. Forfeit, none. Plans and specifications, none.

ADDITION
LOT 1 BLK 65, Stockton. All work for additions and alterations to building known as Main Office. Owner—The Pacific Telephone & Telegraph Co., (a optn.)
Architect—Architectural Dept. of Owner, E. V. Cobby in Charge, San Francisco.
Contractor—Monsion Bros., 251 Kearny St., San Francisco.
Filed June 28, '22. Dated June 23, '22. TOTAL COST, \$85,740
Bond, none. Limit, 90 working days. Forfeit, plans and specifications, none.

THREE RESIDENCES and three garages, \$12,300; N Regent St., Stockton, owner, Taxedo Land Co., Stockton; day's work.
RESIDENCE and garage, \$5400; W Rose St., Stockton; owner, C. H. Nazro, 119 Lexington St., Stockton; day's work.
RESIDENCE and garage, \$5000; W Willow St., Stockton; owner, F. P. Dobson, 27 W-Oak St., Stockton; day's work.
RESIDENCE, \$4000; Vernal Way, Stockton; owner, A. E. Goldsmith, 1715 N-Commerce St., Stockton, day's work.
RESIDENCE, \$3500; E Sonora St., Stockton; owner, E. Raffonatti, Stockton; day's work.

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Acco-
June 21, 1922—S 11½ FT. LOT 15 -partment Figure your Stucco Plans
Lot 16, Blk 48 E Center St., Stockton. M F Kasprovtz vs M STEVE YOU A BETTER FIGURE
Hault we will give you a Better Job
June 26, 1922—W ½ LOT 7, B. and 26th Sts., Sacramento. PANY
McKeown vs S Vitani and O
Parafote LOS ANGELES

BUILDING CONTR

SACRAMENTO CO

\$2,500 and Over R

DWELLING, two-story No. 1161 37th St., Sacramento; day's work. Has great fire
GENERAL REPAIRS, and vermin proof, impervious to sound, U St., Sacramento
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T—¼ inch thick, 32 and 48 inches wide, p to 12 feet. 1 2/10 lbs. per square foot.

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TELEPHONE MARKET 5767**

DWELLING, one-story 5-room and garage, \$2500; No. 1712 W 24. Sacramento; owner, F. L. Terra, 1701 N St., Sacramento; day's work.
STORE AND OFFICE BLDG., two-story \$39,000; No. 907-15 Eighth St., Sacramento; owner, L. Greenwald, Mills Bldg., San Francisco; contractor, G. D. Hudnutt Co., California Fruit Bldg., Sacramento.
PLATS, (2), two-story 4-room each and garage, \$12,000; No. 817 to 827 27th St., Sacramento; owner, B. S. Berry, 1224 K St., Sacramento; contractor, M. H. Bateman, 1627½ 18th St., Sacramento.

BUILDING CONTRACTS

FRESNO COUNTY

\$5,000 and Over Reported

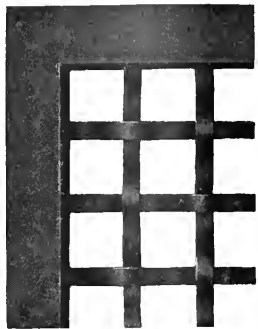
DWELLING and garage, \$6000; 3028 Huntington Blvd., Fresno; owner, R. C. Wlenke, 356 N Angus St., Fresno; contractor, Chas. M. Hall, Fresno.
DWELLING and garage, \$10,000; 2205 Wishon Ave., Fresno; owner, Hattie Eaton, 6 Pickford Apts., Fresno; contractor, Jolly & Jolly, 1801 Belmont St., Fresno.
DWELLING and garage, \$8000; 717 McKinley Ave., Fresno; A. G. Williams, Almar St., Fresno.

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Twenty-second Year No. 27

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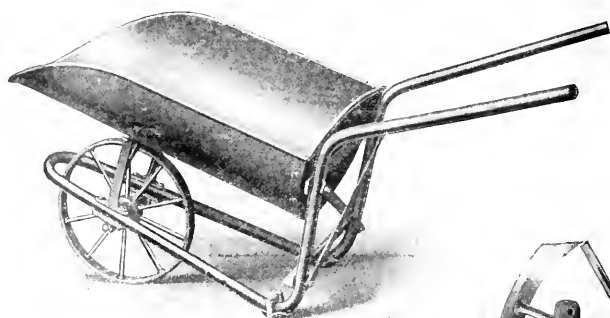
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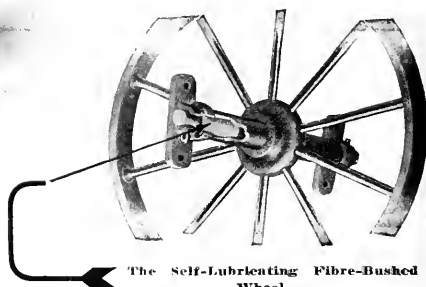
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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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LUMBERMEN WILL GIVE PRIZES FOR EFFICIENCY IDEA

Encouraged by the response to its prize offer last year, the National Lumber Manufacturers' Association has decided to offer \$2,000 in prizes this year for the discovery of new methods, new machines, or new devices in the lumber industry.

Last year's prize of \$1,000 was in a single award, but this year the \$2,000 will be divided into a first prize of \$1,000, a second prize of \$500, three \$100 and four \$50 prizes. The National Lumber Manufacturers' Association believes that widening the prize distribution so that nine contestants "will be in the money," will lead to the reception of a large number of suggestions.

The competition is open to anyone, in or out of the industry and utterly free from the petty and annoying restrictions often attached to contests of this sort. Practically the only conditions are that entries for the competition must be made before the time of the next national convention of the association, which will probably be held in April, 1923, and that any suggestion offered must relate to a new method, new machine or new device, which, in practical application or use, will result in an appreciable saving of labor, time, material or expense, when applied to present manufacturing processes in the lumber industry. Contestants are to correspond with and submit their ideas to the technical and research department of the National Lumber Manufacturers' Association, International Building, Washington, D. C. While there are no prescriptions as to form of submission, contestants are advised to take pains to formulate their suggestions in a clear, concise manner; drawings, if any, and descriptive matter, to be in neat, thorough and intelligible form.

BITUMINOUS CLAY PIPE FOR DRAINAGE AND SEWERAGE EQUAL TO CAST IRON PIPE. TESTS SHOW

As a result of laboratory tests made in the College of Industries of Carnegie Institute of Technology, Pittsburgh, it has finally been established that bituminous clay pipe for drainage and sewerage use is in every way the equal of the more expensive cast iron pipe which has been employed heretofore.

For years efforts have been made by manufacturers and engineers to find methods of efficient substitution of bituminous clay pipe for cast iron pipe, but without success. One weak point has invariably remained, an inability to join the lengths to prevent leakage. Practically speaking, there has been but one general type of jointing material used, some variation of the ordinary building cement.

Recently various bituminous compounds have been evolved as a substitute jointing material. But the first—and numerous—tests made of these, too, failed to overcome the great weakness of clay pipe when used for drainage or sewerage.

Finally a number of these bituminous compounds were placed at the disposal of S. E. Dibble, head of the Heating and Ventilating Department of the College of Industries of Carnegie Institute of Technology. He proceeded to make painstaking and unusual tests and experiments. He not only devised absolutely new equipment with which to simulate actual drainage and sewerage conditions in the making of his tests, but as a result of the tests themselves he developed an entirely new jointing practice and technique. Altogether twenty-one separate tests on a total of sixty-three joints were made, three different bituminous compounds being used.

Not only have Professor Dibble's tests established (1) that a proper bituminous compound can be used efficiently in jointing a pipe; (2) that the pipe itself is capable of standing, without showing any leak; (3) that a pipe line so jointed can be thrown out of alignment without causing a leakage at the joints; and (4) that leaks due to poor workmanship can be repaired easily and quickly; but Professor Dibble has gone further and has published actual chemical analyses of two of the bituminous compounds found satisfactory.

SANTA CLARA COUNTY SURVEYOR ENTERS PAVING BUSINESS

The San Jose Paving Co., capitalized at \$50,000, has been organized at San Jose with Irving L. Ryder, county surveyor of Santa Clara County, at its head. The declared intention of the new corporation is to pave streets and do all kinds of street work, to maintain quarries, cement and asphalt plants and manufacturing of street materials; to manufacture, use and dispose of road and street working machinery; and to go into general construction and engineering work on piers, buildings, bridges, etc. Jane E. Polhemus and William G. Ryder are others interested in the new concern.

COST OF GRADING AND PAVING ON FEDERAL AID ROAD JOBS

Statistics compiled by the Bureau of Public Roads of the United States Department of Agriculture on 1350 completed Federal aid roads, involving 7500 miles of road at a total cost of \$112,000,000, show that of the total cost, 21 per cent went into grading, 14 per cent into structure, 62 per cent into paving, and 3 per cent for engineering. These are the average figures for the whole of the United States, but there is considerable variation in different sections. In the Middle Atlantic States, where grading is not heavy and paving must be built for heavy traffic, the cost of the paving rises to 75 per cent and the grading and structures fall to 15 per cent and 9 per cent, respectively. In the Mountain State the problem is very different, much of the work being new construction with heavy grading, and the highest type of surface is not necessary. In this group of States the cost of grading amounted to 33 per cent, structures 20 per cent and paving 42 per cent.

BUILDING IN OAKLAND FORGING AHEAD, REPORT SHOWS

The valuation of new construction in Oakland is almost doubled over the May figures, according to a report of the City Building Department. May, with 772 permits, showed a total of \$1,850,160 in new construction, while June, with 733 permits, showed a total of \$3,381,045.

The number and valuation of building permits is more than double the figures of one year ago, as is shown in the following table.

Date	Permits	Valuation
July, 1921	492	\$1,162,623
August	552	1,862,609
September	719	1,478,739
October	673	1,246,220
November	646	1,235,174
December	500	2,149,756
January, 1922	581	1,329,405
February	440	1,424,772
March	732	1,925,577
April	772	1,850,160
May	813	2,243,745
June	773	3,381,045
Totals	7693	\$21,278,830

PREFERRED METHODS OF CONSTRUCTING BRICK PAVEMENTS

In line with its recent action in simplifying and standardizing the sizes of paving brick, the National Association of Paving Brick Manufacturers has approved asphalt filler as the preferred type for brick streets and roads. A resolution to this effect adopted by the Association sets forth that its researches have shown for some time a decided trend toward the use of asphalt filler; that 60 per cent of the brick pavements laid during the past year were so filled, and that it was clear that a majority of engineers and public officials were convinced that asphalt filler insured the construction of durable and economical pavements.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS



According to estimates made by Walter C. Mathewson, State Labor Commissioner, 15,000 persons were added to the payrolls of California in manufacturing enterprises during the months of April and May. The estimate is based on 546 replies received to a questionnaire sent out to industrial concerns throughout the State. This is an increase of 5.9 per cent in the total number of persons employed in the State. The greatest change is noted in the lumber industry, which shows a gain of 3415 employees, of which the logging end contributed 2251, an increase of 39.6 per cent.

Los Angeles Building Inspector reports the issuance of 3751 permits for new buildings during the month of June, with a total of \$10,652,265. A record for the year of \$100,000,000 or more is now practically assured, even though building activity declines during the next six months, a contingency which is not anticipated by officials of the building department. The total for the first six months of the year is \$59,459,250, as compared with \$31,392,477 for the same period in 1921. This is an increase of more than \$25,000,000 over last year.

In the case of N. F. Jahn against the City of Seattle, the Supreme Court of Washington holds that the provision of the Seattle city charter under which contractors on public work are required to pay the current scale of wages paid by the city for like work, and ordinances setting the maximum and minimum scales to be paid by the city are lawful. Jahn and other contractors asked for a permanent injunction against the city in the matter of its prosecuting them for paying less than the city scale.

According to advices received from Canada, spruce lumber prices have advanced from \$2 to \$5 per thousand feet board measure, according to grade. One of the largest mills in Canada has stopped booking orders for many grades, as it has been swamped with business at the advanced prices in the last three weeks. The Canadian advices state that the lumber situation looks exceedingly bright, both as regards demand and prices.

Highway Committee of Yuba County Chamber of Commerce recommends to Supervisors a program of road improvements to be made under a direct taxation by a 50 per cent levy annually. The recommendation provides for primary, the most used arteries of travel, and secondary roads, these to be graded, drained and graveled so that at some future time the foundation will have been laid for paving. About 100 miles of road are included in the program.

Building permits issued in Palo Alto for June total \$936,969. Total of past month is four times greater than that of June, 1921, and is approximately 50 per cent higher than the total expended in that city for building during the whole of last year, the report on December 31, 1921, showing \$610,607, as compared with \$301,502 for the whole of 1920.

City Building Inspector Ben H. Covell of Sacramento reports the issuance of 239 permits during the month of June. The valuation of the work carried on under these permits totals \$753,664. During the past six months 1658 permits have been issued with a total estimated valuation of \$5,203,973. This is against a total of 1553 permits issued for the six months ending June 30, 1921, with an estimated cost of \$2,556,055.

Articles of incorporation of the Delta Hemp Mills of Lodi, Calif., have been filed with the Secretary of State. The purpose of the company is to utilize hemp that is grown in the vicinity of Lodi. The company is capitalized at \$500,000. Directors are: F. B. Freeman of Lodi, E. A. Gammon of Fresno, L. L. Knowles, S. W. Downey, Reta Mason and George A. Work of Sacramento and Leon A. Clark of Oakland.

A proposed bond issue of \$260,000 for a water distributing system was defeated at a special election by the people of East San Diego. A majority vote was cast for it, but fell 110 short of the required two-thirds. The State Improvement Law of 1911 will be invoked to put the project through. A sewer system for the city is now being constructed under this Act.

The San Joaquin Light and Power Corporation has approved plans for a \$100,000 sub-station to be erected at California and Orange streets, Fresno. The building will be of concrete and steel construction, 34 x 110 feet. Work will be started early in August, according to Emory A. Wilson, general manager of the company.

Articles of incorporation of the Sacramento Lime Company, capitalized at \$200,000, have been filed with the Secretary of State. Incorporators are: L. A. Pyran of Gary, Ind.; W. A. Latta and William A. Sitton, both of Sacramento. The purpose of the company is to conduct a general lime and mining business with Sacramento as the principal place of business.

Building in San Jose for the month of June totaled \$215,150. During the month twenty-five cottages were erected, four apartment houses and three business buildings. Building permits issued for the six months ending June 30, 1922, represent an increase in building of \$479,566 over that for the first six months of 1921.

Assuring the use of a large quantity of Northwest lumber and giving added impetus to the revival of industry in the Pacific Northwest, the Northern Pacific Railroad Co. has let a contract to the Pacific Car & Foundry Co. for rebuilding 1000 freight cars at a cost of approximately \$600,000, according to word from Seattle.

Brick manufacturing plant will be erected at Old San Diego by the Vitri-fied Products Corporation. Brick will be made of shale, a large deposit of which has been secured by the new company. From the grinding of the shale all processes are carried on by machinery and the brick will not be touched by hand.

(Continued on Page 6)

ALONG THE LINE

Fresno Traction Co., E. A. Devereux, superintendent, proposes to have construction started on the extensions of its lines into Arlington Heights and in Fresno avenue, on or about November 1. Orders have been placed for 500 tons of steel rails to commence the work.

The City Council of San Diego has decided not to fill the position of consulting engineer to the city, made vacant by the resignation of W. C. Earle, who is now city engineer of Pasadena. J. W. Williams, who was assistant under Earle, has been performing the duties of his office.

The Fresno Chapter of the American Association of Engineers has adopted resolutions urging Governor Stephens to appoint an engineer to succeed the late H. D. Loveland on the State Railroad Commission. Similar action has been taken by other Chapters of the Association throughout the State.

The Fall River Mills Irrigation District was organized at a recent election in Shasta County. The district comprises 13,000 acres in the vicinity of Glenburn, McArthur and Fall River Mills. Three pumping stations will be constructed, the water to be taken from Fall River.

John W. Morris, who was associated with the late J. H. Strobbridge in the construction of the Central Pacific and the Southern Pacific railroads, and for more than 65 years a resident of Oakland, died at his home in that city July 1.

The Hudson-Bonney Lumber Co., Burbank, Cal., has incorporated for \$100,000. T. H. Hudson, V. A. Bonney and George N. Swartz are the incorporators.

C. E. LaBoyetaux Co. has secured Los Angeles agency for the Thomas Elevator Co., manufacturers of power driven hoists and hoisting equipment, with factories at Chicago.

Stockton Chamber of Commerce reports building activities in that city for the month of June totaled \$221,060. For the corresponding month of 1921 the total was \$142,655.

The P. J. Walker Co. of San Francisco has opened Los Angeles offices in the Merchants National Bank Bldg., with Raymond W. Kinne in charge.

Foundry and boiler works of W. W. Rosebraugh at Salem, Ore., recently destroyed by fire will be rebuilt at a cost of \$25,000.

Fisher-Glassford Hardware Co. of Fresno has purchased site 40x120 feet, in South Van Ness avenue and will erect new quarters.

LIABILITY OF UNIONS FOR STRIKE DAMAGES

Since the decision of the U. S. Supreme Court in the Coronado case holding that unions, whether incorporated or unincorporated, are liable for strike damages, leaders of organized labor have announced their intention to ask Congress for legislation relieving unions of responsibility in such cases. Whether such legislation can be enacted without being open to attack as class legislation is by no means certain. In its opinion in the Coronado case the Supreme Court said:

"Though such a conclusion as to the liability of trade unions is of primary importance in the working out of justice and in protecting individuals and society from possibility of oppression and injury in their lawful rights from the existence of such powerful entities as trade unions, it is after all in essence and principle merely a procedural matter. As a matter of substantive law, all members of the union, engaged in a combination doing unlawful injury are liable to suit and recovery, and the only question is whether when they have voluntarily, and for the purpose of acquiring concentrated strength and the faculty of quick unit action and elasticity, created a self-acting body with great funds to accomplish their purpose, they may not be sued as this body, and the funds they have accumulated may not be made to satisfy claims for injuries unlawfully caused in carrying out their united purpose."

This decision is based on a broad interpretation of basic law. As pointed out by the court, to require persons injured by strikes to bring suit against individual members of unions would be to "leave them remediless." Legal recognition and protection have been given to unions and "it would be unfortunate," as stated by the court, "if a great organization carrying on in a wide territory strikes out of which so much injury to private rights is possible, could assemble its assets to be used therein free from liability for injuries by torts committed in course of such strikes."—Southwest Builder.

GLADDING, McBEAN CO. DONATES FUNDS FOR LINCOLN SWIMMING POOL

The City of Lincoln, Placer County, will have a new municipal swimming pool with every modern convenience, to cost \$10,000, if the City Board of Trustees will appropriate \$3,000 and the Chamber of Commerce is able to raise \$3,000 by popular subscription.

These are the terms of a \$4,000 offer to complete the \$10,000 fund which Gladding, McBean & Company, San Francisco clay products manufacturers, has made in a letter read at the last meeting of the Chamber of Commerce. A resolution was adopted to accept the offer.

CANADA'S ROADS

Highway improvement is going forward rapidly in Canada. Ten per cent of the dominion's road mileage has been graded or surfaced, says the annual report of the Canadian Good Roads Association, and there is one mile of road for every twenty-one residents. In the western provinces road building has been hastened by the influx of settlers and subsequent expansion of agriculture. Thousands of motor trucks supplement the horse-drawn vehicles. Canada's highways represent an investment of \$574,000,000,

FOREST PRODUCTS LABORATORY TELLS HOW TO DETERMINE TRUE MAHOGANY

Only true mahogany from tropical America, "African mahogany" and "Philippine mahogany" are commonly sold as mahogany in this country, but at various times over sixty different species of timber have been sold under that name. Although all of these species resemble each other in varying degrees, tropical American mahogany and "African mahogany" possess one important characteristic in common. This is the occurrence of dark amber-colored gum in many of the pores. The gum does not fill the pores, but is recognized as dark specks or streaks in the pores as seen on end or side grain. This gum is barely visible to the naked eye, but is easily seen through a hand lens with a magnification of ten to fifteen diameters. In preparing the end grain of the wood for examination, a very sharp knife should be used to make a smooth cut.

Some other woods have similar dark masses of gum in the pores, but none of them are commonly substituted for mahogany. Among them are crabwood and sapelli, species imported from South America in small quantities only, and the Cedrelas (Spanish cedar, etc.), which are rarely sold as mahoganies, and are easily recognized by their odor.

True mahogany has fine, continuous, concentric lines in the cross section usually from one-eighth to one-half inch apart, which distinguish it from "African mahogany" in which these lines never occur.

"Philippine mahogany," although not marked by the black masses of gum, is distinguished from true mahogany and other so-called mahoganies by the presence of fine white tangential lines one-eighth inch to several inches apart, readily visible to the naked eye, and showing under a lens as rows of small openings filled with a white substance.

A more complete key and description of mahogany and so-called mahogany, which describes common species in detail, may be obtained from the Forest Products Laboratory, Madison, Wisconsin.

HOOVER URGES BOULDER DAM CONSTRUCTION

Prompt construction by the Federal Government of a dam at Boulder Canyon for the protection of Imperial Valley, California, against the flood waters of the Colorado river, was urged by Secretary Hoover before the House committee on irrigation of arid lands, June 21.

Secretary Hoover, speaking as chairman of the Colorado river commission, stated that he earnestly recommended action by Congress upon the project without waiting until the commission could report a comprehensive plan for irrigation and power plants at other places along the river.

It was the duty of the Federal government, Hoover said, to take prompt steps to protect the Imperial Valley from inundation by floods from the Colorado river and the contemplated dam and reservoir to be constructed for that purpose, he explained, would produce sufficient revenue through the sale of water for irrigation purposes and by the generation of hydroelectric power to reimburse the government for the cost of construction.

The commission, he said, favored treating the project independently and promptly, provided Congress stipulated that it should not vest any private rights which might interfere with the subsequent apportionment and distribution of water by the commission

among the states in the basin of the Colorado.

The demand in Los Angeles and elsewhere in southern California for electric power was explained to the committee by Professor W. F. Duran, of Stanford University, who stated that with all projected enlargement of private power construction, the demand could not be met and with the estimated 600,000 horsepower to be generated at Boulder Canyon, the Federal competition would drive the private enterprises out of business.

SAN FRANCISCO BUILDING ACTIVITIES SLACKEN IN JUNE, REPORT SHOWS

As compared with the month of May, building operations in San Francisco for June show a loss of \$1,010,365. During the past month 618 building permits were issued by the Department of Public Works for improvements, totaling \$3,336,701. For the month of May 786 permits for the same work costing approximately \$1,377,066. During the month of June, 1921, the Department issued 475 permits, work under these costing approximately \$250,965.

The following is a segregated list of operations for the month of June, 1922, as compiled by Chief Inspector of Buildings John P. Morgan:

	No. of Permits	Est. Cost
Class A	2	\$185,000
Class B	1	160,000
Class C	30	301,140
Frames	243	1,365,358
Alterations	368	326,912
Public Buildings	1	97,991
Total	618	\$3,336,701

BUILD HIGHWAYS TO CARE FOR TRAFFIC, SAYS ATTORNEY

Highways should be constructed with regard to the necessities and demands of traffic, and traffic should not be limited or curtailed by insufficient highways, declared Attorney Lewis H. Smith, speaking before the Progressive Business Club at Fresno. His subject was, "Some Problems on Our Highways."

"It would be of tremendous advantage to the highways of California and to its people who are served thereby," said Smith, "if county officers would join forces with a central State board such as the Highway Commission in a survey of all the arteries of travel throughout the State in order that future highway construction might be carried out under a unified and co-ordinated plan."

LUMBER COMPANY TO AID IN FOREST FIRE PROTECTION

The co-operation of the McCloud River Lumber Company has been obtained this year to aid the U. S. Forest Service in fire protection work over 175,000 acres of that company's land, which adjoins a large Government forest tract, according to an announcement of Paul G. Redington, district forester, following his return from Sisson, Calif. Redington says that this contract gives the Forest Service the aid of 1000 of the 1600 private timber owners in the State for fire protection. These private owners control 4,000,000 acres of the 4,500,000 acres of land within or adjacent to National Forests.

Foster Lumber Co., Ritzler, Ore., suffers \$100,000 fire loss. Sawmill with daily capacity of 125,000 ft. constructed two years ago, destroyed. Headquarters of the company are located in Nebraska.

CONTRA COSTA COUNTY BUILDERS' EXCHANGE HOLDS ANNIVERSARY BANQUET

The "Anniversary Banquet" of the Builders' Exchange of Contra Costa County was held Friday evening, June 30th at the Commodore Club, Richmond. More than one hundred attended the affair representing branches of the construction industry from San Francisco, Oakland and Contra Costa County.

P. M. Sanford, President of the Exchange, acted as Toastmaster and introduced the speakers who included Wm. H. George of the Henry Cowell Lime & Cement Company; Warren McBryde of the Industrial Association; H. Robinson of the Oakland Chamber of Commerce and E. M. Tilden, a director of the Richmond Exchange.

A feature of the evening was the presentation of a shot gun by President Sanford to Chas. Brown, Richmond plasterer, for valuable services rendered the Exchange during the past year.

Between talks and tasty dishes an interesting program of entertainment progressed which included a stunt by Al. Paulsen, "The Upside Down Wizard;" the "Red Pepper Girls," and songs of the old days by Miss Maug Rockwell, ex-star of the Orpheum Circuit and L. H. Johnson of Richmond.

E. H. Higgins was chairman of the Banquet Committee and was assisted by L. C. Dexter, Secretary of the Exchange.

ROAD IMPROVEMENT MAY HOND ISSUES TOTAL \$30,673,000

In May a total of \$30,673,000 for the country was reported in bond issues proposed for road improvement. The total for April was \$13,751,000. Bond issues voted for roads in May amounted to \$55,224,460, while those voted in April were \$50,815,582—A decrease for May of \$15,591,058.

The total value of road bonds reported sold for May amounted to \$32,125,932—a decrease of \$1,226,224 over the sales in April. This is due to the fact that a majority of the bond elections are held in the early spring or the late fall.

That street construction fared relatively better than road building in May is indicated by the fact that proposed bond issues reported for that purpose amounted to \$8,720,300 in May—an increase of \$1,902,750 over the \$6,817,550 reported the month before, and bonds voted amounted to \$10,119,582—an increase, over the \$8,036,132 reported in April, of \$2,083,450.

Lands actually sold for street construction, however, decreased from the \$8,581,561 reported in April, to \$6,862,847 in May—a drop of \$1,718,514.

MASSACHUSETTS TO LIMIT MOTOR TRUCK LOADS

The Massachusetts Highway Commission is seriously considering the reduction of the maximum motor truck load permissible on the highways of that State to 20,000 pounds, including truck and load. Such was the statement made by James W. Synan of the Massachusetts Highway Commission at the recent meeting of the National Highway Traffic Association. Mr. Synan said that an extensive plan of road building was under way in his State, but, as it would take several years for the best type of roads to catch up with the existing highway transport conditions, it might be necessary to reduce the present legal weights until such time as the State roads could sustain the steadily increasing heavy traffic. The proposed limitation would prohibit the use of a motor truck exceeding five tons capacity.

PREPARATION OF SAFETY CODE FOR CONVEYORS AND CONVEYING MACHINERY UNDER WAY

An important step toward the solution of an accident problem has just been accomplished through the decision of the American Engineering Standards Committee that the development of a safety code for conveyors and conveying machinery be undertaken.

The introduction of mechanical conveyors in many industries, has eliminated a large proportion of the accidents resulting from the manual handling of materials, but it has at the same time introduced new hazards, many of which can be prevented by a more general agreement among both users and manufacturers of conveying equipment as to safe practices in manufacture, installation and operation of such equipment.

The American Society of Mechanical Engineers and the National Bureau of Casualty and Surety Underwriters have been appointed joint sponsors for this code. All interested national organizations will be asked to co-operate in the formulation of the code. This code, the American Engineering Standards Committee announces, will be intended as a guide for the safe operation and maintenance of conveyors and conveying machinery coming under the following main divisions: Gravity, belt, chain, flight bucket, apron, screw and jigger conveyors; car hauls, aerial cableways, overhead trolley, and pneumatic tubes.

All shafting, pulleys, belts, link belts, chains, gears, sprockets, couplings, clutches, etc., used on and in connection with conveyors and conveying machinery will be covered in the Mechanical Power Transmission Code now in preparation.

MCCLENEHAN PRODUCTS CO. TO ISSUE STOCK

The McClellan Products Company of San Francisco, organized for the purpose of acquiring the assets of McClellan Products Co., which was engaged in the manufacture and sale of cement products complete from magnesite, has been permitted by the State Corporation Department, to sell 14,999 shares of its preferred and 25,001 shares of its common capital stock to Walter McClellan as trustee for the stockholders of McClellan Products Co. in exchange for all of the assets of the business. It also is permitted to sell 150,000 shares of its preferred and 50,000 shares of its common capital stock in units of one share of common and three shares of preferred at \$3.00 per unit; and to issue 174,999 shares of its common capital stock to Walter McClellan as and when shares are sold for cash. The shares issued to McClellan are in exchange for certain real property. The stock issued to McClellan as trustee and the stock issued to McClellan for property are to be deposited as an escrow.

SIAM STATE RAILWAYS SEEK BRIDGE BIDS

The Siam State Railways have transmitted to the United States Department of Commerce through the U. S. Consul at Bangkok a form of tender and specifications for the supply of superstructures for steel railway bridges totaling 35 spans and 1485 meters in length. Tenders must be in the office of the Siam State Railways in Bangkok not later than October 1, 1932. Copies of the papers submitted for the use of American bidders may be obtained from C. P. Sandberg, 143 Liberty street, New York City.

ZONING PRIMER IS ISSUED BY DEPARTMENT OF COMMERCE

Avoidance and correction of the present topsy turvy arrangement of so many American cities, the cause of millions of dollars' loss, is the object of "A Zoning Primer," issued by the Division of Building and Housing of the Department of Commerce.

The enormous waste in American cities from scrapping good buildings on account of the blighting of districts has long been apparent, and for years has levied its tax on the American people.

Random crowding of stores among private dwellings, the elbowing of factories and garages into the rightful domains of neat retail stores or well kept apartment houses and the construction of tall, bulky office buildings so closely crowded that the lower floors are too dark for human use and consequently seldom occupied, is part of the present stupid, wasteful jumble which proper zoning will prevent and, adversely correct, in the opinion of the advisory committee on zoning of the Department of Commerce.

The pamphlet describes the object of zoning, the need, the health and property protection afforded and its effect on the cost of living.

Legal problems, with an outline of what some cities have accomplished, and a zoning program are also included among the subjects. Copies are sold by the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each.

The Observer.

(Continued from Page 4.)

Contractors of Sutter County have organized a Builders' Exchange and will seek affiliation with the Marysville Builders' Exchange which has been in existence for some time. The new organization embraces nineteen members in its membership and has named J. E. Hacker, president and Ernest Zwaneck, secretary.

The Economy Fuse & Mfg. Co., Chicago, Ill., announces the appointment of Chas. H. Bluske as District Sales Manager of the Los Angeles office at 1304 Maltman Ave. Bluske was formerly connected with the Pacific States Electric Company of Los Angeles, and succeeds Geo. L. Davis.

The Boyle-Dayton Co. of Los Angeles, manufacturers of gas measuring pumps, gas storage tanks and air compressor units, has established a district office at 139 Second St., San Francisco, under the management of C. L. Ellsworth. Orders from any section of the country can be filled from this branch.

Oakland has been selected as one of the five cities where will be located the assembling plants for a new \$30,000,000 consolidation of manufacturers of automobiles, trucks and auto parts under the name of the Associated Motor Industry.

Jacobs, Ackerman & Crezier, contractors of Eureka, Calif., have taken over the Hammond Lumber Yards at the foot of I street, in that city, and have started the construction of a planing mill.

Designs are being considered by a Citizens' Committee in Oakland for an electrolier lighting system to be installed around Lake Merritt. It is proposed to install 560 standards of metal or concrete construction.

Building News Section

APARTMENT HOUSES

To Be Done by Day's Work and Sub-Contracts.
APARTMENTS Cost, \$—
SAN FRANCISCO. SE Green and Taylor Sts., 137-6
 Five-story Class C apartment house.
 Owner—Mrs. Henry C. Smith.
 Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
 Monson Bros. 251 Kearny St., have the contract for the concrete work.

To Be Done by Day's Work.
APARTMENTS Cost, \$12,000
SAN FRANCISCO. S Greenwich 179-6
 E Polk.
 Two-story and basement frame (7) apartments.
 Owner—Sam Rosenberg, 708 Mission St., San Francisco.
 Architect—Not given.

Plans Being Prepared.
APARTMENTS Cost, \$850,000
LOS ANGELES. Cal. SE Wilshire Blvd. and Berendo St.
 Ten-story Class A apartment house, 145x175 (240 rooms).
 Owner—A. C. Elmerenthal, Loewe State Bldg., Los Angeles.
 Architect—G. Albert Lunsburg, 709 Mission St., and Aleck E. Curlett and Claud Beelman, 408 Union Bank Bldg., Los Angeles.

To Be Done by Day's Work.
APARTMENTS Cost, \$24,000
SAN FRANCISCO. N California 192-6
 W Hyde Street.
 Three-story and basement frame (6) apartments.
 Owner—P. Lacoume and W. Costello, 1559 California St., San Francisco.
 Architect—Jas. F. McGuinness Jr.

Plans Being Figured—Bids Close July 14, 1922.
APARTMENTS Cost, \$25,000
MARYSVILLE. Yuba Co., Cal. E and Seventh Streets.
 Two-story frame apartment house (8 3 and 4-room apts.).
 Owner—Arthur C. Powell.
 Supervising Architect—August G. Headman, Cal Bldg., S. F.
 Figures are being taken from Marysville contractors among which is L. E. Hite. Sub-figures are wanted on iron, tile and marble, cast cement, terra cotta tile and hardwood floors.

Plans Being Figured—Bids Close July 6, 1922.
APARTMENTS Cost, \$—
SAN FRANCISCO. Jackson St. near Broderick St.
 Two and three-story frame and plaster apartment house.
 Owner—Mrs. Jas. W. Ward.
 Architect—A. H. Knoll, Hearst Bldg., San Francisco.
 Figures are being taken for a general contract.

Segregated Figures Being Taken.
APARTMENTS Cost, \$25,000
SAN FRANCISCO. E Sixteenth Ave. bet. Fulton and Cabrillo Sts.
 Three-story frame and stucco apartment house (6 4-room apts.).
 Owner—Withheld.
 Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Plans Being Figured.
APARTMENTS Cost, \$—
SAN FRANCISCO. SW Hyde and Greenwich Streets.
 Eleven-story and basement Class A reinforced concrete apartment house (20 5 and 6-room apartments).
 Owner—O. E. Martin.
 Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.

Plans Being Prepared.
ALTERATIONS Cost, \$10,000
SAN FRANCISCO. Twenty-fourth St. near Folsom St.
 Alter three-story frame flat building into (3) apartments and 2 stores.
 Owner—Dr. A. W. Martin.
 Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Concrete Work Awarded Architect Taking Sub-Figures. Cost, \$15,000
SAN FRANCISCO. O. W. Leavenworth St. 147-6 N Turk St.
 Four-story and basement reinforced concrete (23) apartments.
 Owner—Carl E. Ernst, 633 Hayes St., San Francisco.
 Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Concrete Work awarded to Mission Concrete Co., Cal. Bldg.

Plans Being Prepared.
APARTMENTS Cost, \$10,000 to \$25,000 each.
SAN FRANCISCO. S Pine St. W of Mason Street.
 Two three-story frame or two five-story reinforced concrete apartment houses.
 Owner—Jas. Bell.
 Architect—E. H. Denke, 1317 Hyde St., San Francisco.

Concrete Work Awarded—Owner Taking Sub-Figures.
APARTMENTS Cost, \$—
SAN FRANCISCO. SE Bush and Taylor Streets.
 Six-story Class A store and apartment house building (41 apartments).
 Owner—A. Guizner, 1032 Balboa St., San Francisco.
 Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Concrete Work awarded to L. Vannucci, 16th and Church Streets.

Bids Opened.
APARTMENTS Cost, \$—
STOCKTON. San Joaquin Co., Cal. NW Lafayette and California Sts.
 Three-story brick store and apartment building (6 stores 12 2 and 3-room apartments).
 Owner—G. L. Garibetto, N. Copella, E. Architect—Edw. M. Conney, Stockton.
 H. E. Vickroy, 1122 N. Commerce St., Stockton \$51,000
 Shepherd & Riley \$4,832
 Carl Nelson \$4,575
 Hertzog & Orcutt \$5,985
 Frank Tucker \$5,650
 Robert Beyrle \$5,992.

Plans Complete.
APARTMENTS Cost, \$15,000
OAKLAND. Cal. E Grove St. 174 8 14th St.
 Two-story frame 16-room apartments and stores.
 Owner—N. Rizzo, 1132 7th St., Oakland.
 Architect—Not given.

BANKS

Contract Awarded on Cost Plus Basis.
BANK BLDG. Cost, \$50,000
SAN FRANCISCO. SE Broadway and Columbus Ave.
 One-story and basement reinforced concrete bank building.
 Owner—Italian-American Bank.
 Architect—Italo Zanolini, 604 Montgomery St., San Francisco.
 Contractor—Cahill Bros., 110 Sutter St., San Francisco.

Low Bidder.
BANK BLDG. Cost, \$134,500
BERKELEY. Alameda Co., Cal. Fulton St. opposite Kittredge St.
 Two-story and basement reinforced concrete bank building.
 Owner—Federal Land Bank.

Architect—Jas. W. Plachek, 2011 Shattuck Ave., Berkeley.
Low Bidder—Laxton & Vozza, 347 12th St., Oakland.

The general contract includes excavating, grading, concrete work, foundation, brick and brickwork, architectural terra cotta, carpentry work, roofing and waterproofing, plumbing, heating and plastering, sheet metal work, brass railing, wrought iron, revolving doors, painting, marble, tile, linoleum, glazing, electrical work, heating and ventilating.
 Separate bids will be taken for the electric fixtures, curtains, shade and steel lockers.

Contract Awarded.
BANK Cost, approx. \$21,000
LAKEPORT. Lake Co., Cal.
 One-story and basement reinforced concrete bank building.
 Owner—Bank of Lake.
 Architects—Morrow & Garren, Chonah Bldg., San Francisco.
 Contractor—Bordwell & Zimmerman, Calistoga, Cal.

BONDS

SANTA CRUZ. Santa Cruz Co., Cal.—Election will be held July 22 in Scott's Valley School District to vote bonds of \$8000 to finance school improvements. Trustees of district are S. M. Smith, Albert C. Kitchel and E. Frawley.

HEALDSBURG. Sonoma Co., Cal.—Bonds of \$5000 voted to improve water system and \$1500 to improve sewer system.

SAN DIEGO. Cal.—Board of Education is planning to submit a \$1,000,000 bond issue to vote about the time of the State Primary Election, the end of August. The funds will be used to erect an intermediate high school at Pacific Beach, costing \$800,000, and additions to schools in other parts of the city.

MARYSVILLE. Yuba Co., Cal.—Election held in Feather River Union School District to vote bonds of \$25,000 for new school, failed to carry.

REEDLEY. Fresno Co., Cal.—Election will be called in Altamont School District to vote bonds of \$25,000 to purchase site, erect and equip 8-room and auditorium school building. Trustees of the district are: H. E. Wurth, Fred W. Coburn, C. E. Gilliland and C. J. Jackson.

MADERA. Madera Co., Cal.—Election will be held July 25 in Madera School District to vote bonds of \$15,000 to finance school improvements. Trustees of the district are: B. Buckley, Granville Brown and C. C. Gregory.

MARYSVILLE. Yuba Co., Cal.—City Council sells \$30,000 bond issue to improve Ellis Lake for premium of \$2661. W. M. Meek, city eng.

CONCORD. Contra Costa Co., Cal.—The \$70,000 bond issue of the Concord Grammar School District sold by Supervisors for premium of \$7728; proceeds of sale will finance construction of new school.

SAN DIEGO. Cal.—A bond issue of \$100,000 will be voted on at election August 1. The issue is for purchase of land for Arroyo Seco for public playground.

WILLIAMS. Colusa Co., Cal.—Petitions are being circulated asking that election be called to vote bonds to finance construction of sewer and water system.

VISALIA. Tulare Co., Cal.—The \$10,000 bond issue of the Goshen School District sold by Supervisors for premium of \$225; proceeds of sale will finance school improvements. Supervisors refuse premium of \$725 for \$7500 issue of Wilson School District.

SAN JOSE. Santa Clara Co., Cal.—Supervisors sell \$10,000 bond issue of Gilroy School District for premium of \$487 and \$25,000 issue of San Martin School District for premium of \$210. The \$6500 issue of the Cupertino Union School District sold for premium of \$5. Proceeds of the sale in each instance will finance school improvements.

NAPA. Napa Co., Cal.—August 15 is date set to vote bonds of \$600,000 to purchase and improve privately owned water system.

WILLOWS. Glenn Co., Cal.—Supervisors sell \$14,000 bond issue of Plaza School District for premium of \$347; proceeds of sale will finance school improvements.

VACAVILLE. Solano Co., Cal.—Supervisors sell \$75,000 bond issue of Vacaville School District for premium of \$3,417, proceeds of sale to finance school improvements. Plans are being prepared by Architects Geo. Selson & Co., Mitau Bldg., Sacramento.

GILROY. Santa Clara Co., Cal.—Election will be held July 24 in Gilroy High School District to vote bonds to finance construction of a high school gymnasium and heating plant for the present gymnasium, present high school, manual training building and shops and the seventh and eighth grade school. Plans are being prepared by Architects Wyckoff & White, Growers' Bank Bldg., San Jose.

SACRAMENTO. Cal.—Election will be held July 22 in Alabama School District to vote bonds of \$10,000 to finance school improvements. Trustees of district are: Charlotte E. Wilson, C. J. Taylor and C. W. Griffith.

YUBA CITY. Sutter Co., Cal.—Organization of club is proposed to back movement to call election to vote bonds of \$50,000 to finance installation of pumps, sumps and main trunk line sewer. Edward von Geldern, city eng.

CHURCHES

Plans Being Prepared.
CHURCH. Cost, \$75,000
PASADENA. Los Angeles Co., Cal.
Highland Park.

Brick church.
Owner—Grace Presbyterian Church.
Architect & Contractor—The Littleton Co., 608 E. Colorado St., Pasadena.

Contract Awarded.
CHURCH. Cost, \$20,749
PETALUMA. Sonoma Co., Cal.
One-story frame and plaster church.
Owner—Christian Science Church of Petaluma.
Architect—Ed Bolles, 233 Post St., San Francisco.
Contractor—John Morton, Balboa Bldg., San Francisco.

Plans Being Figured—Bids Close July 15, 1922, 6 p.m.

CHURCH. Cost, \$—
GLENDORA. Los Angeles Co., Cal.
Reinforced concrete church, 80x115.
Owner—Glendale Christian Church.
Architect—H. M. Patterson, 324 O. T. Johnson Bldg., Los Angeles.
Plans may be obtained from F. E. Odell, Converse Bldg., Glendora.

FACTORIES & WAREHOUSES

Plans To Be Prepared.
CIDER PLANT. Cost, \$—
SANTA CLARA. Santa Clara Co., Cal.
Adjoining plant of C. H. Baker Evaporating Co.
Owner—Jones Bros & Co., Watsonville.

Plans Being Figured
LOFT BLDG. Cost, \$40,000
SAN FRANCISCO. Folsom Street near Second Street.
Two-story reinforced concrete loft building, 150x137-6.
Owner—Louis R. Lurie.
Architect—O'Brien Bros., 240 Montgomery St., San Francisco.

Contract Taking Sub-Figures.
PUBLISHED PLANT. Cost, \$10,899
SAN MATEO. San Mateo Co., Cal.
One-story reinforced concrete building (for publishing plant of San Mateo News Leader).
Owner—Edw. Higgins, San Mateo.
Architect—W. H. Topke, Hagelstein Bldg., San Mateo.
Contractor—John Morton, Balboa Bldg., San Francisco.

Work Started.
WAREHOUSE. Cost, \$—
SANTA ROSA. Sonoma Co., Cal. Northwestern Pacific tracks north of Santa Rosa.
One-story reinforced concrete warehouse building, 50x150.
Owner—A. D. Sund of the Santa Rosa Transfer Co., Santa Rosa.
Architect—Wm. Herbert, Santa Rosa.
Contractor—A. M. Hildebrandt, Santa Rosa.

Contract Awarded.
FACTORY. Cost, \$—
VALLEJO. Solano Co., Cal. Foot of Porter St. in South Vallejo.
Factory building.
Owner—Solano Manufacturing Co., Emery Day Sr. sales manager.
Contractor—S. J. Weeks, 331 El Dorado St., Vallejo.

Plans Completed.
REPAIRS. Cost, \$14,000
SACRAMENTO. Cal. No. 2331 Third Street.
Remodel laundry and general repairs.
Owner—Modern Laundry Co., Premises
Architect—None.

Contract Awarded.
WAREHOUSE. Cost, \$—
PITTSBURG. Contra Costa Co., Cal.
One-story frame and corrugated iron warehouse 80x350 ft. with 87-ft. 5-story mill 20x40 in center.
Owner—California Bean Growers' Association, 120 Battery St., San Francisco.
Engineer—MacDonald Engineering Co., 148 California St., San Francisco.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.

Contract To Be Awarded.
FACTORY. Cost, \$25,000
VALLEJO. Solano Co., Cal. Napa St.
One-story reinforced concrete factory 125x52 ft.
Owner—Western Die Casting Co., Berkeley, Cal.
Architect—E. Perry Jr., P. O. Box 636, Vallejo.
Contractor—Teixeira Lumber Co., Vallejo.

Plans Complete—Figures to Be Taken Shortly.
WAREHOUSE. Cost, \$150,000
PITTSBURG. Contra Costa Co., Cal.
One-story reinforced concrete warehouse, 30x200.
Owner—Pioneer Rubber Co.
Architect—Benj. G. McDougall, 351 Bush St., San Francisco.
Plans are complete and awaiting the approval of the owners.

Contract Awarded.
WAREHOUSE. Cost, \$—
GILROY. Santa Clara Co., Cal.
One-story reinforced concrete store and warehouse building.
Owner—Sargent Estate.
Lessee—Hollister Flour & Feed Co.
Contractor—Wm. Radtke, Gilroy, Cal.

Plans Being Prepared.
STORE & SHOPS. Cost, \$175,000
PORTLAND. Ore. NW Third and Adler Streets.
Eight-story reinforced concrete store and specialty shops, 50x100.
Owner—Holman, Multnomah Hotel, Portland, Ore.
Architect—Clausen & Clausen, Macleay Bldg., Portland, Ore.

SANTA PAULA. Cal.—Standard Oil Co., C. H. Hamilton, District Sales Manager, will erect a complete distributing plant to serve this city and surrounding territory. It will include general offices, garage, warehouse and storage facilities.

FLATS

Plans Being Figured.
FLATS, ETC. Cost, \$17,000
SAN FRANCISCO. SW Eleventh Ave. and Clement St.
Two-story frame and plaster flat and store building 1 6-room flat and 4 stores.
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Contract Awarded.
FLATS. Cost, \$10,000
OAKLAND. Cal. S 61st St. 100 E Grove.
Two-story frame (4) flats.
Owner—Helene E. De Camp, 1760 62nd St., Oakland.
Architect—Not given.
Contractor—C. E. Charleston, 5627 Genoa St., Oakland.

Bids In. Cost, \$25,000
FLATS.
SAN FRANCISCO. W 8th Ave 27 N Cabrillo.
Three 2-story and basement frame flat buildings (2 flats each).
Owner—L. Becker and A. S. Katz, 261 Valencia St., San Francisco.
Architect—G. A. Berger, 261 Valencia St., San Francisco.

Contract Awarded.
FRAME FLATS. Cost, \$12,000
SAN FRANCISCO. NW Church and Valley Sts.
Two-story and basement frame (2) flats.
Owner—E. Graham.
Architect—W. H. Armitage, 72 New Montgomery St., San Francisco.
Contractor—Gustaf Hedcn, 224 Laidley St., San Francisco.

Contract Awarded.
FRAME FLATS. Cost, \$18,000
SAN FRANCISCO. N Union St. 37 W Taylor St.
Three-story and basement frame (3) flats.
Owner—E. Pochini, 989 Greenwich St., San Francisco.
Architect—P. F. De Martini, 946 Broadway, San Francisco.
Contractor—Luigi Raggio, 989 Greenwich St., San Francisco.

GARAGES

Plans Being Prepared.
GARAGE. Cost, \$40,000
SAN FRANCISCO. Bush and Franklin Sts.
Two-story reinforced concrete garage.
Owner—Joseph Pasqualetti, Humboldt Bank Bldg., San Francisco.
Architect—Meyer & Johnson, 642 Market St., San Francisco.
Construction will be done by the owner, who is a contractor.

To Be Done by Day's Work.
GARAGE. Cost, \$17,000
OAKLAND. Alameda Co., Cal. NW 15th and Grove Sts.
One-story brick garage.
Owner—Lippow & Knott, 190 Clinton Ave., Alameda.
Architect—None.

FRESNO. Fresno Co., Cal.—Until August 1, 5 P. M., bids will be received by L. L. Smith, Secretary of the Board of Education, to construct a garage building at the high school. Coates & Traver, Architects, Rowell Bldg., Fresno. See also bids under official proposal section in this issue.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON. D. C.—Bureau of Yards and Docks, Navy Department, preparing Specification No. 4886 for screening Naval Hospital at San Diego,

Cal. Further mention will be made of this work when bids are wanted.

WASHINGTON, D. C.—Following bids received by Purchasing Agent, Postoffice Department, for conveyor system in Los Angeles, Calif., postoffice:

Samuel Olsen, Chicago, Ill., \$55,600; deduct \$500 for U. S. belting.

Lamson Co., 100 Boylston St., Boston, Mass., \$68,153; deduct \$185 if rubber lagging is omitted; deduct \$300 if Cutler-Hammer circuit breakers are used; deduct \$2,730 if 50 KW motor generator sets are omitted and other material used.

Mathews Gravity Carrying Co., Elwood City, Pa., \$42,000; alternate, \$40,700 for Goodyear belting.

Standard Conveyor Co., St. Paul, Minn., \$52,812.00, plus \$2,086 for automobile take-off, plus \$1,353 for Checker Wheeler motors; deduct \$349 if Westinghouse motors are used; deduct \$1,428.30 if Goodyear belting is used.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, preparing Specification No. 4688 for oil wharf construction at Mare Island Navy Yard. Further mention will be made of this work when bids are asked.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, preparing Specification No. 4687 for submarine base pier at Pearl Harbor, T. H. Further mention will be made of this work when bids are desired.

WASHINGTON, D. C.—Following bids received by Purchasing Agent, Postoffice Department for installing conveyor system in Sacramento, Calif., postoffice:

Lamson Co., Boston, \$2,569; deduct \$25 if 4-ply leather belting is used.

Standard Conveyor Co., St. Paul, Minn., \$2,379, using Rexall belting.

Mathews Gravity Carrying Co., Elwood City, Pa., \$2,938.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, for furn. materials as follows:

Schedule 2649: For Mare Island, 840 machine and scaling hammers; also copper hammers; bids open July 25.

Schedule 26: Eastern and Western Navy Yards, 12,000 sq. yds. linoleum, bids open July 14.

Schedule 29: For Mare Island, 500 lbs. runner insulating tape; bids open July 25.

Schedule 30: For Mare Island, 6,000-ft. enginer and wash deck hose and 150-ft. rubber hose; bids open July 25.

WASHINGTON, D. C.—All Bids received on June 15 in Supervising Architect's Office, Washington, D. C., and in the office of the Superintendent of Construction, U. S. Veterans' Hospital, Whipple Barracks, Prescott, Arizona, for electric light, power and telephone systems, at the U. S. Veterans' Hospital at Whipple Barracks, Prescott, Arizona, have been rejected. The lowest bid was submitted by the Severin Electric Co., 55 6th St., San Francisco, at \$38,900.

HALLS AND SOCIETY BUILDINGS

Sketches Prepared.

MAUSOLEUM, Cost, \$100,000
LONG BEACH, Los Angeles Co., Cal.
Harbor Blvd. at Redondo Road intersection.

Reinforced concrete mausoleum.
Owner—Long Beach Mausoleum Co., 245 E-First St., Long Beach.
Architect—Egger & Kahrs, 38 Locust St., Long Beach.

Plans Being Prepared.
CLUB, Cost, \$400,000
SEATTLE, Wash. Site yet to be selected.

Seven-story brick and steel nurses' club, 120x90 feet.

Owner—King County Association of Graduate Nurses, Miss Della Griffin, Secretary, Seattle, Wash.

Architect—A. H. Albertson, Henry Bldg., Seattle, Wash.

LIVE OAK, Sutter Co., Cal.—Until July 14, 8 P. M. bids will be received by Mrs. N. F. Todd, Chairman, Building Committee, Live Oak Woman's Club, to construct addition to clubhouse. Plans on file at Hauck Bros. store, Live Oak.

HOSPITALS

Commissioned to Prepare Plans.
HOSPITAL, Cost, \$200,000
ASTORIA, Ore. Sixteenth and Franklin Avenues.

Fireproof hospital, 200x200 feet.
Owner—Fraternal Hospital Association, Astoria, Ore.

Architect—Mr. Hicks, Astoria, Ore.

Contract Awarded.
ADDITION, Cost, \$10,650
BERKELEY, Alameda Co., Cal. University and Sixth Sts.

One and two-story frame and stucco addition to Dispensary.

Owner—City of Berkeley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.

Contractor—H. P. Nelson, 147 Blake St., Berkeley.

Scott Co. submitted the lowest bid for the heating at \$615 and will be awarded the contract.

Contract Awarded.
SANITARIUM, Cost, \$31,000
FRESNO, Fresno Co., Cal. 708 E St.

Sanitarium.
Owner—O. Konoge.

Contractor—J. K. Church, 221 North U St., Fresno.

HOTELS

Contract Let.
ADDITION, Cost, \$55,000
MODESTO, Stanislaus Co., Cal.

Two-story brick 25-room addition to Hotel Modesto.

Owner—Henry Crow, Hotel Modesto, Modesto, Cal.

Architect—Not Stated.
Contractor—Ernest Green, — Kansas Ave., Modesto.

Preliminary Sketches Prepared.
HOTEL, Cost, \$500,000 or more
PACIFIC CITY, San Mateo Co., Cal.

Coyote Point.
Large tourist hotel, private beach, golf links, yacht harbor, club, etc.

Owner—Frank Elbridge Webb of New York and associates.

Architect—Willis Polk Co., Hobart Bldg., San Francisco.

Negotiations are now under way seeking to secure control of the Coyote Joint property and land adjacent that will be required for the golf links. P. R. Green of San Mateo will have charge of the membership drive for the country club portion of the hotel.

Plans Being Figured.
HOTEL, Cost, \$375,000
SAN FRANCISCO, N Sutter 137-6 W Taylor.

Ten-story and basement reinforced concrete 200-room hotel and a one-story steel and basement store building (six stories).

Owner—Geo. D. Smith, 735 Taylor St., San Francisco.

Architect—Kenneth MacDonald and Maurice Conchot, 110 Sutter St., San Francisco.

Figures are being taken both for segregated and general contracts.

POWER PLANTS

Plans Approved.
SUB-STATION, Cost, \$102,000
FRESNO, Fresno Co., Cal. California and Orange Sts.

One-story steel and concrete 45x110 sub-station.

Owner—San Joaquin Light & Power Corp., A. Emory Wishon, manager, Fresno.

Architect—Engineering Department of Owners.

MENDOCINO CO., Cal.—Central Mendocino County Power Company has requested Robert Campbell for permit to sell \$200,000 of stock and to use the funds to construct storage and diversion dams, pipe lines, power house, transmission lines and distribution system for furnishing power to the city and valley of Willits.

SAN FRANCISCO—Until August 9, bids will be rec. by board of public works for fur. and del. transformers, switchboards and accessory equipment for the Moccasin Creek Power Plant project, under contract No. 81. Bond of \$75,000 req. under Sec. 1 of contract and \$60,000 under Sec. 2.

SAN LEANDRO, Alameda Co., Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, has completed surveys through its engineer Wm. Lucio, to extend its power lines from Center ville to Ferry Lane. The line will run through a manufacturing district.

PUBLIC BUILDINGS

SAN FRANCISCO—Until July 25, 12 M., bids will be rec. by George A. Mullin, secty. Public Library, Larkin and McAllister Sts., for additions and completion of book and newspaper racks in the Main Library. Spec. will be furnished on request.

OAKLAND, Cal.—Until July 20, 12 M., bids will be rec. by E. K. Sturgis, city clerk, to construct station in City Hall building. Spec. on file in office of clerk.

MODESTO, Stanislaus Co., Cal.—Modesto Chamber of Commerce circulating petitions seeking an appropriation of \$50,000 from Supervisors for additional buildings and improvements at the county fair grounds.

SAN BERNARDINO, San Bernardino Co., Cal.—Frank Hudson, Higgins Bldg., was low bidder and was awarded the general contract at \$152,781 for erecting a municipal auditorium at San Bernardino. Howard E. Jones, Katz Bldg., San Bernardino, archit. Other contracts awarded were: Electrical work to Snyder Electrical Co., San Bernardino, at \$8417; painting to C. F. Ruhnauf, San Bernardino, at \$3400; heating and ventilating to Pacific Gas Radiator Co., L. A., at \$13,800. The main auditorium will be 100x126 ft., with Roade 75 ft. wide, columns 20 ft. high, platform 20 ft., stage 26x101 ft.; rein. conu. and steel construction, stucco exter., comp roofing.

SAN JOSE, Santa Clara Co., Cal.—Until July 17, bids will be rec. by Henry A. Pfister, county clerk, for fur. and install. metallic equipment in various offices of county courthouse. Spec. on file in office of clerk.

BAKERSFIELD, Kern Co., Cal.—Following bids rec. and taken under advisement by City Council to fur. and install steel, counter height, filing section in office of city clerk and auditor: Sweetwater-Baldwin Safe Co., complete all steel filing cabinet system, \$1552; Wingate & Watt, Bakersfield, Y and E fireproof cabinets, \$1762; and the Y and E Co., San Francisco, same equipment, \$1785.

RED BLUFF, Tehama Co., Cal.—Until Sept. 5, 10 A. M., bids will be received by H. G. Kuhn, County Clerk, to complete all Tehama County Court House, Geo. C. Seilon & Co., Architects, Mitau Bldg., Sacramento. See call for bids under official proposal section in this issue.

STOCKTON, San Joaquin Co., Cal.—Bids were received as follows on July 3 by E. D. Graham, clerk of San Joaquin County, for alterations to grandstand at Agricultural Park, in accordance with plans prepared by Architects Wright & Satterlee, Bank of Italy Bldg., Stockton. The contract was awarded to Powell & Medbury, Sacramento, at 1500 Broadway, Stockton.
Powell & Medbury \$250
B. E. Toften \$226

YUBA CITY, Sutter Co., Cal.—I. C. Evans, Marysville, awarded contract to alter and construct addition to Sutter County courthouse: (1) alterations, \$757.77; (2) addition, \$13,890; (3) if granted both units, addition \$13,890; time to complete, 90 days. H. C. Vensano, 58 Sutter St., San Francisco, bid (1) \$8040; (2) \$12,750; (3) \$12,190, time to complete, 100 days.

ALAMEDA, Alameda Co., Cal.—Following bids received and taken under advisement by City Council to construct tank house in the new Franklin Park, San Antonio Ave. and Morier St.: Pacific Tank & Pipe Co., Oakland, \$1,610; Redwood Mfg. Co., \$1,710; Geo. Windler Co., San Francisco, \$1,060.

RESIDENCES

Contract Awarded
RESIDENCE Cost, \$13,650
OAKLAND, Alameda Co., Cal. Pile Lots 46 and 47, Crocker Highlands.
Two-story and basement frame residence and garage.
Owner—C. L. Leung.
Architect—H. H. Guttererson, 278 Post St., San Francisco.
Contractors—Thamall & Bradhoff, 911 54th St., Oakland.

Plans Being Prepared
RECTORY Cost, \$8000
VALLEJO, Solano Co., Cal.
Two-story frame 8-room rectory.
Owner—Ascension Church.
Architect—C. E. Perry Jr., 514 Main St., Vallejo.

Contract Awarded.
RESIDENCE Cost, \$16,000
FRESNO, Fresno Co., Cal. No. 3527 Huntington Avenue.
Frame residence.
Owner—Ralph Watson, H and Tulare Sts., Fresno.
Architect—Sam Conley.
Contractor—Valley Constr. Co., Mattole Bldg., Fresno.

Plans Being Figured.
RESIDENCE Cost, \$18,000
REDWOOD CITY, San Mateo Co., Cal.
Two-story frame and plaster residence and separate garage (10 rooms).
Owner—Mrs. Beezer.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Contract Awarded
RESIDENCE Cost, \$25,624
SAN FRANCISCO, St. Francis Wood.
Brick, tile, cupentry work, plastering, electrical work, plumbing, sheet metal work, glazing and iron work for a one-story frame and stucco residence.
Owner—Hart Weaver.
Architect—H. H. Guttererson.
Contractor—Taylor & Jackson, 290 Tehama St., San Francisco.

As Reported by Jas. Leonard, 130 Jessie St., has the excavating contract and E. Milano & Son, 443 Bellevue Ave., the concrete work.

Construction Under Way.
RESIDENCE Cost, \$40,000
HILLSBOROUGH, San Mateo Co., Cal.
Large residence.
Owner—Mrs. Louise Kamm.
Architect—Not given.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.

Work is well under way and the building is now ready for plastering.

Plans Being Prepared
RESIDENCE Cost, \$—
HILLSBOROUGH, San Mateo Co., Cal.
One or two-story frame and plaster residence.
Owner—Walter G. Hyman.
Architect—Sam Lightner Hyman, 68 Post St., San Francisco.

Bids Opened.
RESIDENCE Cost, \$25,000
OAKLAND, Cal. Hillsdale Ave.
Two-story frame and plaster residence.
Owner—R. C. Warner.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
Arthur Petersen \$30,870
H. P. Nelson \$14,430
H. C. Andressen \$1,585
P. E. Allen \$2,770

SCHOOLS

Contract Awarded.
ADDITIONS Cost, \$23,000
PORTERVILLE, Tulare Co., Cal. Roche Ave. and Vine Street Schools.
Additions to school (2 and 4 room additions).
Owner—Porterville School District.
Contractor—Barkelow & Gould, Tulare.

Headin' plant contract awarded to Louis Stone of Porterville at \$2300

Contracts Awarded
SCHOOL BLDG. Cost, \$33,786
DINUBA, Tulare Co., Cal.
Two-story 9-room brick school bldg.
Owner—Dinuba Elementary School District.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.
Contractor—Paterson & Greenes.

Plaster and Stucco Work awarded to Barney Judge, 271 North L St., Dinuba.
Brick Work to Elbert Bros., Dinuba.
Electrical Work to Curry Elec. Co., 214 South L St., Dinuba.
Plumbing to E. A. Newman, 1927 Merced St., Fresno

Contract Awarded.
SCHOOL Cost, \$19,593
SANTA ROSA, Sonoma Co., Cal.
One-story frame and stucco school (1 classrooms and an assembly hall)
Owner—Lewis School District.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Contractor—W. J. Meeker, 609 Orchard St., Santa Rosa.

Figures to Be Taken Shortly
SCHOOL Cost, \$700,000
OAKLAND, Alameda Co., Cal. 19th Ave. and E. 18th St. (Theodore Roosevelt High School).
Two and three-story reinforced concrete and hollow tile school building.
Owner—Oakland Board of Education.
Architect—C. W. Dickey, 2149 Broadway, Oakland.

Plans Being Prepared.
COLLEGE BLDGS. Cost, \$—
PASADENA, L. A. Co., Cal.
Reinforced concrete and hollow tile college buildings.
Owner—Throop Institute of Technology.
Architect—Bertram G. Goodhue, New York.
Supervising Architect—Carleton M. Winslow, 1134 Van Nuys Bldg., Los Angeles.
This will be a faculty club building to cost about \$175,000 and a tower building for electrical research.

Plans Being Figured—Bids Close August 14, 1922, 4:30 p.m.
SCHOOL Cost, \$385,000
OAKLAND, Alameda Co., Cal. Blocks bounded by 26th, 28th, Myrtle and Linden Sts. (Vocational High School).
Two-story brick high school.
Owner—Oakland Board of Education.
Architect—C. W. Dickey, 2149 Broadway, Oakland.

See all for bids under official proposals.
Plans Completed.
SCHOOL Cost, \$—
BAKERSFIELD, Kern Co., Cal.
Six-room Laguna Square Grammar School.
Owner—City of Bakersfield, E. R. Long, Secretary Board of Education.
Architect—Eugene K. Martin, Bakersfield, Cal.

Contracts Awarded.
SCHOOL Cost, \$54,429
FRESNO, Fresno Co., Cal. De La Colony School District near Fresno.
One-story 6-room school and auditorium.
Owner—Fresno School District.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.
Contractor—Louis Cereghino & Sons, 180 Jessie St., San Francisco.
Headin' work awarded to Barrett-Hicks Co., 1031 Broadway, Fresno.

Contract to Be Awarded.
SCHOOL Cost, \$—
DANVILLE, Contra Costa Co., Cal.
One-story frame and plaster school.
Owner—Danville School District.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Low Bidder—C. R. Hook, Pacheco Rd., Walnut Creek.

Plans Being Figured—Bids Close July 24, 1922, 8 p.m.
ADDITION Cost, \$120,000
CONCORD, Contra Costa Co., Cal.
Two-story reinforced concrete addition to high school.
Owner—Mt. Diablo High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Plans may be obtained from the architect's office.

Plans Being Figured—Bids Close July 18, 1922, 7:30 p.m.
ADDITIONS Cost, \$—
TAFT, Kern Co., Cal.
Additions to high school.
Owner—Taft Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Figured—Bids Close July 18, 1922, 7:30 P. M.
SCHOOL Cost, \$65,000
TAFT, Kern Co., Cal.
One-story brick grammar school and one-story brick garage (8 classrooms).
Owner—Taft School District.
Architects—Trehwitt & Shields, Rowell Bldg., Fresno.

Plans Being Prepared.
SCHOOL Cost, \$12,000
OAKLEY, Contra Costa Co., Cal.
One-story brick and plaster school.
Owner—Oakley Grammar School District.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Plans Being Figured—Bids Close Aug. 1st, 1922, 7:30 P. M.
SCHOOL Cost, \$250,000
TAFT, Kern Co., Cal.
Two-story brick and plaster grammar school building (20 classrooms and auditorium).
Owner—Conley School District.
Architects—Trehwitt & Shields, Rowell Bldg., Fresno.
Segregated figures are being taken. Plans may be obtained from Trehwitt & Shields or may be seen at the San Francisco Builders Exchange, 180 Jessie St. and W. B. Kyle, 648 Cal Bldg., San Francisco. See call for bids under official proposals.

Bids Wanted—To Close July 20, 10:30 a.m.
LOGGE Cost, \$—
MARTINEZ, Contra Costa Co., Cal.
One-story Gate Lodge.
Owner—Alhambra Union High School District, J. M. Reid, clerk, Martinez, Cal.
Architect—A. A. Cantin, 68 Post St., San Francisco.
Cert. check 10% payable to A. J. McMahon, president of Trustees of District required. Plans may be had from clerk in the courthouse at Martinez.

Commissioned to Prepare Plans.
ADDITION Cost, \$15,000
LAKEPORT, Lake Co., Cal.
Frame and stucco addition to high school for gymnasium.
Owner—Clear Lake Union High School District.
Architects—Morrow & Garren, Chronicle Bldg., San Francisco.
A bond election will be held shortly.

Plans Being Figured—Bids Close July 14, 1922, 7:30 p.m.
SCHOOL Cost, \$20,000
STOCKTON, San Joaquin Co., Cal. Remodel Grant School.
Owner—City of Stockton.
Architect—Franklin E. Warner, Belding Bldg., Stockton.
See call for bids under official proposals.

Contract Awarded.
SCHOOL BLDG. Cost, \$17,894.87
 WILLOWS, Glenn Co., Cal.
 One-story reinforced concrete manual arts building.
 Owner—Glenn County High School District.
 Architect—W. H. Weeks, 369 Pine St., San Francisco.
 Contractor—Campbell Construction Co., 3325 J St., Sacramento.

Construction Postponed. Cost, \$—
GYMNASIUM.
 McARTHUR, Shasta Co., Cal.
 Gymnasium building and a heating plant.
 Owner—Fall River Joint Union High School District.
 Architect—Ralph D. Taylor, Susanville.
 Owing to certain local conditions that have developed recently, the Board of Trustees have decided to postpone completion of the gymnasium building for one year. They intend, however, this summer, to install a heating plant for the main building.

Plans Being Prepared.
SCHOOL. Cost, \$20,000
SAN ANSELMO, Marin Co., Cal.
 One-story brick school (4 rooms).
 Owner—San Anselmo School District.
 Architect—J. W. Dooliver, 114 Sansome St., San Francisco.

Opening Date Extended.
Plans Being Figured—Bids Close July 11, 1922, 7:00 P. M.
SCHOOL. Cost, \$40,000
IRVINGTON, Alameda Co., Cal.
 One-story frame and plaster school (6 rooms and an auditorium).
 Owner—Irvington Grammar School District.
 Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
 Figures are being taken for a general contract.

The date of opening bids has been extended from July 8th to July 11th.

Contract Awarded. Cost, \$15,000
SCHOOL.
PITTSBURG, Contra Costa Co., Cal.
 Complete interior of two-story reinforced concrete school. (The walls are up).
 Owner—Pittsburg School District.
 Architect—Wm. C. Hays, First National Bank Bldg., San Francisco.
 Contractor—Sceno & Colombo, Pittsburg.

Contracts Awarded. Cost, \$—
SCHOOL.
BURLINGAME, San Mateo Co., Cal.
 Inside finishing and painting of two-story glass rooms in the Roosevelt School.
 Owner—Burlingame Grammar School District.
 Architect—Ernest Norberg, 403 Occidental Ave., Burlingame.
 Painting awarded to A. E. Flood, 508 Bayswater St., Burlingame, \$335.
General Work to W. O. Nicolaidis, 218 Peninsula St., San Mateo, \$1290.

WALNUT GROVE, Sacramento Co., Cal.—Until July 14, 2 p.m., bids will be rec. by J. L. Kercheval, sec'y. Walnut Grove School District, to finish one cloak room and class room in Oriental school. R. H. Herold, architect, 430 Forum Bldg., Sacramento. Plans may be had from architect.

KINGSBURG, Fresno Co., Cal.—Election will be held July 22 in Kingsburg Joint Union Grammar School District (Fresno, Tulare and Kings Counties) to vote tax of \$12,000 for school improvements. Trustees of district are: Sam E. Widen, Axel E. Anderson, F. E. Morine, A. A. Miller and Mrs. B. H. VOTAW.

PACIFIC GROVE, Monterey Co., Cal.—C. F. Weber & Co., 935 Market St., San Francisco, at \$4 ea. awarded contract by Pacific Grove School District to fur. and install 725 assembly chairs in auditorium of Pine Ave. School. (12643) 1st report June 15, 1922.

PACIFIC GROVE, Monterey Co., Cal.—Mark W. Van Dyke, Pacific Grove, at \$400 awarded contract to paint exterior of high school building.

BERKELEY, Alameda Co., Cal.—Bids were opened July 5 by the Berkeley Board of Education for Improvements to the schools as follows:
Alterations and Additions to Le Conte School
 Connor & Connor, Berkeley, \$3775
 Gassman & Mallet, Berkeley, 6370
 Bids taken under advisement.

Reconstruction of Toilet Rooms of McKinley School
 Thos. R. Catton, Berkeley, \$2319
 Carle T. Doell, Berkeley, 2958
 Robert Annis, Berkeley, 3223
 Scott Company, Berkeley, 3223
 J. E. Ebert, Berkeley, 3460
 Contract awarded to Thos. R. Catton, 2043 Deacon St., Berkeley.

Construction of Portable Gymnasium at Garfield School
 J. P. Brennan, Berkeley, \$6790
 Matthew Morton, Berkeley, 6735
 Schuler & McDonald, Berkeley, 7223
 James B. Horton, Berkeley, 8600
 Contract awarded to J. P. Brennan, 1517 Henri St., Berkeley.

Carpentry Work at McKinley School
 Connor & Connor, Berkeley, \$1550
 Walter Mulch, Berkeley, 1778
 F. W. Maurice, Berkeley, 1946
 Contract awarded to Connor & Connor, Berkeley.

Steel Lockers for High School awarded to Berger Mfg. Co., 1120 Mission St., San Francisco, at \$8197.

Filtration Plant at High School awarded to Engineers Structures Co., 71 New Montgomery St., San Francisco, at \$4860.

HAYWARD, Alameda Co., Cal.—Until July 17, 8 P. M., bids will be received by Jacob Harder Jr., Clerk, Hayward Grammar School District, 550 Castro St., for furnishing and delivering to district: (a) classroom supplies; (b) athletic supplies; (c) lumber; (d) hardware; (e) furniture. Specification may be obtained from the clerk.

FARMERSVILLE, Tulare Co., Cal.—Until July 15, 2 P. M., bids will be received by A. P. Davis, Clerk, Farmersville School District, to paint school house; also for plumbing, carpentry work and repairs to cement work. Specifications on file in Post Office at Farmersville.

MADERA, Madera Co., Cal.—Until July 12, bids will be received by A. Sanderson, Clerk, Alpha School District, to install Arcola heating system in the Alpha School.

BAKERSFIELD, Kern Co., Cal.—Time for opening bids to construct the Emerson and Williams Schools has been extended to July 8, Oryles L. Clark, 401 Brower Bldg., Bakersfield, Architect.

TONOPAH, Nevada.—Until July 15, bids will be received by L. L. Mudgett, Clerk, Tonopah School District No. 29, to construct addition to high school; separate bids for heating and plumbing. F. J. De Longchamps, Architect, Gazette Bldg., Reno, Nevada. See call for bids and official proposal section in this issue.

VISALIA, Tulare Co., Cal.—Rev. P. F. McLaughlin, pastor St. Mary's Catholic Church, announces donation of \$25,000 has been made to finance construction of new parochial school in this city. Early construction is planned.

A. E. Leitch

Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

STOCKTON, San Joaquin Co., Cal.—Bids were received as follows on July 3rd by the Board of Education of the City of Stockton for the construction of a brick, frame and concrete shop building at the high school and altering the present shop building into a gymnasium for girls. Plans were prepared by Architect Louis Stone, Belding Bldg., Stockton. Bids were also opened for painting certain buildings at the high school. Bids on the shop buildings will be rejected and plans revised.

Shop Building
 H. E. Vickroy, Stockton, \$32,375
 Shepherd & Riley, Stockton, 37,295
 Davidson & Nicholson, Stockton, 10,260
Painting High School Buildings
 J. L. Severin, Marcus Ave., Stockton, \$ 815
 L. A. Danner, Stockton, 918
 Gibson & Lehenberger, Stockton, 1,233
 Carl Heckholt, Stockton, 112
 Grammer Bros., Stockton, 1,329

Altering Shop Building
 H. E. Vickroy, Stockton, \$9,125
 Shepherd & Riley, Stockton, 8,125
 Davidson & Nicholson, Stockton, 9,700

SACRAMENTO.—Following bids rec. and taken under advisement by Board of Education for fur. 500 or more movable school chair desks: Stewart Sales Co., \$8.75 and \$11; National Wood Renovating Co., \$12 and \$12.25; Ruckert-Fuller Desk Co., \$11.65 and \$13.25; Heywood-Walcraft Co., \$11.25; H. F. Weber Co., \$11.45 and \$12.75; H. S. Crocker Co., \$9.75 and \$13.50; P. W. Wentworth, \$9.80 and \$13.75; Western School Furniture Products Co., \$11.60 and \$12; Western States Seating Co., \$10.75 and \$11.75.

OAKLAND, Cal.—Until July 17, 3:30 P. M., bids will be received by John W. Edgemond, Secretary, Board of Education, 1103 City Hall, for moving and erecting 16 open air school buildings, more or less, and one cottage. Certified check for 10% payable to secretary required.

INDEPENDENCE, Inyo Co., Cal.—No bids were received on June 25 for the construction of the Independence Grammar School and the Owens Valley Union High School buildings. Plans will be revised by Architect W. H. Weeks, 369 Pine St., San Francisco, before new bids are called for, as there is only \$50,000 available for the improvements.

WILLOWS, Glenn Co., Cal.—Until July 17, 8 P. M., bids will be received by Mrs. Evelyn B. Whiting, Clerk, Stone School District, to erect school buildings and place on new foundations and for drilling well 50 feet deep and placing therein a 6-in. No. 18, galv. casing, banded and colored. Certified check for 5% payable to G. E. Lear, President of District, required.

OAKLAND, Cal.—Bids were received as follows on July 6 by the Oakland Board of Education for the heating work for Elmhurst School, located on the southerly corner of Birch St. and 33rd Ave.:
 Carl T. Doell, Oakland, \$8350.00
 W. K. Nottingham, Oakland, \$9580.00

OAKLAND, Cal.—Until July 17, 3 P. M., bids will be received by John W. Edgemond, Sec'y, Board of Education, 1103 City Hall, for furnishing and installing equipment for woodworking shop. List of materials will be furnished on request. Certified check for 10% payable to secretary required with each bid.

YREKA, Siskiyou Co., Cal.—Wm. Reed of Gazette, Cal., at \$43,000 awarded contract by Trustees of Siskiyou Union High School District to construct six-classroom and auditorium high school at Fort Jones. Loucks Plumbing Co., Yreka, awarded contract for plumbing, heating and electric fixtures.

FERNDALE, Humboldt Co., Cal.—Singlesley and Winkler, Grizzly Bluff, Cal., at \$4469 awarded contract by Mount and Fall River School District (consolidated) to erect 2-room frame school. Other bids: N. Ackerman, Eureka, \$5871; Wm. Flowers, Ferndale, \$4818; Newton Ackerman, architect, Eureka.

FRANKLIN, Sacramento Co., Cal.—Bids were opened on June 30th by the Board of Trustees of the Franklin School District for the construction of a one-story frame and plaster school building from plans prepared by Architects Geo. C. Schott & Co., Milpitas, Sacramento. The contract was awarded to Jos. Chirhart, Sacramento, at bid of \$11,775 for all work complete.

Jos. Chirhart (1) \$11,775; (2) deduct \$825, (3) \$15, (4) \$55; (5) \$550; (6) \$5, (7) \$—.
 E. H. Hubbard (1) \$12,567; (2) \$1024, (3) \$50, (4) \$25, (5) \$300, (6) \$50, (7) \$30.
 H. W. Robertson (1) \$11,911; (2) \$300; (3) \$150; (4) \$50; (5) \$200; (6) \$50, (7) \$—.
 Sample & Conly (1) \$16,500; (2) \$1070, (3) \$—, (4) \$50; (5) \$150; (6) \$125, (7) \$—.

LAKEFOLK, Lake Co., Cal.—The Board of Trustees of the Lakefork Union High School District opened bid for the construction of a one-story, frame and stucco, steam heated school building from plans prepared by Architects Morrow & Gatch, Chronicle Bldg., San Francisco. The contract was awarded to Bordwell & Zimmerman of Calistoga. Following is a complete list of the bids received:
 Bordwell & Zimmerman, \$44,500
 R. B. McKenzie, Gerber, \$49,908
 W. E. Hinds, \$51,276
 West Coast Constr. Co., S. F., \$13,224
 Collins & Spidel, S. F., \$61,833

SAN FRANCISCO—Mission High School 14th and Dolores Sts. will be sold at public auction by Mayor James Rolph Jr., Wednesday, July 12 at 9:30 A. M.

LOS ANGELES, Cal.—J. B. Harris, Harris, 808 Westchester Pl., was low bidder at \$32,154 on gen. contr. for brick shop bldg. at Jefferson High School site. Low bidders on other contracts were: Lohman Bros. on plumbing at \$2690; Arenz-Warren Co. on painting at \$1192; and Thos. Haverly Co. on heating at \$3991. The bids were: General Contract—J. B. Harris, \$32,154; L. A. Bldg. & Contr. Co., \$32,497; Escherich Bros., \$33,2627; H. H. Hinds, \$33,222; Darrell Condeley Co., \$34,027; Hubert-Wardall Constr. Co., \$34,100; Richardson Bldg. & Eng. Co., \$34,600; J. S. Metzger & Son, \$35,656; Willard-Brent Co., \$36,560; J. A. Hill Constr. Co., \$42,000; Wm. Stacko, \$45,000. Painting—Arenz-Warren Co., \$1192; A. Quandt & Son, \$1265; R. E. Swan, \$1380; D. Zellinsky & Son, \$1550; Alhambra Wall Paper & Paint Co., \$1764. Heating—Thos. Haverly Co., \$3991; F. J. Donnelly, \$4056; Munger & Munger, \$4026; Arthur Hess, \$4366; W. W. Brooks, \$6700. Plumbing—Loh-

man Bros., \$2690; E. W. Crowell Co., \$2772; F. J. Donnelly, \$2816; Arthur Hess, \$2821; W. W. Brooks, \$2988; H. E. Murray, \$3214.

STORES AND OFFICES

Plans Being Prepared.
 OFFICE BLDG., Cost, \$—
 LONG BEACH, Los Angeles Co., Cal.
 E Broadway near Pine Ave.
 Four-story and basement Class A newspaper plant, stores and office building.
 Owner—Long Beach Press.
 Architect—W. Horace Austin, First National Bank Bldg., Los Angeles.

Plans Being Prepared.
 OFFICE BLDG., Cost, \$—
 FULLERTON, Orange Co., Cal. SE
 Spadra Road and Wilshire Ave.
 Five-story steel and terra cotta office building 75x130.
 Owner—C. C. Chapman.
 Architect—M. Eugene Durie, a Chason Bldg., Anaheim.

Building Permit Granted.
 STORE, Cost, \$10,000
 SEBASTOPOLE, Sonoma Co., Cal. Main St.
 One-story furniture store 48x100.
 Owner—Starr Furniture Co., Sebastopol, Cal.
 Architect—Not stated.

Plans Being Prepared.
 Ready for Figures in About One Week
 SCHOOL BLDG., Cost, \$15,000
 RICHMOND, Contra Costa Co., Cal.
 Nevins Ave. and Eighth St.
 One-story hollow tile store bldg. (2 stories)
 Owner—Robert A. Read, % Read's Dry Goods Store, 730 Macdonald Ave., Richmond.
 Architect—Jas. T. Nabett, 910 Macdonald Ave., Richmond.

Low Bidder.
 OFFICE BLDG., Cost, \$79,000
 SAN FRANCISCO. S Sacramento near Battery.
 Three-story Class A office and loft building.
 Owner—H. W. Pierce, Inc.
 Architect—Benj. G. McDougall, 331 Bush St., San Francisco.
 Low Bidder—Cahill Bros., 110 Sutter St., San Francisco.

Sketches Being Prepared.
 OFFICE BLDG., Cost, \$—
 SAN FRANCISCO. Down town district.
 Class A office building (number of stories not decided).
 Owner—Not given.
 Architect—A. I. Coffey, Humboldt Bank Bldg., San Francisco.

Contract Awarded.
 STORES, Cost, \$15,000
 SAN FRANCISCO. SW Mission and Clarion Ave.
 Two-story and basement brick (4) stores and apartments.
 Owner—H. Steffens.
 Architect—D. C. Solomon, 110 Sutter St., San Francisco.
 Contractor—Herman Ludwig, Mission and Clarion Ave., San Francisco.

Plastering Contract Awarded.
 ALTERATIONS, Cost, \$—
 SAN FRANCISCO. 974 Mark St.
 Extensive alterations to 2-story brick building for candy store and lunch parlor.
 Owner—Geo. Haas & Sons, Phelan Bldg., San Francisco.
 Architect—C. E. Gottschalk, Phelan Bldg., San Francisco.
 Peter Bradley, 180 Jessie St., has been awarded the contract for the plastering at \$1500. The carpentry work, etc., will be done by days' labor. Figures are now being taken for the fixtures.

LOS ANGELES, Cal.—Dr. Edwin O. Palmer, 6422 Hollywood Blvd., L. A., has announced the erection of a \$400,000 Class A four-story and basement 100x150 ft. department store building at the southwest corner of Hollywood Blvd. and Vine St., L. A. The entire building will be occupied by Broadway Brothers, Pasadena department store proprietors, who are now conducting a stockselling campaign from Room 200, Hollywood Security Bldg., Hollywood Blvd. and Cahuenga Ave., Los Angeles.

McLERAN & CO., S. F. CONTRACTORS
 SUE FOR MONEY DUE
 ON SCHOOL

SALINAS, Cal.—A double back-action mandamus injunction petition is the latest legal complication arising from County Treasurer James Taylor's mixup with the Union High School Trustees. In a voluminous document, R. McLeran & Co., as successors to McLeran & Peterson, San Francisco, contractors who constructed the new Union High School in 1920, seek a writ of mandamus compelling the Treasurer to honor two warrants covering the building contract. The balance is \$5827.91. The hearing is set for August 17. Treasurer Taylor refuses to pay the warrants, on the ground he cannot legally pay last year's indebtedness out of this year's tax money.

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NOTICE TO BIDDERS ON SANITARY PLANT

(Sanitary Plant and School Repairs)

Notice to bidders is hereby given that bids on the Grant School sanitary plant, together with certain minor repairs and alterations at the Grant School, corner Sutter and Fourth streets, Stockton, California, will be opened at 7:30 P. M. on Friday, July 14, 1922, at the office of the Board of Education, Washington Building, Cor. San Joaquin and Lindsay streets.

See specifications and plans at Architect Warner's Office, Redding Building.

A certified check for 10% of the amount bid must accompany said bid. The Board reserves the right to reject any or all bids.

Dated Stockton, Cal., June 30, 1922. By order of the Board of Education, By ANSEL S. WILLIAMS, Secretary.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Later 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Oakland Vocational High School)

Office of the Secretary of the Board of Education of the City of Oakland.

Sealed bids will be received by the Board of Education of the City of Oakland, City Hall, Oakland, California, until the 14th day of August, 1922, at 4:30 o'clock P. M., at which time said bids will be opened for the erection and completion of a new building for the Vocational High School of Oakland High School District, located on the block bounded by Myrtle, Twenty-eighth, Filbert and Twenty-sixth Sts., Oakland, California.

Separate bids will be received for:

1. General Work, including Excavating and Grading, concrete, Carpentry, Miscellaneous, Ornamental and Structural Iron, Sheet Metal, and Built-up Roofing Work.
2. Brickwork.
3. Tile Roofing.
4. Lathing and Plastering.
5. Painting.
6. Plumbing.
7. Heating and Ventilating.
8. Electrical Work.
9. Interior Equipment Work.

Plans and specifications for said work are on file at the office of the Architect for the Board of Education, 2149 Broadway, Oakland, California. On a deposit of Twenty-five (\$25) Dollars, said plans and specifications may be had by any prospective bidder for one of the branches of the work above listed. These plans and specifications may be retained as follows:

1. General Work, ten (10) days.
2. Brickwork, three (3) days.
3. Tile Roofing, three (3) days.
4. Lathing and Plastering, three (3) days.
5. Painting, three (3) days.
6. Plumbing, five (5) days.
7. Heating and Ventilating, five (5) days.
8. Electrical Work, five (5) days.
9. Interior Equipment Work, ten (10) days.

If the plans and specifications are not returned to the Architect within the time above specified, or are returned in a mutilated or damaged condition, the deposit will be forfeited and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Architect, and be signed by the bidder, accompanied by a certified check, certified to one responsible bank or banker, and made payable to John W. Edgemond, Secretary of the Board of Education, to be retained by the said School District as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law.

The amount of said check shall not exceed Five Thousand (\$5,000) Dollars but for all bids of less than Fifty Thousand (\$50,000) Dollars, said check shall be for at least ten (10%) per cent of the amount of the bid. Bids and shall be accompanied by an affidavit executed on a form that can be obtained from the Architect.

Bids will be opened by the Board of said District on the 14th day of August, 1922, at 4:30 o'clock P. M., in the Board Room, 211 second floor of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

JOHN W. EDMOND, Secretary of the Board of Education of Oakland, California.

BIDS FOR TONOPAH HIGH SCHOOL CONSTRUCTION

The Board of Trustees of Tonopah School District, No. 20, will receive sealed bids or proposals for erecting an addition to the Tonopah High School building and improvements incident thereto. Plans and specifications for said construction and improvements may be seen at the office of L. L. Mussett, Clerk of the School Board, or F. J. De Longchamps, Architect, of Reno, Nevada, or a copy may be obtained by depositing (\$10.00) Ten Dollars with the above named persons.

The successful bidder will be required to furnish a bond to be approved by the Board of School Trustees, to secure faithful performance of his part of the contract.

All bids offered must be in writing and have endorsed thereon, "Bids for Improving the Tonopah High School," and must be filed with the Clerk of the School Board at his office on or before the 15th day of July, 1922, at which time and place the said bids will be opened. All bids must be accompanied by a certified check in the sum of Five Hundred (\$500.00) Dollars which will be returned to unsuccessful bidders at the time the contract is let, and to the successful bidder when the bond provided for is approved.

The School Board reserves the right to reject any and all bids.

By order of the Board of Trustees, Tonopah School District No. 20, By L. L. MUSSETT, Clerk of Board.

NOTICE TO BIDDERS

(Garage, Boiler and Hospital Furnishings)

Pursuant to an order of the Board of County Commissioners of Washoe County, Nevada, made and entered on the 23rd day of June, 1922, sealed bids and proposals will be received by the undersigned, the County Clerk of Washoe County, in the City of Reno, County of Washoe, State of Nevada, not later than 12:00 o'clock Noon, on Saturday, July 20th, 1922, for the following to-wit:

For the erection, construction and completion of a garage building, according to the plans and specifications on file in the office of Geo. A. Ferris & Son, Colonial Apartments, Reno, Nev.

For one No. 110 Kewanee or equal smokeless fire box boiler, installed in the basement of the Washoe County Court House, as per specifications on file with George A. Ferris & Son, Colonial Apartments, Reno, Nevada.

For the equipment and furnishing for the Washoe County Isolation Hospital, as per specifications on file in the office of Geo. A. Ferris, Colonial Apartments, Reno, Nevada.

The said Board of County Commissioners reserves the right to reject any and all bids and to accept the best bid suited to the needs of Washoe County.

E. H. REEMER, County Clerk.

NOTICE TO CONTRACTORS

(Fresno High School Garage)

Pursuant to an order of the Board of Education, duly made and entered in its minutes this 8th day of June, 1922, the Board hereby instructs the Secretary to advertise for an accept bid on garage to be built at the new high school. Plans and specifications on file with Coates & Traver, Lowell Building, Fresno, California.

The Board will accept bids on the above up to 5 P. M., August 1, 1922. Bidder must submit certified check made payable to the president of the Board of Education in the amount of 10% of the amount of the bid. The Board reserves the right to reject any and all bids. Bids must be submitted to the Secretary of the Board at 2425 Tuolumne St., Fresno, California.

By order of the Board of Education, L. L. SMITH, Secretary.

BIDS FOR FURNISHING AND INSTALLATION OF PLUMBING AND HEATING FOR ADDITION TO TONOPAH HIGH SCHOOL

The Board of Trustees of Tonopah School District, No. 20, will receive sealed bids or proposals for furnishing and installation of plumbing and heating for an addition to Tonopah High School Building, and improvements incident thereto. Plans and specifications for said construction and improvements may be seen at the office of L. L. Mussett, Clerk of the School Board, or F. J. De Longchamps, Architect, of Reno, Nevada, or a copy may be obtained by depositing Ten (\$10.00) Dollars with either of the above named persons.

The successful bidder will be required to furnish a bond to be approved by the Board of School Trustees, to secure faithful performance of his part of the contract.

All bids offered must be in writing and have endorsed thereon, "Bids for Furnishing and Installation of Plumbing and Heating for an Addition to Tonopah High School," and must be filed with the Clerk of the School Board at his office on, or before the 15th day of July, 1922, at which time and place the said bids will be opened. All bids must be accompanied by a certified check in the sum of One Hundred and Fifty (\$150.00) Dollars which will be returned to unsuccessful bidders at the time the contract is let, and to the successful bidder when the bond provided for is approved.

The School Board reserves the right to reject any and all bids.

By order of the Board of Trustees, Tonopah School District, No. 20, By L. L. MUSSETT, Clerk of Board.

NOTICE TO BIDDERS

(Completion of Tehama County Court House)

Notice is hereby given that sealed bids will be received by the Board of Supervisors of Tehama County, State of California, at the office of the County Clerk of the said County, at Red Bluff, California, until 10 o'clock A. M., September 5, 1922, for the Furniture, Fixtures, Interior Fittings and other work, as listed below, for the Court House now being erected in Red Bluff, California, and in accordance with the drawings and specifications prepared for the same by George C. Schell & Company, Architects, California, the authorized architects.

Bids will be received for:

1. Marble work counter fronts.
2. Wall heds for jury room.
3. Interior painting and decorating.
4. Wood furniture and accessories.
5. Cork tile, linoleum and linoleum.
6. Steel work and plastering counter fronts.
7. Vault door and burglar alarm.
8. Metal cases for counters, filing equipment, desks, tables, etc.
9. Lighting fixtures, etc.
10. Glazing counter fronts.
11. Ornamental iron counter fronts.
12. Venetian Blinds and window shades.
13. Moving wood and steel furniture from present offices to new court house.
14. A combined bid including all of the thirteen proposals above listed.

All bids shall be presented on blank forms, which may be procured at the offices of the Architects, 233 Mitan Building, Sacramento, California.

All bids shall be accompanied by a certified check on some responsible bank, doing business in the State of California, and in the amount of not less than ten per cent (10%) of the amount of the bid. This check shall be made payable to E. E. Clark, Chairman, Board of Supervisors of Tehama County, as a guarantee of good faith that the party to whom the contract may be awarded shall, within ten days after the award is made, enter into the necessary agreement and furnish the necessary bonds for the faithful performance of the contract, and in case the bidder to whom the contract is awarded shall fail or refuse to enter into said agreement, or to furnish the said bonds, the said check shall be forfeited to the said County of Tehama in the manner provided by law.

Each bid shall be enclosed in a sealed envelope, addressed to H. G. Kuhn, County Clerk of Tehama County, Red Bluff, California, and endorsed "Proposal for Furniture, Fixtures, and Interior Finish, for the Tehama County Court House."

The Board of Supervisors expressly reserves the right to reject any or all bids, and to waive any informality in any bid received.

It is further understood and agreed that all of the articles referred to in the Fourteen Proposals as set forth above, shall be sold to the county of Tehama on the least advantageous terms the said County may pay ten per cent (10%) of the total purchase price when the installation of said articles is completed and the balance and the balance shall be paid on or before two years in equal annual installments.

Drawings and specifications can be seen and examined during office hours at the office of the County Clerk of Tehama County, Red Bluff, California, and may be seen at or obtained from the offices of the Architects. A deposit of twenty-five dollars (\$25.00) will be required from all prospective bidders on all copies of drawings and specifications so obtained, as a guarantee of the bidder of the same in good order and condition.

By order of the Board of Supervisors of Tehama County, State of California.
Dated July 8, 1922.

ERNEST P. CLARK,
Chairman.
H. G. KUHN,
Clerk.

NOTICE TO BIDDERS

(Machinery and Supplies)

Notice is hereby given that the Board of Trustees of the Pacific Grove High School District hereby invites

sealed proposals or bids and sealed proposals or bids will be received at the office of the Clerk of said Board of School Trustees at the High School building on Forest avenue in the City of Pacific Grove, County of Monterey, State of California, up to and including the 17th day of July, 1922, at 4 o'clock P. M., for the supplying of materials as follows:

1. Variety Saw Table, Pay & Egan, No. 24B or equivalent.
2. Lightning Manual Training Lathe, Pay & Egan, No. 400B or equivalent.
3. Band Sawing Machine, Pay & Egan, No. 155 or equivalent.
4. Planer Planing Machine, Pay & Egan, No. 254 or equivalent.

5. Electric Grinder, U. S. 2A Floor type 1-HP, 1800 RPM 10x1 Wheels, or equivalent.
6. 12 Sets Drawing Instruments, F Post 23 or equivalent.

7. Steel Wheelbarrows, self lubricating, H. B. & McC 643 or equivalent.
8. Concrete Mixer, equivalent to The Little Whirlwind, sold by The Little Whirlwind Mixer Co., La Crosse, Wis. The Board reserves the right to reject any and all bids.

Dated this 1st day of July, 1922
J. J. WILLIAMS,
Clerk.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS
CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Main Building, Sacramento, California, until 10 o'clock P. M., on July 31, 1922, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Colusa and Sutter Counties, between Colusa and Long Bridge (III-Col-15-B and Sat-15-A), about ten and nine-tenths (10.9) miles in length, to be graded and paved with Portland cement concrete.

Inyo County, between Fish Springs School and SE Cor. Sec. 32, T. 8 S., R. 33 E., M. D. B. & M., (VI-Iny-23-C), about eleven and seven-tenths (11.7) miles in length, to be graded.

Kern County, between the Stonewood Creek and First Crossing Kern River (VI-Ker-57-F), about six and eight-tenths (6.8) miles in length, to be graded and Los Angeles.

Madera County, between Arcola School and Borden Station (VI-Mad-4-A), about eight-tenths (0.8) miles in length, to be surfaced with asphalt concrete.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office, and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the Division of Highways in Sacramento. The Division Engineer's offices are located at Willis, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WITMORE,
R. G. MANSFIELD,
CALIFORNIA HIGHWAY COMMISSION.
AUSTIN B. FLETCHER,
State Highway Engineer.
R. A. MURRAY, Secretary.
Dated July 3, 1922.

BIDS WANTED FOR SCHOOL

(Estimated Cost, \$250,000)

NOTICE TO CONTRACTORS

Pursuant to an order of the Board of Trustees of the Conley School District, Taft, Kern County, California, duly made and entered in its minutes on the 26th day of June, 1922, notice is hereby given that said Board will receive sealed proposals up until 7:30 P. M., of August 1st, 1922, at Conley Grammar School Building, Taft, California, for the furnishing of the necessary labor and material for the erection and completion of a two-story brick school building, in the town of Taft and as per plans and specifications on file with the Clerk of the Board.

Bids to be received as follows:
Specification "A"—Carpenter Work, etc.
1. Carpenter Work.

2. Mill Work.
3. Concrete Work.
4. Glazing.
5. Linoleum.

Specification "B"—Brick Work, etc.

- Specification "C"—Steel Work, etc.
1. Reinforcing.
2. Miscellaneous and Ornamental

Specification "D"—Roofing.

1. Tile Roof.
2. Composition Roof.

Specification "E"—Plumbing.

Specification "F"—Heating.

Specification "G"—Sheet Metal Work.

Specification "H"—Lathing and Plastering.

Specification "I"—Electric Work.

1. Wiring System.
2. Clock, Program Bell, etc.

Specification "J"—Painting.

Specification "K"—Wheelbarrows.

Specification "L"—Finish Hardware.

f. o. b. Job.

Specification "M"—Patent Hardware for school.

Plans and specifications, together with bid forms, may be obtained at the office of Trewhitt, Shields, Company, Rowland Bldg., Fresno, California, the authorized agents of said Board.

A certified check or Bidder's Bond equal to 10 per cent of the total amount of the bid submitted must accompany the proposals.

Contractors may bid on any of the above segregated specifications or on any combination of groups of specifications and the Board reserves the right to award contracts accordingly.

The Board further reserves the right to reject any or all bids.

By order of the Board of Trustees of the Conley School District.

PETER CORNELIUS, Clerk.

BIDS WANTED FOR 16 OPEN AIR SCHOOLS, ETC.

NOTICE TO BIDDERS

Notice is hereby given that Oakland School District and Oakland High School District of Alameda County, State of California, hereby calls for sealed proposals to be delivered to the Business Manager of said Board, room 1102 City Hall, west side of Washington Street, between Fourteenth and Fifteenth Streets, on Monday, July 17, 1922, before the hour of 4 and 3:30 P. M., for furnishing said Board with material for moving and erecting sixteen (16) Open Air School Buildings, more or less, and one (1) Cottage, according to specifications on file in the office of the Business Manager, to which reference is hereby made. All bids must be made on forms furnished on application to said Business Manager, at the address above given.

Bids must be sealed in envelopes furnished by the Board of Education and addressed to the Business Manager, Secretary of Oakland Board of Education, and must be accompanied by a certified check payable to the order of John W. Edgemond, Secretary of Oakland School District, for at least 10 per cent of the total amount of all bids submitted by each bidder.

Bids will be opened by the Board of said district on Monday, July 17, 1922, at the hour of 4:30 P. M. in the Board Room, 211 Second Floor of said City Hall, in said City of Oakland. The Board reserves the right to reject any or all bids or any or all items of such bids.

JOHN W. EDMOND, Secretary.

(Continued on Page 20)

Engineering News Section

BRIDGES, DAMS & HARBOR WORK

EUREKA, Humboldt Co., Cal.—J. Brunner, engineer, Sharon Bldg., San Francisco, preparing specifications for three steel bridges with concrete piers over Klamath River in Humboldt County, each about 100 ft. long.

MARYSVILLE, Yuba Co., Cal.—Chamber of Commerce asked to back movement to have bridge constructed over Feather River bet. Marysville and Yuba City to meet demands of increasing highway traffic.

SALEM, Ore.—Monson, Tribeweller Co., Portland, at \$46,697 submits low bid to State Highway Comm. to const. 3 bridges over Siletz River. Nos. 851, 852, 854 in Lincoln County. Taken under advisement.

No bids rec. to const. Myrtle Creek bridge, No. 874, on Myrtle Creek (Yanoville section of Pacific highway in Douglas County. Work will be done by force account.

Portland Bridge Co., Portland, at \$13,982 awarded contract to reconstruct bridge over John Day River, No. 108, on Sherman County section of Columbia River highway in Sherman and Gilliam Counties.

LOS ANGELES, Cal.—Until 2:30 p.m. July 18, bids will be rec. by Harbor Comm., Rm. 33, City Hall, for tender loss for Berth 100. Spec. No. 355, Guy W. Wade, secy.

FORTINA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at \$14,495 were awarded contract by Town Trustees to construct concrete bridge and fill over Rohner Creek. Other bids: C. H. Gildersleeve, \$4575; W. C. Elmsore, \$5349.

PRESCOTT, Ariz.—A. W. Daniels, Tucson, was awarded contract, at \$20,783 for constructing steel bridge across Oak Creek near Cornville postoffice. Other bidders were: L. C. Lashmet, \$28,750; H. J. Mann, \$29,770. Bridge will be of steel girder type, 270 ft. long, and will require 56 tons steel, 400 cu. yds. conc. and \$6,000 ft. B. M. lumber.

SAN LUIS OBISPO, Cal.—Plans for a wooden trestle bridge across Morro Bay, from foot of 6th St. Morro, to foot of Fourth St. Morro Peninsula, San Luis Obispo County, will be on exhibition at Chamber of Commerce until July 6, for navigation objections. Plans have been submitted to U. S. War Dept. by C. L. Simmons and H. W. Reynolds, who propose to erect the bridge.

VISALIA, Tulare Co., Cal.—Until July 18, 10 a.m., bids will be rec. by Geo. R. Prestidge, county clerk, to const. rein. conc. bridge over Kaweah River; Bridge No. 62, involv. 432.92 cu. yds. Class A conc. (above elev. 1264.20); 238.19 cu. yds. Class A conc. (below elev. 1264.20); 228.48 cu. yds. Class B conc.; 129.38 cu. yds. boulder conc. All material to be furnished by county. Spec. on file in office of Laurence A. Moye, county surveyor.

LOS ANGELES, Cal.—County Road Dept. is ready to proceed with const. of the Tujunga Ave.-3rd St. bridge. The work was delayed to allow flood waters to recede. Est. cost will be considerably less than \$17,500 for two cheaper bridges as proposed.

SAN BERNARDINO, Cal.—George Hertz submitted low bid to City Council at \$20,418 to const. conc. arch bridge on Third St. over Warm Creek.

H. H. Lienau bid \$26,500. The bids were rejected as too high, and plans ordered revised, with consolidation of Arrowhead Ave. bridge in new call for bids, in order to secure lower figure.

SEATTLE, Wash.—Reliable Iron and Wire Works, 2028 1/2 Western Ave. at \$28,466 awarded contract by Board of Public Works to install crossing towers for Spokane St. bridge over West Waterway at Riverside.

PHOENIX, Ariz.—John H. Pfall, Hunt, Ariz., submitted lowest bid to State Eng. Trust, Madison, June 22, at \$260.25 (State furnishing \$12,475 materials) for constructing the Concho bridge on the Holbrook-St. Johns Highway, involv. (1) 215 cu. yds. excav. unclass. at \$5.50 yds.; (2) 217 cu. yds. A conc. at \$21 yds.; 16,200 lbs. rein. steel at 1c lb.; 1200 lin. ft. piling (in place) at 70c ft. A. W. Daniels bid (1) \$12, (2) \$25, (3) 5c, (4) \$1; total (including materials) \$1822.75, \$13,037.75. Both bids rejected.

SALEM, Ore.—Trabin & Pearce, Amity, Ore., at \$23,000 submit low bid to State Highway Comm. to const. four bridges, Nos. 893-4-5-6, on Eight Mile Creek in Wasco County on Palles-California Highway; conditioned that additional time be allowed to complete work. Next low bid: Lindstrom & Feigensen, Portland, \$25,590. Taken under advisement.

RAGLE, PASS, Tex.—The Southern Pacific and Mexican National Ry. will erect a railway bridge across the Rio Grande connecting this city with El Paso, Texas. The cost, \$300,000, will be shared equally by the two roads. An international foot and vehicle bridge will soon be built at cost of \$250,000. These structures are to replace former bridges destroyed by floods.

SALEM, Ore.—Date to open bids to const. bridge over North Umpqua River near Winchester on Pacific Highway, extended by State Highway Comm. to July 25. Consists of 7, 112-ft. rein. conc. spans, involv. 2820 cu. yds. Class A and 750 cu. yds. Class B conc.; 415,000 lbs. metal reinforcement; 1822 l. f. and rail. Original time set to open bids was June 28.

SAN ANDREAS, Calaveras Co., Cal.—Bordwell & Zimmerman, Calistoga, at \$2300 awarded contract by Supervisors to const. rein. conc. bridge over Coyote Creek at Vallejo and making approx. 450 yds. fill for approach. Other bids: Davidson & Nielsen, \$4570; Jas. R. Johnson, \$4600; C. H. Gildersleeve, \$5820; A. S. Dixon, \$5576.

Engineers and Contractors PLEASE NOTE

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LOS ANGELES, Cal.—Until 10 a.m. July 11, bids will be rec. by Herring, Corcoran, Rm. 33, City Hall, for design in Fish Harbor and vicinity at about 75,000 cu. yds. Spec. 399. Plans, etc., may be seen at office of harbor engineer. Cert. check or bond, 10% of price. W. Wade, secy.

IRRIGATION PROJECTS

FALL RIVER MILLS, Shasta Co., Cal.—Fall River Mills Irrigation District, organized at recent election comprising 12,000 acres in the vicinity of Glenn, McArthur and Fall River Mills. Permit to appropriate water from Fall River. Three pumping stations are included in proposed improvements. The bid is from 15 to 20 feet.

CASHMERE, Wash.—Until July 14, 1 p.m., bids will be rec. by F. H. Muddock, secy. Peshastin Irrigation Dist., to const. 2 tunnels, one 2900 ft. long, 6 ft. wide and 8 ft. high, another 1450 ft. long, 6 ft. wide and 11 ft. high. F. E. Mitchell, Dryden, Wash., supt. of district.

GRANT'S PASS, Ore.—Until August 8, 2 p.m., bids will be rec. by Wilford Albion, secy. Grant's Pass Irrigation Dist., for const. of main canal approx. 180,000 cu. yds. Spec. may be had from secy.

LIGHTING SYSTEMS

PASADENA, Cal.—W. A. McNally, 196 W. Colorado St., Pasadena, awarded contr. by City Directors at \$8625 for constructing ornamental lighting system, incl. 51 posts, conduits, etc., in Grand Ave. and portions of Del Rosa, Main, Ellis and other streets.

H. H. Walker, 1300 W. 12th St., Los Angeles, awarded contr. at \$4158 to const. ornamental lighting system, incl. 54 mg. 22 posts, conduits, etc., in El Molino Ave. bet. California and Fillmore Sts.

OAKLAND, Cal.—Citizens' Committee considering designs for archerider system to be installed around Lake Merritt. It is proposed to install 560 standards of concrete or steel construction.

MACHINERY

LOS ANGELES, Cal.—P. S. Cast Iron Pipe & Pdy. Co., 705 Wright-Gallender Bldg., awarded contr. by Public Service Comm. at \$50.45 per ton f.o.b. Aqua Siding for 40 12-ft. lengths 24-in. B-C c. i. pipe; shipment, latter part of July. Am. Cast Iron Pipe Co., \$58.53; shipment 1/2 last of July, balance last of August.

LOS ANGELES, Cal.—Waterworks Supply Co., 705 Wright-Gallender Bldg., awarded contr. by Public Service Comm. at \$202.75 for 2 20-in. Bensseler gate valves, f.o.b. 310 E. Second St.; shipment in 5 weeks from Troy, N. Y.; Grinnell Co. of the Pacific, Kennedy type, \$204.50, from city, in 30 days; R. D. Wood & Co., \$225, 3 wks., from Philadelphia.

PACIFIC GROVE, Monterey Co., Cal.—Until July 17, 8 p.m., bids will be rec. by J. J. Williams, clerk Pacific Grove High School District, for fur and del. machinery required for high school. See call for bids under official proposal section in this issue.

Architects—Engineers— City and County Officials

How about bids wanted?

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Building & Engineering News

DURHAM, Butte Co., Cal.—Until July 15; 3 p.m., bids will be rec. by G. W. Jones, clerk Durham School District, for fur. and del. one 15-passenger school bus on Ford chassis; 2 new truck chassis in trade for 2 Ford chassis, on which present bodies are to be placed, or 2 truck rear ends to be placed on said Ford chassis.

SACRAMENTO, Cal.—Until July 6, 9 a.m., bids will be rec. by H. G. Denton, city clerk, for fur. and del. 1 light roadster-completer equipped for use of Park Department.

MERCED, Merced Co., Cal.—Until July 17, 8 p.m., bids will be rec. by C. D. Martin, clerk, Merced Union High School District, to fur. three school buses: on Ford Chassis: 2 25-passenger and 1 16-passenger capacity.

LOS ANGELES, Cal.—Bids rec. by Public Service Comm. for 4850 ft. 8-in. standard screw pipe delivered f.o.b. cars Soldiers' Home spur, Saticum, were: Busch Pipe & Supply Co., \$110.80 per 100 ft. shipment in several weeks, rail and water, less 2% cash in 20 days; N. O. Nelson Mfg. Co., \$115, delivered in 60 days, less 2% 20 days after Associated Supply Co. mill delivery in 35 days, less 2% 10 days 15th of month following. Thos. Haverly Co., \$119.11, delivery in 60 days, less 2% 10 days after mill shipment. Crane Co., \$114.01, rail and water, mill dipped; \$126.11 rail shipped, mill dipped; \$125, rail California dipped; Smith-Booth-Usher Co., \$115.10. Action deferred.

SANTA ROSA, Sonoma Co., Cal.—Pacific Construction Co., S. F., awarded purchase, at public auction of County Superint. & Marine Steam Shovel. Purchase price, \$5300.

LOS BANOS, Merced Co., Cal.—Until July 15, 3 p.m., bids will be rec. by S. E. Dismukes, clerk West Side Union School District, for fur. one Union Electric Duplex Gas Plant, 10,000 cu. ft. capacity, with 5 12-ft. carburetors; 700-gal. underground tank, 1½ hp. motor and automatic self-reboring air unit.

LOS ANGELES, Cal.—A. V. Swartz, 772 P. E. Bldg., was awarded contract by Harbor Commission at \$7 per ton for furnishing harbor department with 102½ tons reinforcing steel and 400 lbs. black wire at 4c lb.

RENO, Nevada.—Until July 29, 12 M. bids will be received by E. H. Beemer, County Clerk, (1) to construct garage building; (2) for furnishing and installing one No. 110 Kewanee or equal smokeless fire-box boiler in basement of Washoe County Court House; (3) for equipment and furnishings for Washoe County Isolation Hospital. Architects: Ferial & Sons, Architects, Colonial Apartments, Reno, Nevada. See Call for bids under official proposal section in this issue.

SAN FRANCISCO.—Union Construction Co., Oakland, at \$2.23 lin. ft. awarded contract by U. S. Engineer Office, 240 Montgomery street, for furnishing and delivering 5,000-lin. ft. shore line pipe.

SAN JOSE, Santa Clara Co., Cal.—Stuart S. Smith & Co., 625 Market St., San Francisco, at \$4798 awarded contract by Superint. for fur. and del. 12-ton road roller. Other bids: Austin Western Road Mach. Co., \$5000; West Coast Equipment Co., 10-ton roller, \$4650; Spears-Wellis Mach. Co., \$4995.

SAN JOSE, Santa Clara Co., Cal.—Following bids received by Supervisors and taken under advisement for (a) fur. and del. 5-ton trailer and (b) 4-ton trailer:—
 (a) 1140.40; (b) 1140.40. Implement Co., Market and San Antonio Sts., San Jose, (a) \$1034; (b) \$935; Picchetti & Demicheli, (a) \$1316.25; (b) 1916.25; (c) \$1167.50; (d) \$1767.50; Horstman Mfg. Co., 4-ton, \$1020 and \$800, 4-ton trilers, and \$1070 for 5-ton; Benson & Weaver, 4-ton, \$1442 and \$1592; 5-ton, \$1542 and \$2092.

LOS ANGELES, Cal.—Until 3 P. M. August 1, bids will be received by the Public Service Commission, 267 S. Broadway, for water meters. Specification No. 614. Jas. J. Vroman, Secretary.

ORANGE COVE, Fresno Co., Cal.—Until July 14, 7:30 P. M. bids will be received by W. H. Wraith, Clerk Orange Cove Joint Union Grammar School District for furnishing and delivering (1) Ford chassis with 4-ft. frame extension and coil springs to carry 2-tons; (2) school bus body to carry 40 grammar school pupils. Specifications may be had from clerk.

SACRAMENTO, Cal.—H. C. Bittorf, city controller, on July 10, 10 a.m., will sell at public auction, following materials no longer required by city, and which may be examined at Filtration site:

- (1) One tower, knocked down, without guy cables, suitable for chuting of concrete, 100 ft. high, framed of 8x6-in. corner posts, 2x10-in. horizontal bracing, 2x8-in. diagonal braces, 2x3-in. jointed and surfaced skip girders; all framing is fitted, jointed and bored for bolting together except diagonal bracing, which is spiked.
- (2) 3200 lin. ft. more or less, No. 28 Amtr. Steel & Wire Co.'s standard tri-angle mesh fabric, 18 in. wide, galv.

SAN JOSE, Santa Clara Co., Cal.—Following bids rec. and taken under advisement by supervisors for fur. and del. one new or used motor truck: Artant-Geoffrey Co., new Fagel, \$4698 and \$3000; E. C. Hamlin & Son, new Packard, \$4555; E. C. Hamlin & Son, Bosch, \$3500, \$4000, all used; Packard-Harrison P. Smith Inc., new truck \$3829; Rowley M. Thomas, used truck, \$3000; Pierce Arrow Pacific Sales Co., used truck, \$3650; Picchetti & Demicheli, truck, \$4150 and \$4450.

LOS ANGELES, Cal.—Until 3 P. M. July 14, bids will be received by the Public Service Commission, 267 S. Broadway, for curb and corporation cocks and lead and iron unions. Specifications No. 613. Jas. J. Vroman, Secretary.

OAKLAND, Cal.—City Council, E. K. Sturges, clerk, awarded \$9,660 to purchase 4200 feet of 20-in. shore pipe for Department of Public Works. W. W. Harmon, City Engineer.

PORTLAND, Ore.—Until July 14, 2 p.m., bids will be rec. by Comm. of Public Docks, foot of Stark St., for fur. and del. to Municipal Terminal No. 4, 1000-ft. gravity conveyors with boost-ers, turnbuckles, G. B. Hegardt, eng. for Comm.

RAILROADS

PORTLAND, Ore.—If right of Southern Pacific Co. to hold Central Pacific is established by Interstate Commerce Commission, work on the uncompleted portions of the Natron cut-off will be started immediately, according to Julius Matthews, chairman of the Board of Directors of the S. P. in a telegram to a Portland newspaper.

SAN FRANCISCO.—Board of Public Works requests Supervisors to appropriate \$40,000 to construct loop track at Market St. and Grant Ave. for Municipal Railway system.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

SAN JOSE, Santa Clara Co., Cal.—Until July 10, 3 p.m., bids will be rec. by J. J. Lynch, city clerk, to imp. 15th St. bet. San Carlos and William, by regrading; paving with 3-in. asphalt, base with 1½-in. asphalt, conc. surface; conc. curb and gutter; 1-ft. catch basin with 8-in. vit. manhole connections.

Separate bids, same date, to imp. St. James St. bet. San Pedro and River St., by grading, paving with 3-in. asphalt, conc. base with 1½-in. Warren-

ite-bitulite surface; conc. curbs and gutters; art. stone walks; 1-ft. catch basins; 8-in. vit. pipe drains. Wm. Popp, city eng.

SANTA BARBARA, Santa Barbara Co., Cal.—George E. Iue, Santa Barbara, was awarded contract at \$12,320 for furnishing and delivering at Gibraltar dam, 3000 bbls. cement, and for furnishing and transporting 5000 yds. sand, gravel and one-man stone to same point. Bids for furnishing cement were: Ambrose Lumber Co., \$11,580; Central Lime and Cement Co., \$12,000; Boyd Lumber and Mill Co., \$12,000.

SAN RAFAEL, Marin Co., Cal.—Until July 17, 10 a.m., (readvertisement) bids will be rec. by Robert E. Graham, county clerk, to imp. portion of Pt. San Pedro Rd., in Road Dist. 1. Geo. M. Dodge, county surveyor.

SAN DIEGO, Cal.—City Council has voted \$30,000 of city funds to pave Roosevelt Memorial Dr. from La Jolla to Biological Garden.

BERKELEY, Alameda Co., Cal.—City Council, E. M. Hann, clerk, declares intention (No. 461) to imp. Grove St. bet. Berkeley Way and Hopkins St.; conc. comb. conc. curb and gutter; regrading, paving with 6-in. hyd. conc. base with 2-in. asphalt, conc. surface, including certain crossings; conc. catch basins; br. manhole, 1911 Act. Protests July 14. C. L. Huggins, city eng.

CALIFORNIA.—Following awards of contract made by State Highway Commission:

Colusa County. In the town of Williams, three-tenths mile, to be surfaced with asphalt concrete, awarded to J. A. Costello Jr., San Francisco, at \$5190.

Marin County. bet. Alto and Belvedere Crossing, about 2½ miles to be graded and graveled, awarded to J. A. Modin and M. C. Preston, Byron, Cal., at \$33,812.

Humboldt County. bet. Trinidad and Freshwater Laguna (I-Hum-1-J), about 16½ miles in length, to be graded, awarded to Pacific Construction Co., San Francisco, \$43,321.50.

Imperial County. bet. El Centro and Imperial about 2 miles to be graded and paved with Portland cement concrete, awarded to John F. Knapp, Turlock, at \$36,552.

SAN FRANCISCO.—City Eng. M. M. O'Shaughnessy completes spec. to imp. Flood Ave. bet. Detroit and Congo, est. cost \$7200, invol. 550 cu. yds. cut; 230 cu. yds. fill; 1200 lin. ft. conc. curb; 18,000 sq. ft. asphalt cement.

Spec. completed to imp. Farallones St. bet. Plymouth and San Jose Ave., est. cost, \$12,000, invol. 225 lin. ft. 8-in. vit. pipe sewer; 17 wye branchings; 2 br. manholes; 2091 lin. ft. conc. curb; 1 br. catch basin; 25 lin. ft. 10-in. vit. pipe culvert, 31,300 sq. ft. asphalt, conc. pavement.

SALEM, Ore.—John Hackanson, Astoria, \$58,748 awarded contract by State Highway Comm. to grade 2.66 mi. of Elk River-Sixes River section of Coast Highway in Curry County.

Pat Loneragan, Pendleton, Ore. \$44,419, low bidder to grade and stone surface 3 mi. of Holdman-Harps Ranch section of Pendleton-Cold Springs Highway in Umatilla County. Greenwood & Dann, Portland, \$139,543 low bidder for 2 miles of grading and curbing Unit 2, Ochoco-Mitchell section of Ochoco highway in Wheeler County. Sloane Constr. Co., Spokane, Wash., \$5,375, low bidder for surface with broken stone 5.38 mile of Wallawa Hill section of La Grande Joseph Highway in Union and Wallawa Counties. These bids taken under advisement.

OAKLAND, Cal.—City Council, E. K. Sturges, clerk, declares intention (24261) to imp. portions of 26th Ave. bet. East 9th St. and Central Pacific bet. right of way by grading, conc. conc. curbs and gutters, paving with oil macadam, 1911 Act. Protests July 20. W. W. Harmon, city eng.

OAKLAND, Cal.—Until July 13, 12 M., bids will be rec. by E. K. Sturges, city clerk, to imp. portions of East Ninth St., 2nd and Cal. Aves., by grading, const. conc. curbs and gutters; paving with oil macadam; corr. iron and conc. culvert. 1911 Act. W. W. Harmon, city eng.

HANFORD, Kings Co., Cal.—Until July 15, 7 p.m., bids will be rec. by E. E. Grant, Route B, Box 297, Hanford, to pave tennis court with cement 4x8 ft., 1-in. thick; also for asphalt tennis court of same size and for additional cement work. Spec. on file in office of County Sup't. of Schools at Hanford.

SAN JOSE, Santa Clara Co., Cal.—Until July 15, 5 p.m., bids will be rec. by J. J. Lynch, city clerk, to imp. Orchard St. bet. San Carlos and Balbach by regrading; paving with 4-in. asphalt base with 1-in. asphalt surf.; const. conc. curbs and gutters; 5 br. catch basins; 8-in. vit. sewers. Wm. Popp, city eng.

GLENDALE, Cal.—Cronwell & Henderson, 127 S. Glendale Ave., Glendale, awarded contract by City Trustees, at about \$3264.66 for oiling and surfacing Chestnut St. involv. 559 lin. ft. grading at 50¢ ft., 117.8 sq. ft. oiling, curb at 50¢ ft., 6067 sq. ft. walk at 18¢ ft., 628 ft. pipe at \$1.40 ft.

Peter L. Ferry, 611 E. Acacia Ave., Glendale, awarded contract at about \$15,389.76 for oiling and surfacing Louise St. bet. Broadway and Windsor Rd., involv. 112,946 sq. ft. oiling and surfacing at 5.25¢ ft., laying 2138 ft. 8-in. pipe at \$2.80 ft., 2038 ft. 6-in. pipe at \$1.70 ft.

Fleming Constr. Co., 105 N. Park Ave., Pomona, awarded contract at about \$927 for constructing 5150 sq. ft. sidewalk.

HAYWARD, Alameda Co., Cal.—Until July 11, 8 p.m., bids will be rec. by M. E. Templeton, city clerk, to improve portions of Washington St. bet. 1st and 2nd Sts. by grading, paving with 4½-in. asphaltic concrete base with 1½-in. asphaltic concrete surface, concrete curbs and gutters, 6-in. vit. sewers, etc. Hm. Act. 1911 and Bond Act 1915. Jesse B. Holly, town engineer.

HAYFORD, Kings Co., Cal.—Until July 10, 4 a.m., bids will be rec. by E. F. Pickering, county clerk, to pave county highway from Laton Bridge south and east, 1½ mi. in length, involv. 7,640 sq. ft. 3½-in. asphalt conc. base in shoulders and 158,769 sq. ft. 1-in. asphalt conc. base in surface. Deposit of \$1,000 required for plans, obtainable from Roy May, county surveyor.

CALIFORNIA.—As previously reported, bids will be rec. July 17, by State Highway Commission to grade 1.1 miles of Highway in Plumas and Lassen Counties bet. Chester Grade and NE ¼ of Sec. 3, T. 28N., R. 9E., M.D.B. and M. and T. Johnson, involv. 71,000 cu. yds. excav. without classification; 225 cu. yds. Class A concrete (culverts and monuments); 390 lin. ft. 12-in., 150 lin. ft. 18-in. and 104 lin. ft. 24-in. corrugated metal pipe 32 townm. long. Commission will furnish rein. steel, corr. pipe and cement.

LONG BEACH, Cal.—R. N. Niekiewicz, P. O. Box 20, Long Beach, awarded contract at \$98,234 for constructing sewers in Redondo and other streets in sewer dist. No. 6.

LOS ANGELES, Cal.—Bebek & Brkph, 125 W. 78th St. awarded contract, by Board of Public Works at \$135,125.55 for constructing El Sereno sewer system. Engineer's est., \$161,682.91.

POMONA, Cal.—Fleming Constr. Co., 105 N. Park Ave., Pomona, awarded contract by City Council at \$40,910 for paving portions of Eleanor, Main, Pearl and Pasadena Sts. with 5-in. oil macadam, involv. 312,038 sq. ft., and 1198 ft. curb.

Fleming Constr. Co. also awarded contract at \$16,362 for paving Alvarado St. bet. Carson and Towne Aves., with 5-in. oil macadam, involv. 124,293 sq. ft. and 6107 ft. curb.

CALIFORNIA.—Following bids received by State Highway Commission July 3:

Santa Barbara County bet. Canada de las Llagas and Los Chiqueros Creek, 10.8 miles, involv. 6720 cu. yds. class A Port. cement concrete (shoulders and repairs to existing base); 550 cu. yds. removal of broken concrete in existing base; 18,400 tons asphaltic concrete surface. Southwest Paving Co., L. A., \$103,795.00

J. A. Costello Jr., S. F., 117,164.00
Sam Hunter, Santa Barbara, 125,465.00
Geo. A. Oswald, L. A., 130,034.40
Fairchild-Gilmore-Wilton Co., L. A., 137,265.50

Orange County between east boundary and San Juan creek, 8.8 miles, involv. 6200 cu. yds. excavation without classification; 4600 cu. yds. Class A Port. cement concrete (shoulders and repairs to old base); 300 cu. yds. removal of broken concrete in existing base; 9000 tons asphalt concrete surface; 34 lin. ft. 36-in. corrugated metal pipe. Geo. H. Oswald, Los Angeles, \$126,415

J. A. Costello Jr., S. F., 126,393

Fred W. Teschke, Los Angeles, 148,430

Southwest Paving Co., L. A., 154,795

Grady Bros. & Bruce, Los Angeles, 165,782

Engineer's estimate, \$153,117.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares intention to imp. Pierce Ave. bet. Orchard and Market Sts. by grading, paving with 3-in. bituminous cement bituminous base with 1½-in. Warrenite surface; 1 br. catch basin; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Protests July 17.

Wm. Popp, city eng.

PHOENIX, Ariz.—Warren Bros. Co., Phoenix, submitted only bid to State Eng. Thos. Maddock at \$14,603.97, and alternate of \$43,296.17 for constructing .9458 mi. paving at Winslow, in Federal Aid project No. 20, involv. 4956 cu. yds. excav. roadway unclass. at \$1.75; loose rock at \$2 and solid rock at \$2.50; 967 cu. yds. overhaul (100 ft.) at 1¢ ft.; 10,060 sq. yds. bitum. pavement on bitum. base course, using local rock at \$2.99 yd.; 10,060 sq. yds. same paving, using imported rock, at \$3.12 yd.; 2930 sq. yds. gravel shoulders at 60¢ yd.; 73 cu. yds. A conc. incl. 110 lbs. rein. steel at \$27 yd.; 56 cu. yds. excav. for structures at \$8.50 yd. The total using local rock is \$14,296.17 and imported rock, \$14,603.97.

PHOENIX, Ariz.—Ben Fere, Phoenix, was awarded contract by State Engineer Thos. Maddock, at \$65,536.75 (including material furnished by State) for constructing Nogales-Wilcox highway, involv. (1) 355 cu. yds. excav. unclass. at 70¢ yd.; (2) 1306 cu. yds. excav. roadway at 90¢ yd.; (3) 2300 cu. yds. roadway unclass. at 90¢ yd.; (4) 5500 cu. yds. excav. borrow unclass. at 60¢ yd.; (5) 60 cu. yds. excav. structures at \$1.50 yd.; (6) 110 yds. Class A conc. at \$15 yd.; (7) 6460 lbs. rein. steel haul and place at 4¢ lb.; (8) 24,488 sq. yds. plain conc. pavement. Other bids: (1) 10¢ yd. by Borderland Constr. Co., bitum. on bitum. paving instead of conc., \$67,284.04; Goodman & Merrill, St. David, \$67,953.26; White & Miller, \$74,905; McLean, Burton & Bruckner, Los Angeles, \$68,975.80; Lown & Ward, \$69,371.58.

MODesto, Stanislaus Co., Cal.—Standard Paving Co., 9th and N Sts. Modesto, awarded contract by Council to imp. St. bet. 17th and Downey Aves., and 18th St. bet. I and Downey Aves.; grading, 5¢ sq. ft.; 2½-in. asphalt conc. base with 1½-in. Warrenite pavement, 17¢ sq. ft.; conc. gutter, 20¢ sq. ft.; conc. curb, 70¢ lin. ft.; headers, 10¢ lin. ft.

LOS ANGELES, Cal.—R. A. Watson, 4907 Melrose Ave., submitted low bid to Board of Public Works, at \$20,653, to const. Sec. 2 of the temporary outfall sewer from Sixth Ave. to Calais Ave., involv. laying 2442 lin. ft. used 41-in. drive-joint riveted steel pipe (to be furnished by the city) with a drainage ditch outlet for the same of 2000 lin. ft., and including distribution of soil pipe and the excav. and backfilling. The bid included the unit

price of 46¢ cu. yd. for additional drainage ditch excavation. Other bids were: J. A. Costello Jr., \$24,825, and \$1 cu. yd.; E. Schelling, \$28,400; and 40¢ cu. yd.; Charles B. Green's bid was not declared as it contained no affidavit.

NAPA, Napa Co., Cal.—Until July 17, 10 a.m., bids will be rec. by James A. Daly, county clerk, for 500 cu. yds. crushed rock, del. and spread on Canyon east of American Canyon school house. Spec. on file in office of clerk. O. H. Buckman, county surveyor.

SACRAMENTO, Cal.—City Commission awards following contracts:

McGillivray Const. Co., Capitol Natl. Bank Bldg., Folsom Blvd. from pt. 107 ft. east of 17th St. to 53rd St., const. conc. curbs and gutters; const. gutter drains with 6-in. vit. sewer connections; conc. manholes; reconstr. manholes; const. curb and gutter, 6-in. vit. sewer connections; 1-in. water main connections; grading and paving with 5½-in. asphalt conc.

McGillivray Const. Co., 27th St. bet. Y St. and Urban Court, const. conc. curb and gutter, 6-in. vit. sewer connections; reset gutter drain; grading, paving with 5½-in. asphalt conc.

J. W. Terrell, 1111 29th St., Madsen Ave., from sewer in Sacramento Blvd. to its west end, const. 6-in. vit. sewer, extend 6-in. vit. services to property line; conc. manholes; 6-in. vit. pipe flusher branch.

J. W. Terrell, 1111 29th St., Madsen Ave., from sewer in Sacramento Blvd. to its west end, const. 6-in. vit. sewer, extend 6-in. vit. services to property line; conc. manholes; 6-in. vit. pipe flusher branch.

T. M. Burns, 2207 N. St.; Alley bet. H and I, 24th and 25th Sts., const. 130 lin. ft. conc. curb and gutter, 6-in. vit. track drain with 6-in. vit. manhole connection; reconstr. manhole; grading, paving with 5-in. concrete.

FRESNO, Fresno Co., Cal.—Until 3 p. m., July 13, bids will be received by City Clerk R. Y. St. George to imp. Echo Avenue, between Olive and Pine Streets, involv. 63,576 sq. ft. grading, 54,470 sq. ft. asphalt pavement, 338 lin. ft. curbs, 16,594 sq. ft. walk, 396 lin. ft. 12-in. corr. culverts, 8 manholes, 6106 sq. ft. concrete gutter, 300 ft. 18-in. vit. clay pipe; 7911 Act. Wm. Stranahan, city engineer.

LINDSAY, Tulare Co., Cal.—Federal Const. Co., Capitol Bldg., San Francisco, awarded contract by trustees to pave seven blocks of alleys in the business district. Plans to pave several blocks in residential district have been approved by trustees.

SAN BERNARDINO, Cal.—H. H. Lienau, who was awarded contract by supervisors at \$108,000, to pave Hellman Avenue (R. D. 1, No. 17) has refused to sign contract on ground that proceedings were illegal. The work will have to be readvertised. The work involves about 350,160 sq. ft. 4-in. concrete paving, concrete curbs, concrete curb and culverts. Engineer's estimate, \$108,500.

LOS ANGELES, Cal.—W. D. McCray, 416 Amer. Bank Bldg., submitted low bid to Board of Public Works at \$114,280 to grade and oil Middlebury St. bet. Hoover St. and Juanita Ave., involv. 45,120 sq. ft. rough grading to grade at 8¢ ft., 45,120 sq. ft. finished grading at 11¢ ft., 45,120 sq. ft. 3061 ft. curb at 70¢ ft., 15,422 sq. ft. walk at 22¢ ft., 6129 sq. ft. conc. gutter at 32¢ ft., reconstr. manhole, \$13.

SAN JOSE, Santa Clara Co., Cal.—Following bids rec. and taken under advisement by Supervisors to imp. First St. and Bodfish Mill Road in Supervisor District No. 1, Hugh Crummeys, \$115,749; (b) \$115,848; Clark Henry Const. Co., at \$15,455; (b) \$13,764; Estimate of County Surveyor I. L. Ryder, at \$15,696; (b) \$14,006.

FURKA, Humboldt Co., Cal.—Until July 17, 10 a.m., bids will be rec. by Fred M. Kay, county clerk, to gravel road from Samoa north along peninsula toward Arcata in Rd. Dist. No. 4. Spec. on file in office of clerk. A. J. Logan, county surveyor.

SALEM, Ore.—Warren Const. Co., Portland, \$103,855, only bidder to grade and surface 7.89 mi. Lostine-Enterprise section of La Grande-Joseph highway in Willamette County. Bid rejected.

Tillamook County, Const. at \$17,200 awarded contract to broken stone surface 3.2 mi. of Rockway-North section of Coast Highway in Tillamook County.

Colonial Bldg. Co., Spokane, Wash., at \$42,558 awarded contract to const. overhead crossing at Rhinehart, bridge No. 799, on Island City-Eigh section of La Grande-Joseph section in Union County.

Union Bridge Co., Portland, low bidder at \$11,640 to const. undercrossing near Durkee, bridge No. 705, Baker-Nelson section, Old Oregon Trail in Baker County. Taken under advisement.

Palmer Const. Co., Portland, (a) low bidder at \$36,945, and A. D. Kern, Portland, low bidder at \$37,220, for Const. and Low Water, Clackamas County, 6.2 mi. of surfacing on Multnomah County line-Sandy section, and 10.7 mi. of surfacing on Cherryville-Forest Boundary section. Taken under advisement.

W. Stone, Portland, low bidder on Camas Mountain section of Coos Bay-Roseburg highway in Douglas County, 9.69 mi. broken stone or crushed gravel surfacing: (a) \$47,000; (b) \$47,750; (c) \$48,500; (d) \$44,100. Taken under advisement.

Carl Neiberg, Spokane, Wash., low bidder at \$146,000; (b) \$133,122, for Dead Man's Pass-Kamela section of Old Oregon Trail, Umatilla County, 12.12 mi. of grading and surfacing. Taken under advisement.

WALLA WALLA, Wash.—The Puget Sound Bridge & Dredging Co., Central Bldg., Seattle, and the Walla Walla Concrete Pipe Co., Walla Walla, submitted the low bids to const. 2nd division of municipal waterworks system; these bids being retained and three others rejected. Puget Sound Bridge & Dredging Co., concrete pipe, \$106,815; steel pipe, \$157,627; steel pipe, \$142,244. Walla Walla Concrete Pipe Co., bidding on concrete pipe only, \$139,256. Contract includes laying 44 mi. of pipe const. along with pipe lines and installation of telephone system. **Ernest B. Hussey**, Alaska Bldg., Seattle, eng.

SACRAMENTO, Cal.—Until July 13, 9 p.m., bids will be rec. by H. G. Denton, city clerk, to const. alley bet. 39th and 40th Sts. from manhole in R St. to pt. 265 ft. south; alley bet. 40th and 41st Sts. from manhole in R St. to pt. 244 ft. south; alley bet. 41st and 42nd Sts. from manhole in R St. to pt. 230 ft. south, by const. vit. sewer with 6-in. vit. wye branches and 6-in. vit. flusher branch.

38th St. from manhole in 12th Ave. to pt. 250 ft. south, by const. 6-in. vit. sewer with 6-in. wye branches; 1 conc. manhole.

Q St. bet. 2nd and 23rd Sts., except intersection of 3rd, 7th, 8th, 15th and 21st Sts., by const. vit. sewer with 6-in. vit. wye branches, where not to grade; reconstr. catch basins; grade and pave with 2-in. asphalt conc.

Portions of 41st, B, 34rd, C, D and 42nd Sts., by const. vit. sewers; conc. manholes. **Albert Givian**, city eng.

MARTINEZ, Contra Costa Co., Cal.—County Surveyor R. R. Arnold completes spec. to complete Willow Past Rd. at Concord, and bids will be asked immediately.

LOS ANGELES, Cal.—Res. of inten. adopted by County Supervisors to improve Corona, Covington, Willow Past, Santa Ana and Claremont Aves., at Alamitos Bay (R. D. 1, No. 227), approx. 11,192 lin. ft. or 2.12 mi. involv. 11,516 cu. yds. excav.; 31,565 sq. ft. shaping roughed; 16,745 lin. ft. placing conc. curb; 34,558 sq. ft. placing conc. walk; 1476 lin. ft. placing 12-in., 372 ft. 18-in., and 202.5 ft. 12-in. storm drain; 19 catch basins, 3 manholes, 1 junction chamber; 7690 ft. 8-in. and 845 ft. 10-in. sanitary sewers; 16 manholes for sewer; 16 junction chambers for sewers; 3 flush tanks; 17 lamp holes; 31,566 sq. yds. conc. pavement. Materials required: 84,488 cu. yds. sand, 2520 cu. yds. sand, 4981 cu. yds. gravel,

1455 ft. 42-in., 372 ft. 18-in., 302.5 ft. 12-in. rein. conc. pipe, 6625 ft. 8-in., 715 ft. 10-in. conc. pipe sewer, 426 8x6-in. wyes, 52 10x6-in. wyes, 17 8x6-in. tees, 7 42x24-in. tees, 3300 lin. ft. 3.5-in. expansion joints, 330 lin. ft. 5-in. expansion joints; 700 expansion joints for curbs. Est. cost, \$120,247.90.

CALIFORNIA—Until July 31, 2 p.m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, for four stretches of highway as follows:

Colusa and Sutter Counties, bet. Colusa and Long Bridge, 10.9 miles in length, to be graded and paved with Port. cem. conc.

Loyo County, bet. Fish Springs School and SE corner, Sec. 33, T. 28S., R. 24E., M.D.R. and N., 11.7 miles in length, to be graded.

Kern County, bet. Cottonwood Creek and First crossing, Kern River, 6.8 miles in length, to be graded.

Madura County, bet. Arcola School and Borden Station, 6.8 miles in length to be surfaced with asphalt conc. **Austin B. Fletcher**, State highway engineer.

MARTINEZ, Contra Costa Co., Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, awarded contract by Supervisors to const. oil macadam shoulders on section of highway near Pittsburg.

MARYSVILLE, Yuba Co., Cal.—Highway Committee of Yuba County Chamber of Commerce files report with Supervisors recommending a program of road work, and funds to be raised under direct taxation by a 50 per cent levy annually. Two classes of road are defined: primary, or the most used arteries of travel, and secondary roads. It is made that the roads be graded, drained and graveled so that at some future time the foundation will be in place for paving. Roads to be improved will total about 100 mi. **Leslie B. Crook**, county surveyor.

FRESNO, Fresno Co., Cal.—City Engineer Wm. Stranahan completes spec. to improve Bremer Avenue, between Fort and San Pablo Avenues, involv. 50,300 sq. grading, 45,330 sq. ft. asphalt paving, 4745 sq. ft. concrete gutters, 2374 sq. ft. walks, 14 ft. 12-in. corrugated culverts, 112 ft. 24-in. corrugated culverts, 4 manholes.

SEATTLE, Wash.—Independent Asphalt Paving Co., Seaboard Building, at \$133,167 awarded contract by Board of Public Works to pave Wilcox Ave. between Mattson, Seattle, at \$273,217 awarded contract to pave West Marginal Way.

LOS ANGELES, Cal.—The Robinson-Roberts Co., 509 E. 1st St., Club Bldg., awarded contract at about \$30,000 to construct 5 culverts and 1700 ft. of storm drain in Wilshire Boulevard and Longwood Avenue for the Rimpun Hill and Wilshire Crest syndicate. The culverts will be monolithic rein. conc. double barreled; one rectangular, 6x8 ft., one circular 7 ft. diam. and 3 circular 6 ft. diam. Storm drain will be 45 and 48-in. reinforced pipe.

SAN DIEGO, Cal.—California Construction Co., 528 Granger Building, San Diego, awarded contract by city council for paving Rosecrans St. between Kingsley Street and 15th St. of Kelleys Street and portions of Dumas, Poe, Canyon and Rogers Sts. at 25.2c sq. ft. one-course concrete pavement; 75c ft. 8-in. curb, 75 ft. 6-in. curb, 6 sq. ft. oiled gutters; 25c ft. removing existing cement curb; \$420 for concrete culverts and catch basins complete.

OXNARD, Cal.—Res. of inten. adopted by Trustees to imp. portions of A, B, C, D, E, Fifth, East Fifth, Seventh, and other streets, by grading, paving with 5-in. and 6-in. cement concrete, constructing curbs, gutters, corrugated iron and concrete culverts. 1911 Act. **Frank B. Pettis**, clerk.

LONG BEACH, Cal.—City council adopts resolution ordering improvement of portions of E. B. Bonita, Corcoran, Esperanza, Falcon, and other avenues and streets, by grad-

ing and paving with cem. concrete and asphalt wearing surface and some oiled macadam; constructing class "B" concrete curbs, 5-ft. walks, concrete gutters, corrugated iron and concrete culverts. 1911 Act. H. C. Wauchop, city clerk.

STOCKTON, San Joaquin Co., Cal.—T. E. Chubb, 668 9th St., Richmond, at \$1601 awarded contract by Council to sewer North St. bet. Madison and Edison, 210 lin. ft. 4-in. sewer, incl. 15 1-in. curved branches, 55c; 169 3 1/2 in. ft. 6-in. sewer, incl. 15 1/2 wye branches, 60c; 2 6x6-in. wye branches, \$3.25; 2 6-in. curved branches, \$1.50; 1 4-ft. dia. br. manholes, \$70; 2 conc. manholes and flush tanks, \$30.

LOS ANGELES, Cal.—Hill, Hubbard Co., 1612 Compton Ave., awarded contract by Harbor Commission for furnishing supply of crushed rock for use in it shed at berth 151. The bid was for 25,000 sq. ft. Astic covering at 31c ft.

SAN FRANCISCO—Board of Supervisors request by Board of Public Works to authorize call for bids for cur. and del. street signs.

TEMPLETON, San Luis Obispo Co., Cal.—Until July 12, 12 p.m., bids will be received by W. C. Smalling, Clerk, Templeton Union High School District, to install one Deming Hydro-Pneumatic water system, No. 2015 with 1-1 1/2 in. P. C. single phase cycle 110-225 volt self-starting motor, bronze bushing in head. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Until 10 a.m., July 17, bids will be rec. by Board of Public Works for improving the following streets:

Union St. bet. Boyle and Santa Fe Aves., involv. 60,741 sq. ft. grading, 22,316 sq. ft. asphalt paving, 33,395 sq. ft. 6-in. conc. pav., 19,181 sq. ft. grading only, 372 ft. conc. gutter, 1571 cu. ft. W. cut, 6-in. culv. 60 ft., 235 ft. 8-in. sewer pipe, 160 ft. 6-in. house sewers 1911 Act.

Manchester Ave. bet. Vermont and Western Aves., involv. 56,042 sq. ft. 6-in. conc. paving, 23,258 sq. ft. grading and oiling, 2593 ft. curb, 13,151 sq. ft. walk, rein. conc. culvert and sanitary sewer complete, 2696 cu. yds. cut, 135 cu. yds. fill, 1911 Act.

LONG BEACH, Cal.—City Council has been deeded Lot 14, Blk. G, Signal Hill, by Shell Co. of California, as site for reservoir, conduits, pipes and other parts of water distributing system. Proceedings for this work have not yet been adopted.

BAKERSFIELD, Kern Co., Cal.—City Eng. W. D. Clark completes spec. to pave Oak St. with 4-in. asphalt conc. base with 1 1/2-in. Tokosa surface. Protests will be heard July 24.

COLUSA, Colusa Co., Cal.—Valley Concrete Co., Yuba City, at \$6511.20 awarded contract by trustees to install 4725 ft. conc. sewer.

BAKERSFIELD, Kern Co., Cal.—City Council returns bids unopened to grade and pave portion of Union Ave. with 1 1/2-in. Warrenite surface on 3 1/2-in. asphalt conc. base, and City Eng. W. D. Clark instructed to prepare new specifications.

OROVILLE, Butte Co., Cal.—Dan Bayles, Gridley, at \$6270 awarded contract by Supervisors to grade Ricelet Rd., involv. 16,000 cu. yds.

Collins & Seppi, Clements, Cal., at \$2250 awarded contract to excavate price in storage pile, 14,000 cu. yds. bank gravel on Colusa-Gridley Road, also at \$15,325 to haul and spread on Colusa-Gridley Road 11,000 cu. yds. bank gravel.

SAN JOSE, Santa Clara Co., Cal.—Until July 10, 10 a.m., bids will be rec. by J. J. Lynch, city clerk, to imp. 2nd St., Western Division R. R. right of way of S. P. Co., and Hensley Ave., grading, paving with 1 1/2-in. asphalt conc. base with 1 1/2-in. asphalt conc. surface; except where to be done under private contract. **Wm Popp**, city eng.

Official Membership Directory Builders' Exchange of Alameda County

351 TWELFTH STREET, OAKLAND

Phone: Lakeside 6750

Officers:

W. E. Whalin, President
E. M. Tilden, First Vice-President
L. C. Fraser, Treasurer
Sam D. North, Second Vice-President
Wm. E. Hague, Secretary-Manager

ARCHITECTURAL SCULPTORS

Ferrero, F.
Gloverone, E.
Lachmund, Otto
Oakland Ornamental
Composition Works
Woods, J. P.

AWNINGS

Kronke Tent & Awning
Co.

BLACKBOARDS

Simpson, W. C.

BONDS & INSURANCE

Clay, Hotchkiss &
Schroeter
Nash, E. H. & Son.
Rogers, G. Wilbur
Spangler & Fraser
Taylor, A. J. & Co.
Federal Mutual Liability
Insurance Co.

BRICK CONTRACTORS

Allen, C. J.
Bacaus, W. J.
Beckwith, Herbert
Beebe, Thomas D.
Chubb, C.
Devilers, J.
Grot, Leo A.
Knudsen, P. C.
McPherson, S.
Mortensen, W.
Powell, J. W.
Rule, J. W.
Thomsen, John
Townsend, C. H.
Trotter, A. H.
White & Gloor

BRICK (Crushed)

Hiddeker, G. C.
Goodmundson, A. K.
BRICK DEALERS AND
MANUFACTURERS
California Brick Co.
Gladding McBean Co.
Livermore Fire Brick
Works, W. B. Rue,
Oakland Representative
Remillard Brick Co.
United Materials Co.
BUILDERS' HARD-
WARE
Emeryville Hardware
Co.
Maxwell Hardware Co.
BUILDING MATERIALS
Cowell Lime & Cement
Co., Henry
Contra Costa Bldg. Material
Co.
Drummond, J. A.
Holmes Lime & Cement
Co.
Oakland Bldg. Material
Co.
Oakland Lime & Cement
Co.
Pacific Lime & Plaster
Co.
Powell Brothers
Rhodes-Jameson Co.
Rosenberg Co.
Tenney, E. P.
Truscon Steel Co.

BUILDING SPECIAL- TIES

Berger Mfg. Co.
Chas. Christensen Co.
Duroxo Mfg. Co.
Fernald Co., The
The General Fireproof-
ing Co.
Gunn Carle Co.
Hiddeker Brick Co.
Holbrook, Merrill &
Stetson (H. Soloman,
Rep.)

Holmes, A. S.
Jager, H. E. (Decora
Paint Sprays)
Moon, Wm.
Truscon Steel Co.
United States Gypsum
Co.
Waterhouse-Wilcox Co.
(Heaters)

CABINET WORKS

Ray City Cabinet Co.
Kulchar, S.

CANVAS DECKS AND COVERS

Kronke Tent & Awning
Co.

CEMENT CONTRACT- ORS

Austin, F. H.
Cattuch, J.
Cottrell, Geo. W.
Doty, E.
Fitzmaurice, J. H.
Glynn & Kuys
Jepson Bros.
Lindstrom, N. J.
Langland, Henry
Lopes, M. A.
Malone, R. C.
Moller, F. D.
McNaughton, J. A.
Nelson, F. E.
Oakland Concrete &
Terrazzo Co.
Reed, Jesse Edward
Riechel & Bredhoff
Rasmussen, L. M.
Schnoor Bros.
Salamid, F.
Western Constr. Co. of
Alameda County
Williams, Harry E.
Sorenson, H. F. & Son
CEMENT DEALERS &
MANUFACTURERS
Henry Cowell Lime &
Cement Co.
Holmes Lime & Ce-
ment Co.
Old Mission Portland
Cement Co.
Pacific Portland Cement
Co.
Santa Cruz Portland
Cement Co.
(Also see Building Ma-
terials.)

COMPOSITION FLOORS

Binker & Oellerick
California Flooring Co.
Fibrestone & Roofing
Co.
Goodmundson, A. K.
Petrium Sanitary Sink
Co.

CONCRETE CON- TRACTORS

See Cement Contract-
ors.

CONTRACTORS AND BUILDERS

Bartlett, John M.
Bacaus, Wm. J.
Barrett & Hilp
Bertelsen, S. J.
Burritt & Shealey.
Butterfield, F. P.
Cahill Brothers
Christensen & Son, C.
Cederborg, A.
Conner & Conner
Corbett & Bayliss
Damaard, S. E.
Etherton, E. E. Co.
Ernsberger, F. A.
Fleisher, C.
Gede, Victor R.
Graff, E. C.
Hambleton, Fred
Heyer, Chas. W. Jr.

Hendricks, A. T.
Hillen, H. C.
Hopper & Son, M. E.
Holland, W. J.
Hollenbeck G. B.
Jackson, S. G.
Jones, Horace D. Jr.
Jones, W. P.
Kennedy, F. P.
Koller, Karl S.
Lawton & Vezev
Littlefield, R. W.
Long Co., Roy O.
Lucas, Lawrence L.
McDonald & Kahn
McGinty, W. G. & Sons
McNaughton, J. A.
McPhee, A. J.
Maganini, J. F.
Mayhorn, E. F.
Norton, Mathew
Nurch, Walter
Nelson, H. P.
Nelsen & Conrad
Noble, G. H.
Olson, Alfred
Palmer, P. A.
Pearson, G. A.
Peterson, Alfred
Perona, Jno.
Peppin, John B.
Peterson, J. B.
Peterson, Wm. A.
Peterson, Ben
Pedgrift, James
Perry, L. V.
Person, Emal
Peters & Hodgins
Pitman, Harry M.
Rich, James L.
Rose, A. H.
Rose, Marvin P.
Seliman, C. G., Constr.
Co., Inc.
Scott, G. A.
Schwalm, Harry
Sommarstrom Bros.
Sommer & Co., I. M.
Sprague, J. E.
Texdahl, C.
Thornalley, W. G.
Vaughan, John
Vaughn, M. C.
Villadsen Bros., Inc.
Warren, C. H.
Warner, S. A.
Westlund, Fred J.
Whalin, W. E.
Wieben, A. C.
Williams, Geo. A.
Williams, Harry B.
Wilson, Lealle R.
Woolley, B. F.

CONTRACTORS'

MACHINERY

Bacon Co., Edward R.
Harron, Rickard &
McCone

CORNICE WORKS

Bay Engineering Co.
City Cornice Co.
Dickson & Holbrook
Fiuren & Arneson
Golden Co., Dow C.
McDonald & Moore
Pacific Metal Products
Co.
Yager Sheet Metal Co.

CRUSHED ROCK

Rhodes-Jameson
Oakland Building Ma-
terial Co.
Contra Costa Building
Material Co.
Powell Brothers
Tenney, E. P.

DAMP PROOFING

See Roofing Contractors.

DEAFENING FELT
Chas. Christensen Co.
Emeryville Hardware
Co.
Maxwell Hardware Co.
The Paraffine Cos., Inc.

DRAIN BOARDS

California Flooring Co.
Petrium Sanitary Sink
Co.

DRAYAGE

Bartram, It. W.
Maddox & Co., Benj. H.

ELECTRICAL CON- TRACTORS

Advance Electric Co.
Boynton & Reed
King's Electrical Co.
Piedmont Electric Co.
Robert's Mfg. Co.
Spencer Electric Co.
Stanford, D. C.

ESTIMATOR

Barry, Frank
Friedle, Arthur

EXCAVATING

Ariss-Knapp Co.
Bartram, E. W.
Bates & Boreland
Hauser, W. H.
Kopperud & Heafey
Maddox & Co., Benj. H.

FIXTURES

Built-In Fixture Co.

FURNACES

Bay Engineering Co.
Dickson & Holbrook
Doell, C. T.
Fiuren & Arneson
Frieze, Frank
McDonald & Moore
Nottingham, W. K.
Pac Metal Products Co.
Waterhouse & Wilcox
(Caloric)
Mork, Walter (Vassal &
Mueller)

FURRING & LATHING

Buseck, Chas.
McTeer & Stevens
Garcia, W. R.

GLASS AND GLAZING

Cobbleck-Kibbe Glass
Co.
Downey Glass & Paint
Co.
Fuller, W. P., & Co.

GRADING

Ariss-Knapp Co.
Bartram, It. W.
Bates & Boreland
Cattuch, J.
Hauser, W. H.
Hutchinson Co.
Kopperud & Heafey
Tenney, E. P.

HARDWARE DEALERS

Emeryville Hdw. Co.
Maxwell Hardware Co.

HARDWOOD DEALERS

Strable Hardwood Co.

HARDWOOD FLOORS

Aronsen, H.
Mattison, C. J. A.
Royal Floor Co.

HAULING & TEAMING

Bartram, It. W.
Maddox & Co., Benj. H.

HEATING AND VENTI- LATING

Bay Engineering Co.
City Cornice Co.
Doell, C. T.
Fiuren & Arneson
Frazee, L. D.
Frieze, Frank

Golden, Dow C. Co.
Johnson, A. O.
Nottingham, W. K.
Pacific Heating Co.
Pacific Metal Prod. Co.
Poulsen, Albert M.
Scott Co.

HEATING APPLIANCES

American Radiator Co.
Pacific Gas & Elec. Co.
Pac. Gas Appliance Co.

HOLLOW TILE

California Brick Co.
Livermore Fire Brick Co.

W. B. Rue, Oakland Rep.
Gladding McBean Co.

HOUSE MOVER

Henderson, H. B.

INSURANCE AND BONDS

Clay, Hotchkiss & Schroeter
Nash, E. H., & Son
Spengler & Fraser
Taylor, A. J. & Co.

IRON WORKS (Structural)

Jansen Iron Works
Judson Mfg. Co.
Pacific Iron Works
Stobbe & Romak

IRON WORKS (Ornamental)

Frauneder, C.
Jansen Iron Works
Pacific Iron Works
Stobbe & Romak

LATHING & FERRING

Buseck, C.
Garcia, W. R.
McTeer & Stevens
Simons, H. J.

LATHING & PLASTERING

See Plastering Contractors

LIGHT & POWER
Great Western Power Co.
Pacific Gas & Elec. Co.

LIGHTING FIXTURES
Maxwell Hardware Co.
Roberts Mfg. Co.

LIME, SAND AND CEMENT

See Building Materials.

LUMBER AND MILL WORK

Blackman Lumber Co., E. L.
California Door Co. (Mill Work)
Hunter Lumber Co.
Hunter, Vere W. (Representative of Lumber)
Hogan Lumber Co.
Lannom Bros. Mfg. Co.
National Mill & Lumber Co.
Oakland Planing Mill
Pacific Mfg. Co.
Sunset Lumber Co.
Thlden Lumber Co.
Waddell Lumber Co.
E. K. Wood Lumber Co.

LUMBER (Wholesale)
Cal. & Ore. Lumber Co.

MAGNESITE
Einker & Oelrick
California Flooring Co.
Firestone & Roofing Co.
Petroleum Sanitary Sink Co.

Waterhouse-Wilcox Co.
MANTELS AND TILE
Robt. Howden & Sons
Rigney Tile Co.
Scott Co. (floor tile)

MARBLE

Ray Cook Marble Co.
MASTIC FLOORS
Goodmundson, A. K.

METAL LATH

Fernald Co.
The General Fireproofing Co.
Truscon Steel Co.

MILL WORK

See Lumber and Mill Work

MIRRORS

Cobbledick-Kibbe Glass Co.
Downey Glass Co.
Fuller, W. P., & Co.

MORTAR

(Ready Mixed)
Oakland Lime & Cement Co.

MOSAIC WORK

Howden, Robt. & Sons
Oakland Concrete & Terrazzo Co.
Rigney Tile Co.

MOTOR DRAYAGE

Maddox & Co., Benj. H.
ORNAMENTAL IRON
Frauneder, C.

Pacific Iron Works
Stobbe & Romak

PAINTING CONTRACTORS

Baker Co., W. T.
Berlin, Al
Burr & Sons
Blumert, W.
Devert, H.
Frieberg, C.
Johnson, Bert, T.
McManus, Harry
Neal Co., The
Nettleton, C. E.
Pollard, Jr., W. H.
Rutgers, B.
Smith & Seekins
Simmons & White
Sparwasser, Chas.
Stein, L. M.
Swedberg, V. E.
Dow, Harry R.
Turgeon, J. A.
Thomas, E. C.

PAINT, OIL AND VARNISHES

Bass-Ilueter Paint Co.
Downey Paint & Glass Co.
Dow, Harry R.
Friedman Co.
Fuller, W. P., Co.
Nelson & Co., Chris.

PATENT CHIMNEYS

Bay Engineering Co.
City Cornice Co.
Fiuren & Arneson
Pacific Metal Prod. Co.

PHOTOGRAPHER (Commercial)

Hulker, George F.

PLANING MILL

See Lumber and Mill Work

PLASTERING CONTRACTORS

Austin, W. C.
Boyd F. Lindsey
Bodin, V.
Clausen, F.
Childers, H. A.
Dixon, Geo.
Ebinger, Michael
Glimme, T.
Hillam, A. J.
Lester, Geo. C.
Linville Bros.
Little, Wm. H.
Madsen, Peter C.
Makin, Wm.
Rule, J. W.
Rhody & Garcia
Sexton, T. D.
Thomsen, John

PLASTERING (Ornamental) OR PLASTER PARLS

Ferrero, F.
Giovenone, E.
Woods, J. P.

PLASTER NETTING

California Wire Cloth Co.
PLUMBING CONTRACTORS

Catton, Thos. R.
Cruz, J. B.
Doell, C. T.
Eustice, John, H.
Fearney Co., Al M.
Graham, W. H.
Nottingham, W. K.
Poulsen, Albert M.
Rankin, Jas. P., & Son
Scott Company
Picard, Wm. Henry
PLUMBING SUPPLIES
American Radiator Co.
Crane Co.
Kinney Co., R. W.
Mark Lally Co.
Stulsaft Co.
Tay, George H., Co.

PRINTING & RUBBER STAMPS

Dowdle Printing & Rubber Stamp Co.

RADIATORS

American Radiator Co.

REAL ESTATE AND LOANS

Austin Realty Co.

ROCK, SAND AND CEMENT

See Building Materials.

ROOFING CONTRACTORS

Bender, J. W., Roofing & Paving Co.
Brown, H. C., Roofing Co.
Bradhoff, P. F.
W. C. Simpson
Firestone & Roofing Co.
Goodmundson, A. K.

General Roofing Co.
Oakland Roofing Co.
Pacific Roofing Co.
Pac. Painting & Roofing Co.

Tyler, G. L.
Western Roofing Co.
Williams, C. G.

ROOFING MATERIALS

The Paraffine Cos. Inc.

ROOFING TILE

California Pottery Co.
Clark & Sons, N.
Drummond, J. A.
Firestone & Roofing Co.
Gladding McBean & Co.

SASH AND DOORS

California Door Co.
Waterfront Sash & Door Co.

SCREENS & SCREEN DOORS

California Door Co.
Simpson, W. C.

SEWER CONTRACTORS

John Geary's Sons

SEWER PIPE

Calif. Pottery Co.
Gladding McBean & Co.

SHEET METAL WORKS

Bay Engineering Co.
Bell, James L.
City Cornice Co.
Darling Metal & Pipe Works
Dickson & Holbrook
Fiuren & Arneson
Frieze, Frank
Golden Co., Dow C.
McDonald & Moore
Moeiler, J. P.
Oakland Machinery Co.
Pacific Metal Prod. Co.
Yager Sheet Metal Wks.

SHEET METAL (Ship Work)

Golden, Dow C., Co.
McDonald & Moore

SIDEWALK LIGHTS

Waterhouse-Wilcox Co.

SINK BOARDS

Petroleum Sanitary Sink Co.
Rigney Tile Co.
Swords, Allen B.

SKYLIGHTS

See Sheet Metal Works.
See Glass and Glazing.

SPRAYING CONTRACTORS

Machine Spray Paint Co.
Pneumatic Whitewash Co.

STAFF & STUCCO

Ferrero, F.
Giovenone, E.
Laehmund, Otto
Oakland Ornamental Composition Works
Woods, J. P.

STEAM HEATING

Bayo Engineering Co.
Doell, Carl T.
Frazee, L. D.
Graham, W. H.
Johnson, A. O.
Mork, Walter
Nottingham, W. K.
Rankin, James & Son
Scott Co.

STEEL

See Structural Works

STEEL—Reinforcing

Callahan & Morehouse
Gunn Carls Co.
Herrick Co., S. S.
Judson Mfg. Co.
Pacific Coast Steel Co.
Truscon Steel Co.
Wetenhall Co., W. S.

STEEL—Structural

Pacific Coast Steel Co.

STEEL ROLLING DOORS

Berger Mfg. Co.

STEEL SASH

General Fireproofing Co.
Truscon Steel Co.

STORE FIXTURES

Bay City Cabinet Co.

STORE FRONTS & METAL MOULDINGS

Cobbledick-Kibbe Co.
Kawneer Mfg. Co.

STREET CONTRACTORS

Bates & Boreland
Crummey, Hugh
Hutchinson Co.
Kopperud & Heafey

STRUCTURAL IRON WORKS

Herrick Co., S. S.
Jansen Iron Works
Judson Mfg. Co.

TEAMING

Bartram, R. W.

TENTS

Kronke Tent & Awning

TERRA COTTA, SEWER & CHIMNEY PIPE

Calif. Pottery Co.
Clark & Sons, N.
Gladding McBean & Co.

TERRAZZO

See Mosaic Work.

TILE (Building-Hollow)

California Brick Co.
Clark & Sons, N.
Gladding McBean & Co.

TILE (Ceramic)

Brookhurst, Edw. A.
Howden, Robt., & Son
Rigney Tile Co.
Scott Co.

TILE Manufacturers

Brookhurst, Edw. A.

TILE (Roofing)

Clark & Sons, N.
Gladding McBean & Co.
Firestone & Roofing Co.

TRUCKS (Metal)

See Motor Drayage.

WALL BEDS

Rip Van Winkle Wall Bed Co.

WALL BOARD

Chas. Christensen Co.
The Paraffine Cos. Inc.

WALL PAPER HANGERS

See Painting Contractors.

WATER HEATERS

Pac. Gas Appliance Co.
Rotary Oil Burner Co.

WATERPROOFING

Duroxco Mfg. Co.
Firestone & Roofing Co.
General Fireproofing Co.
Gunn Carls Co.

WEATHERSTRIPPING

(Metal)
Hagberg & Ortenblad
WHITENASHING
Pneumatic Whitewashing Co.
WINDOWS
Kawneer Mfg. Co. (Simplex)
G. A. Shuster (Hauser)
WINDOW SCREENS
The Calif. Door Co.
Simpson, W. C.
WIRE CLOTH
(Screen)
California Wire Cloth Co.
WIRE PRODUCTS
California Wire Products Co.

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
2643	Rosenberg	Owner	12000
2644	Dinkelspiel	Conlan	12000
2645	Splatt	Owner	1500
2646	Hamburger	Owner	1000
2647	Carlson	Owner	1000
2648	O'Connor	Mangels	5000
2649	Podesta	Owner	1000
2650	Flynn	Owner	3000
2651	Morton	Fontanella	2450
2652	Lacoume	Owner	20000
2653	Nelson	Owner	6000
2654	Same	Same	12000
2655	Hoffman	Urban	8500
2656	Doyer	Owner	5000
2657	Warnock	Warnock	5000
2658	Cornwall	Stockholm	1,400
2659	Brumund	Mitchell	4700
2660	O'Toole	Owner	1500
2661	Shoemacher	Demartini	4650
2662	Moran	Gott	1500
2663	Ichelson	Kragen	3000
2664	Smith		375000
2665	Hinkel	Owner	6000
2666	Graziani	Owner	2000
2667	Buchignani	Harder	8075
2668	Warnock	Warnock	5750
2669	McAndrews	Owner	3000
2670	McCormick	Owner	2750
2671	G. G. Cloak	Schnebl	5028
2672	Gastel	Schaadt	3900
2673	Maass	Caranzi	1000
2674	Green	Samuelson	4000
2675	Reith	Mohler	1000
2676	Jacobi	Coburn	2000
2677	Provident	Owner	275000
2678	Standard Oil	Sartorius	30760
2679	Standard Oil	Amer. Mbl.	49109
2680	Jacobson	Johnson	11500
2681	Weaver	Taylor	2562
2682	Barbagelata	Chlappe	13498
2683	Samuels	Owner	2500
2684	Carleye	Dahl	7000
2685	Pease	Woerner	1600
2686	Becker	Owner	25000
2687	Schuster	Owner	1200
2688	Roskamp	Michael	3900
2689	Ponchini	Raggio	18000
2690	Perroni	Fraccia	4000
2691	Rivendale	Hoyt	1000
2692	Steffens	Ludwig	15000
2693	Graham	Heden	11740
2694	Hoffman	Urban	2950
2695	Oliver	Vukicevich	6525
2696	Schlotz	Kragen	11269
2697	Landon	Sandberg	6379

APARTMENTS

(2643) S GREENWICH 179-6 E Polk
Two-story and basement frame (7)
apartments.

Owner—Sam Rosenberg, 708 Mission
St., San Francisco.
Architect—None.
Day's work. \$12,000

RESIDENCE

(2644) SW CHERRY AND WASHINGTON.
Two-story and basement
frame residence.
Owner—E. J. Dinkelspiel, 142 Laurel
St., San Francisco.

Architect—Walter C. Faich, Hearst
Bldg., San Francisco.
Contractor—Conlan & Klein, 1734 Fil-
bert St., San Francisco. \$12,000.

DWELLING

(2645) W ARCH 158 1/2 N Randolph.
One-story and basement frame
dwelling.

Owner—Mrs. A. Splatt, 3155 San Jose
Ave., San Francisco.
Plans by Owner.
Day's work. \$1500

UNDERPIN

(2646) NO. 52 McALLISTER. Under-
pin brick foundations of hotel.
Owner—S. Hamburger, 119 Sutter St.,
San Francisco.

Architect—A. H. Knoll, Hearst Bldg.,
San Francisco.
Day's work. \$1000

DWELLING

(2647) NW ROLPH AND NAPLES.
One-story and basement frame
dwelling.
Owner—John Carlson, 31 Rivalo Ave.,
San Francisco.

Architect—None.
Day's work. \$5000

RESIDENCE

(2648) E SANTA PAULA 170 N Yerba
Buena. Two-story and basement
frame residence.

Owner—Grover O'Connor & wife, 2639
Green St., San Francisco.
Architect—Henry H. Guttersen, 278
Post St., San Francisco.

Contractor—Mangels Bros., 4792 Mis-
sion St., San Francisco. \$5000

ALTERATIONS

(2649) NO. 706 SAN JOSE AVE. Con-
crete basement; underpin founda-
tion; new stairs; interior finish, etc.
Owner—G. Podesta.
Architect—None.
Day's work. \$1000

DWELLING

(2650) E TWENTY-SEVENTH AVE
285 N Balboa. One-story and base-
ment frame dwelling.

Owner—Maurice J. Flynn, 267 16th Ave
San Francisco.

Architect—None.
Day's work. \$3000

ALTERATIONS

(2651) NO. 3116-18-20-22 TWENTY-
fourth. Raise present building and
remodel for two stories.

Owner—Dr. A. W. Morton, 601 Butler
Bldg., San Francisco.

Architect—A. H. Knoll, Hearst Bldg.,
San Francisco.
Contractor—Fontanella & Teza, 1622
Eddy St., San Francisco. \$2450

APARTMENTS

(2652) N CALIFORNIA 192-6 W Hyde.
Three-story and basement frame
(6) apartments.

Owner—P. Lacoume and W. Costello,
1569 California St., San Francisco.

Architect—James F. McGuinness Jr.
Day's work. \$20,000

DWELLINGS

(2653) S FLOOD AVE 20 and 120 W
Phelan. Two one-story and base-
ment frame dwellings.

Owner—Nelson Bros., 1375 Plymouth
Ave., San Francisco.

Architect—Chas. F. Strothoff, 2274 16th
St., San Francisco.

Day's work. \$3000 each

DWELLINGS

(2654) N JUDSON 20, 125, 155 and
185 E Hazelwood. Four one-story
and basement frame dwellings.

Owner—Nelson Bros., 1375 Plymouth
Ave., San Francisco.

Architect—Chas. F. Strothoff, 2274 16th
St., San Francisco.
Day's work. \$3000 each

FLATS

(2655) W ELEVENTH AVE 250 N
Anza. Two-story and basement
frame (2) flats.

Owner—Roy W. Hoffman, 710 Balboa
Bldg., San Francisco.

Architect—Paul P. De Martini, 946
Broadway, San Francisco.

Contractor—G. W. Urban, 23 Beulah
St., San Francisco. \$8950

FRAME DWELLING

(2656) E EIGHTEENTH AVE 125 S
Balboa. One-story and basement
frame dwelling.

Owner—A. H. Doyer, 178 9th Ave., San
Francisco.

Architect—None.
Day's work. \$4000

DWELLING

(2657) E PLYMOUTH AVE 160 N
Ocean Ave. One-story and base-
ment frame dwelling.

Owner—J. Warnock, 134 Rolph St.,
San Francisco.

Architect—None.
Contractor—M. C. Warnock, 2920 Mis-
sion St., San Francisco. \$5000

ADDITION

(2658) SW PACIFIC AVE. & WEB-
ster. Addition of servants' room
to residence.

Owner—Ernest Cornwall, 128 Sutter
St., San Francisco.

Architect—Clarence A. Tantan, 251
Kearny St., San Francisco.

Contractor—Chas. Stockholm & Sons,
819 Monadnock Bldg., San Fran-
cisco. \$1500

ALTERATIONS

(2659) 1309 FORTY-EIGHTH AVE.
Alterations and additions to build-
ing.

Owner—Charlotte Brumund, 1309 48th
Ave., San Francisco.

Architect—None.
Contractor—J. L. Mitchell, 1794 Page
St., San Francisco.

Filed July 1, 1922. Dated May 12, 1922.

Roof on \$1175
Plastering done 1175
Plastering completed 1175
Usual 35 days 1175

TOTAL COST, \$4700

Bond, none. Sureties, none. Forfeit,
none. Limit, none. Plans and specifi-
cations filed.

ALTERATIONS

(2660) SW APPLETON AND PATTEN.
Raise dwelling; concrete basement
and make general repairs.

Owner—M. O'Toole, 102 Appleton St.,
San Francisco.

Architect—R. R. Irvine, New Call
Bldg., San Francisco.

Day's work. \$1500

DWELLING

(2661) S DAY 155 E Sanchez. One-
story and basement frame dwlg.

Owner—C. Shoemacher, — San Jose
Ave., San Francisco.

Architect—G. Rascide, 1105 Nevada Bk.
Bldg., San Francisco.

Contractor—Wm. Demartini, 727 1/2 San
Jose Ave., San Francisco. \$4650

ALTERATIONS

(2662) NO. 821 GROVE. Excavate;
concrete foundation, etc., for
private garage alterations.

Owner—F. Moran, Premises,
Architect—None.
Contractor—Willis L. Gott, 683 3rd
Ave., San Francisco. \$1500

ADDITION
(2663) NO. 1037 MARKET. Construct addition to mezzanine floor.
Owner—G. Ichelson Mercantile Co. (The Bargain Spot), Federal Hotel Bldg., San Francisco.
Architect—None.
Contractor—Louis Kragen, 61 Golden Gate Ave., San Francisco. \$3000

HOTEL, ETC.

(2664) N. SUTTER 137-6 W. Taylor. Ten-story and basement reinforced concrete hotel and one-story and basement (6) stores.
Owner—George D. Smith, 735 Taylor St., San Francisco.
Architect—Kenneth Macdonald and Maurice C. Couchot, 234 Pine St., San Francisco.
Day's work. \$375.000

DWELLINGS

(2665) W. THIRTY-FOURTH AVE 150 and 155 N. Fulton. Two one-story and basement frame dwellings.
Owner—Hinkel Bros., 1220 Castro St., San Francisco.
Architect—None.
Day's work. \$3000 each

DWELLING

(2666) N. VIENNA 150 E. France. One story and basement frame dwlg.
Owner—E. Graziani, 617 Amazon Ave., San Francisco.
Architect—W. Graziani, 617 Amazon Ave., San Francisco.
Day's work. \$2000

FLATS

(2667) SE FRANKLIN AND CHESTnut S 27-6X E 100. All work for three-story frame building (2 flats)
Owner—Giovanni & Elena Buchigiani, 622 Washington St., S. F.
Architect—Albert F. Porta, 622 Washington St., San Francisco.
Contractor—John Harder, 870 39th Ave., San Francisco.
Filed July 3, '22. Dated June 27, '22.
Frame completed. \$2019
Ready for plaster. 2019
Completed and accepted. 2019
Usual 35 days. 2019
TOTAL COST, \$8075
Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

BUNGALOW

(2668) E. PLYMOUTH AVE 160 N Ocean Ave. being Lot 14 and Ptn Lot 13 Bk 2199, Westwood Park. All work for six room bungalow.
Owner—James Warnock, 134 Ralph St., San Francisco.
Architect—None.
Contractor—Mathew Warnock, 3939 Mission St., San Francisco.
Filed July 3, '22. Dated June 30, '22.
Owner to pay all bills when approved to amount of. \$4335
Usual 35 days, balance. 1445
TOTAL COST, \$5780
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

DWELLING

(2669) E. FORTIETH AVE 175 N. Fulton. One-story and basement frame dwelling.
Owner—J. McAndrews, 503 Lyon St., San Francisco.
Architect—None.
Day's work. \$3000

DWELLING

(2670) N. KIRKWOOD AVE 50 W Mendocino. One-story and basement frame dwelling.
Owner—Mary McCormick, 1540 Kirkwood Ave., San Francisco.
Architect—None.
Day's work. \$2750

ALTERATIONS

(2671) NO. 1060 MARKET. Remove fitting and stockrooms and remodel for larger quarters.

Owner—Golden Gate Cloak & Suit House, Premises.
Architect—None.
Contractor—Schneibly & Hostrawser, 6th and Jackson Sts., Oakland.
\$5028

DWELLING

(2672) N. ROLPH 97 W. Morse. One-story and basement frame dwlg.
Owner—G. F. Gastell.
Architect—None.
Contractor—R. M. Schaadt, 31 Howth St., San Francisco.
\$3900

REPAIRS

(2673) NO. 250 TWENTY-FIRST AVE. General repairs to dwelling; cement flooring; concrete foundation.
Owner—Mary Maass, Premises.
Architect—None.
Contractor—Geo. Caranzi, 420 17th Ave., San Francisco.
\$1000

DWELLING

(2674) E. THIRTY-SIXTH AVE 183 N Irving. One-story and basement frame dwelling.
Owner—C. E. Green, 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 299 Ralph St., San Francisco.
\$4000

DWELLING

(2675) W. TWENTY-SIXTH AVE 32-6 S Balboa. One-story and basement frame dwelling.
Owner—J. H. Reitz, 4121 18th St., San Francisco.
Architect—None.
Contractor—T. E. Mohler, 458 23rd Ave., San Francisco.
\$4000

REPAIRS

(2676) NO. 10 THIRD. Repair plaster; painting; plumbing, etc., for offices and stores.
Owner—Estate of Sam Jacobi, 315 Montgomery St., S. F.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco.
\$2000

OFFICES

(2677) N. MARKET bet. Sansome and Montgomery. Seven-story reinforced concrete stores and offices.
Owner—Provident Securities Co., Crocker Bldg., San Francisco.
Architect—Willis Polk & Co., 696 Howard Bldg., San Francisco.
Day's work. \$275.000

IRON WORK

(2678) SW BUSH AND SANSOME, 206-3 on Bush x 137-6 on W Sansome. Ornamental bronze and iron work for office building.
Owner—Standard Oil Co.
Architect—George W. Kelham, Supt. Lindgren Co, Sharon Bldg., San Francisco.
Contractor—Sartorius Co., 15th and Utah Sts., San Francisco.

Filed July 5, '22. Dated June 8, '22.
Monthly installments. 75%
Usual 35 days. 25%
TOTAL COST, \$30,760
Bond, \$15,380. Sureties, Fidelity & Deposit Co. Forfeit, none. Limit, Dec. 31, 1922. Plans and specifications filed.

MARBLE WORK

(2679) Interior marble work for above.
Contractor—American Marble & Mosaic Co., 25 Columbus Square, San Francisco.
Filed July 5, 1922. Dated May 29, 1922.
Monthly payments. 90%
Usual 35 days. 10%
TOTAL COST, \$49,409
Bond, \$49,409. Sureties, United States Fidelity & Guaranty Co. Forfeit, none. Limit, Dec. 31, 1922. Plans and specifications filed.

FLATS

(2680) E LAKE 52-6 W 27th Ave W 37-6X8 100. All work for two-story frame building (2 flats and garage).
Owner—F. Jacobson, 96 Sanchez St., San Francisco.
Architect—None.
Contractor—Charles Johnson.
Filed July 5, '22. Dated June 28, '22.
Roof completed. 1/4
Interior plaster done. 1/4
Completed and accepted. 1/4
Usual 35 days. 1/4
TOTAL COST, \$11,500
Bond, \$6000. Sureties, Chas. Anderson and Chas. Johnson. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

RESIDENCE

(2681) LOTS 12 AND 13 Resub. Bks 18 and 21 Ltn Bk 19 and Lots P. Q. R and S. St. Francis Wood Extension No. 2. Brick and tile, carpentry, plastering, electrical work, plumbing, sheet metal, glazing and iron work for frame residence.
Owner—Hart L. Weaver.
Architect—Henry H. Gutterston, 278 Post St., San Francisco.
Contractor—Taylor & Jackson, 290 Tehama St., San Francisco.
Filed July 5, '22. Dated June 30, '22.
Frame completed. \$4000
Enclosed and roof on. 1/4
Brown coated. 5000
Completed and accepted. 6218
Usual 35 days. 6406
TOTAL COST, \$25,624
Bond, none. Limit, 130 days. Forfeit, none. Plans and specifications filed.

BUILDING

(2682) E MASON 104-106 N Green N 23-12XV 137-6. All work except shades, lighting fixtures and finish hardware for two-story and basement frame building.
Owner—Mary & Agostino Barbagelata, 1733 Mason St., San Francisco.
Architect—Paul F. De Martini, 946 Broadway, San Francisco.
Contractor—G. Chlappe & L. Cappelletti, 454 Columbus Ave., S. F.
Filed July 5, '22. Dated June 17, '22.
Frame up. \$3370
Brown coated. 3370
Completed and accepted. 3370
Usual 35 days. 3388
TOTAL COST, \$13,498
Bond, \$6750. Sureties, E. Demartini & L. Segale. Limit, 90 days after June 22, 1922. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(2683) NO. 21-23 BUENA VISTA AVE. Alter present building into (2) flats: concrete floor in basement, etc.
Owner—Chas. Samuels, 454 Ebelan Bldg., San Francisco.
Architect—None.
Day's work. \$2500

FRAME FLATS

(2684) N. CARRILLO 90 E 26th Ave. Two-story and basement frame (2) flats.
Owner—Emma E. Carley, 2205 Anza St., San Francisco.
Architect—Nash St. San Francisco.
Contractor—E. Dahl, 840 Central Ave., San Francisco.
\$7000

BAKE OVEN, ETC.

(2685) NO. 215 CHURCH. Construct brick bake oven and chimney.
Owner—H. H. Pease and Gus Ulmer, 215 Church St., San Francisco.
Architect—L. M. Wiseman, 1951 Market St., San Francisco.
Contractor—Woerner & Old, 1265 Eddy St., San Francisco.
\$1600

FRAME FLATS

(2686) W. EIGHTH AVE 27 N Cabrillo Three two-story and basement frame flats (2 flats in each bldg.)

Owner—L. Becker and A. S. Katz, 261 Valencia St., San Francisco.
Architect—G. A. Herger, 261 Valencia St., San Francisco.
Day's work \$25,000

STOREROOM
(2687) S PERRY 200 W Fourth. One-story frame store room.
Owner—Frank J. Schuster, 717 Minna St., San Francisco.
Architect—None.
Day's work \$1200

DWELLING
(2688) S UTAH 150 N Twenty-fifth. One-story and basement frame dwelling.
Owner—Henry C. Roskamp, Charter Oak Ave., near Silver, S. F.
Architect—None.
Contractor—J. Michael and C. Bommer, Charter Oak Ave. near Silver, San Francisco. \$3900

FRAME FLATS
(2689) N UNION 37 W Taylor. Three-story and basement frame (3) flats.
Owner—E. Pochini, 989 Greenwich St., San Francisco.
Architect—P. De Martini, 946 Broadway, San Francisco.
Contractor—Luigi Raggio, 989 Greenwich St., S. F. \$18,000

ALTERATIONS
(2690) E FOLSOM 215 N 24th. Alterations for two-story frame flats.
Owner—O. Perroni, 2779 Folsom St., San Francisco.
Architect—Teo. W. Lenzen, 706 Humboldt Bank Bldg., San Francisco.
Contractor J. Fracchia & Co., 36 Cunningham Pl., San Francisco. \$4000

WORKSHOP
(2691) N O'FARRELL 127 E Divisadero. Workshop.
Owner—Riverdale Creamery, 1412 Divisadero St., San Francisco.
Architect—None.
Contractor—H. P. Hoyt, Menadnock Bldg., San Francisco. \$1000

APARTMENTS
(2692) SW MISSION AND CLARION Ave. Two-story and basement brick (4) stores and apartments.
Owner—H. Steffens, q Architect.
Architect—D. C. Coleman.
Contractor—Herman Ludwig, Mission and Clarion Ave., San Francisco. \$15,900

FRAME FLATS
(2693) NW CHURCH AND VALLEY N 30x W100. All work for three-story frame building (2 flats).
Owner—Edmond Graham, 1644 Church St., San Francisco.
Architect—W. H. Armitage, Call Bldg., San Francisco.
Contractor—Gustaf Heden, 224 Laidley St., San Francisco.
Filed July 6, 1922. Dated June 29, '22.
2nd story joists in place.....\$1300
Entire frame up.....1500
Brown coated.....3000
White coated.....1000
Completed and accepted.....2005
Usual 35 days.....2935
TOTAL COST, \$11,740
Bond, \$5879. Sureties, Carl E. Kjellberg. Limit, none. Forfeit, \$100. Plans and specifications filed.

FRAME BUILDING
(2694) W ELEVENTH AVE 250 N Anza N 25xW 120. All work for two-story and basement frame building.
Owner—Georgia and Roy Hoffman, 710 Balboa Bldg., San Francisco.
Architect—Paul F. De Martini, 946 Broadway, San Francisco.
Contractor—G. W. Urban, 23 Beniah St., San Francisco.

Filed July 6, '22. Dated June 29, '22.
Frame up.....\$2237.50
Brown coated.....2237.50
Completed and accepted.....2237.50
Usual 35 days.....2937.50
TOTAL COST, \$8950.00

Bond, \$1475. Sureties, Elba Saylor and Mrs. Albert Saylor, Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDING
(2695) S MERCHANT 68-9 E Kearny E 28-9 S 40 W 28-9 N to beginning. All work for a two-story and basement concrete building.
Owner—August R. Oliva and Elmer J. Esperance, 1463 Clay St., San Francisco.

Architect—C. O. Clausen, Hearst Bldg., Sutter St., San Francisco.
Contractor—Vukicevich & Bagge, 110 Sutter St., San Francisco.
Filed July 6, 1922. Dated June 28, 1922.
Roof on.....\$2875
Completed and accepted.....2009
Usual 35 days.....1650
TOTAL COST, \$6525
Bond, none. Sureties, none. Forfeit, \$55 day. Limit, 100 days. Plans and specifications filed

ALTERATIONS
(2696) FOURTH AND MARKET. Alterations and fixture work in store in Pacific Building.
Owner—Scholtz Mutual Drug Co.
Architect—None.
Contractor—Louis Kragen, 61 Golden Gate Ave., San Francisco.
Filed July 6, 1922. Dated May 9, 1922.
July 1, 1922.....\$5000
Balance when work is installed.
TOTAL COST, \$11,263
Bond, none. Sureties, none. Forfeit, none. Limit, 100 days. Plans and specifications not filed.

STORE BLDG.
(2697) S GARY 133-4 E 23rd E 26-8 x S 100. All work for a one-story store frame building.
Owner—May A. and R. W. Landon, 190 Divisadero St., San Francisco.
Architect—None.
Contractor—Sandberg & Essmann, 501 4th St., San Francisco.
Filed July 6, 1922. Dated July 6, 1922.
Frame up.....\$1594.75
Rough plumbing in and brown coated.....1594.75
Completed and accepted.....1594.75
Usual 35 days.....1594.75
TOTAL COST, \$6379.00
Bond, none. Sureties, none. Forfeit, none. Limit, 90 days. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded	Accepted
July 6, 1922—E DE HARO 200 N 22nd N 100x E 100. California Synodical Society of Home Missions to Taylor & Jackson.....June 10, 1922	
July 6, 1922—NE MARKET AND Taylor. MacDonald & Kahn, Agts. for Loew's Warfield Bldg., to California Artistic Metal & Wire Co.....June 28, 1922	
July 6, 1922—S FORD 175 W Sanchez 25x114. Wallace J. Smale to whom it may concern.....July 6, 1922	
July 6, 1922—S CALIFORNIA 82-6 E Twenty-first Ave E 25xS 100. August and Adrian Peterson to whom it may concern.....July 6, 1922	
July 6, 1922—E ELEVENTH AVE 127 N Cabrillo 25x120. Gustav Peterson to Gustav Peterson.....July 6, 1922	
July 6, 1922—NW PINE & MONTGOMERY N 125xW 138-6. Commercial Union Assurance Co, Ltd and The California Insurance Co to Otis Elevator Co.....June 26, 1922	

July 6, 1922—S CALIFORNIA 82-6 W 20th Ave W 25xS 100. Arvid Peterson to whom it may concern.....July 6, 1922	
July 6, 1922—S CALIFORNIA 57-6 E 21st Ave E 25xS 100. August Magnuson and Adrian Peterson to whom it may concern.....July 5, 1922	
July 8, 1922—LOT 10 FLK 3111. Lot 11 FLK 3110. Westwood Park. Hans and wife Esther E Nelson to whom it may concern.....June 30, 1922	
July 5, 1922—LOT 6 L LK 3, St. Francis Wood. Ernest A. Dickson to Samuel Schell.....June 29, 1922	
July 5, 1922—W SEVENTEENTH AV 150 N Fulton 25x120. Martha Jacecke to Chas J L Koenig.....July 1, 1922	
July 5, 1922—E TWENTY-SECOND AVE 110 S Cabrillo S 25x E 120. Albin Warden to whom it may concern.....July 5, 1922	
July 5, 1922—SW CHENERY AND Miguel. Frank Tate to Henry Erickson.....June 30, 1922	
July 5, 1922—LOT 16 BLK 2978. Meritt T. French. George N. Brown to J. Frank Brown.....June 29, 1922	
July 1, 1922—LOT 41 Lyon & Hoag's Sub. Lincoln Manor. Alton R. Lapham to whom it may concern.....June 30, 1922	
July 1, 1922—LOT 45 Lyon & Hoag's Sub Lincoln Manor. Alto R Lapham to whom it may concern.....June 30, 1922	
July 1, 1922—E THIRTY-SIXTH AVE 245 and 215 N Fulton 25x120. Charles E. Green to James Arnott & Son.....June 23, 1922	
July 1, 1922—NW TWENTY-SECOND Ave and Colidio. H. Wissman to Meyer Bros.....June 30, 1922	
July 1, 1922—SW LARKIN & Willow Ave. Mrs. R C Tucker to John Morton.....June 28, 1922	
July 1, 1922—E EIGHTEENTH AVE 160 N Anza. John S. Furedi to whom it may concern.....June 30, 1922	
June 30, 1922—NW TWENTY-SIXTH and Fair Oaks 190 on 26th and 60 on 26th Oaks. Mary C. Reilly to S A Chase.....June 24, 1922	
June 30, 1922—E SECOND AVE 225 S Clement S 25x E 120. Harry and Eugene Paiva to J H Thorup.....June 17, 1922	
June 30, 1922—W FIFTEENTH AVE 125 N Fulton N 25xW 127-6. John F. Ahern to Emil Nelson.....June 21, 1922	
June 26, 1922—LOT 4 BLK 3252. Balboa Terrace except N 15 ft. thereof. L. K. Siversen and Ragna Siversen to whom it may concern.....June 22, 1922	
June 29, 1922—S NATOMA 125 W 7th 25x75. T W Cooper, Inc. to whom it may concern.....June 21, 1922	

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
July 6, 1922—NO. 141 HENRY. W J Lamar vs Mrs. Mike Page.....\$104.50	
July 6, 1922—COM. ON SCOTT 32-6 S Waller th running on Scott S 25xW 116-2. Inbild Floor Co vs Mrs. K. McDermott.....\$223	
July 5, 1922—NW MARKET 61-3 NE Hayes NE 50xNW 100. Builders Supply Depot vs Wm Zeilemaker, G P Allcutt and H O Dalbey.....\$42.83	
July 5, 1922—E VALENCIA 235 N 20th N 50x E 80. Globe Sheet Metal Mfg Co Inc vs Paul Marty and Geo A Bos.....\$367.50	
July 1, 1922—N RICHMOND AVE 350 W Murry W 50xN 100. H S Thomson vs M Olson and Sarah Olson.....\$408.25	
July 1, 1922—W CHENERY 32x-9 S Fairmount S 25-5x N 103 N 27-36 E 127-4. H S Thomson vs C C Portlock.....\$115.73	

July 1, 1922—NW COR. frame bldg. known as S. P. Coach Shop, 20 E Kentucky and 260 S of intersection E Kentucky with SW Fourth S along W line said building, 109 E 60 N 109 W 60 to beg. M Bertolino vs Southern Pacific R R Co and O E Evans & Co and O E Evans, \$125
June 30, 1922—LOT 3 BLK 3112, Westwood Park Palace Hardware Co vs Clarence B. Bean and Mary L. Bean, \$113.11
June 30, 1922—E STANYAN 25 N Rivoli N 25E 100, NE Genessee and Jost Ave N 50E 100 Christenson Lumber Co vs H L Walkup and Helen F Walkup, \$1240.65

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

July 6, 1922—SW TURK & TAYLOR (Grand Hotel), No. 19 Taylor St. Alexander W. Wilson and as Trustee, etc., as to improvements on property

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

June 30, 1922—S O'LEARY 133-4 E 23rd Ave E 26-8X8 100, May A and R W Landon with Sandberg & Essman...

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am't.
2910	Taggart	Cardey	2500
2941	Kurber	McKenzie	7000
2942	Chase	Butterfield	8000
2943	Sigma Phi	Thorsen	1655
2944	Wright	Owner	2000
2945	Houch	Owner	5000
2946	Eheffel	Taylor	2000
2947	Johnston	Gede	5000
2948	Fife	Digelow	5000
2949	Bayless	Farnham	1000
2950	Jackson	Field	3900
2951	Anderson	Vinge	3500
2952	Morton	Stolte	1300
2953	Graham	Owner	2500
2954	Coppage	Thaxter	5000
2955	Swartzbaum	Doss	10000
2956	Clark	Swanson	—
2957	Lippow	Owner	17000
2958	Bankhead	Owner	2000
2959	Saletzke	Barnett	6000
2960	Levensaler	Tranham	13050
2961	S. P. Co.	Shrader	—
2962	Smyth	Owner	6500
2963	Kessler	Walnut	1500
2964	Pollard	Owner	3250
2965	Hadley	Owner	2800
2966	Antisepto	Diggs	7500
2967	Valliere	Wenk	2500
2968	Julia	Johnson	5500
2969	Smith	Owner	1450
2970	Kelly	Larmer	6100
2971	De Camp	Charleston	10000
2972	Chevrolet	Owner	2000
2973	Collins	Owner	3000
2974	Bohnert	St. P. Oven	1250
2975	Bradley	Barr	4000
2976	Rizo	Owner	15000
2977	Quayle	Burritt	7500
2978	Turner	Servod	3800
2979	Willis	Bunney	2500
2980	Mally	Sydes	3850
2981	Kelly	Wieben	3750
2982	Fraser	Owner	7900
2983	Cherry	Irish	4117
2984	Larsen	Clausen	4650
2985	Chinkenbeard	Owner	3000
2986	Healy	Owner	3000
2987	Jones	Evans	6000
2988	Orisk	Owner	8000
2989	Berkley	Scott	590
2990	Same	Nelsby	10050
2991	Crutts	Oliva	4400

DWELLING
(2940) NO. 2327 BONAR ST., Berkeley.
One-story 5-room dwelling.
Owner—C. E. Taggart.
Architect—None.
Contractor—C. H. Cardey, 2339 Brown-
ing, Berkeley. \$2500

STORE
(2941) NO. 1789-91-93-95 SOLANO.
Berkeley. One-story 4-room dwlg.
Owner—Fred H. Kurber, 2649 Ashby
Ave., Berkeley.
Architect—None.
Contractor—K. H. McKenzie, 1025 Anza
St., San Francisco. \$7000

GARAGE
(2942) NO. 1516-18 SHATTUCK AVE.,
Berkeley. One-story tile garage.
Owner—T. D. Chase, 1901 Bonita St.,
Berkeley.
Architect—None.
Contractor—F. P. Butterfield, 2488
Shattuck Ave., Berkeley. \$8000

ADDITION
(2943) NO. 2312 WARRING ST., Ber-
keley. Addition.
Owner—Sigma Phi Sigma Fraternity.
Premises.
Architect—None.
Contractor—E. R. Toensen and F. D.
Bradshaw, 2012 Ashby Ave., Ber-
keley. \$1650

DWELLING
(2944) SE COR CHAMPION and Har-
old, Oakland. One-story 4-room
dwelling.

Owner—Della M. Wright, 1605 6th
Ave., Oakland.
Architect—None.
Day's work. \$2000

DWELLING
(2945) W EVERETT AVE 150 E Park
Blvd., Oakland. One-story 5-rm.
dwelling.

Owner—H. L. Houch, 4445 Evans Ave.,
Oakland.
Architect—None.
Day's Work. \$5000

ALTERATIONS
(2946) E TWENTY-THIRD ST., Oak-
land. Alterations and additions.

Owner—Miss M. Eheffel, premises.
Architect—None.
Contractor—E. P. Taylor, 1719 99th
Ave., Oakland. \$2000

DWELLING
(2947) E LEACH AVE 110 N Welling-
ton, Oakland. One-story 6-room
dwelling.

Owner—R. B. Johnston, Maryland
Apartments, Oakland.
Architect—None.
Contractor—Gede & Randall, 471 Moss
Ave., Oakland. \$5000

DWELLING
(2948) W MONTE CRISTO NE Kelton
Court, Oakland. Two-story 7-rm.
dwelling.

Owner—Nethi Fife.
Architect—None.
Contractor—W. S. Bigelow, 821 13th
St., Oakland. \$5000

2 DWELLINGS
(2949) W PARKER 109 and 140 S
Hillside, Oakland. Two one-story
4-room dwellings.

Owner—W. A. Bayless, 831 Kennedy
St., Oakland.
Architect—None.
Contractor—G. H. Farnham, 1045
23rd Ave., Oakland. \$500 each

DWELLING
(2950) S ROCK RIDGE BLVD 300 E
Rock Place, Oakland. One-story
5-room dwelling.
Owner—Mrs. Ruth Jackson, Oakland.
Architect—None.

Contractor—E. Field, 618 1st Savings
Bank Bldg., Oakland. \$3900

DWELLING
(2951) N SEQUOIA 80 E Glen Court,
Oakland. One-story 5-room dwlg.
Owner—A. G. Anderson, 71 Echo Ave.,
Oakland.
Architect—None.
Contractor—A. Vinge, 71 Echo Ave.,
Oakland. \$3500

ALTERATIONS
(2952) NO. 2227 SEVENTH AVE., Oak-
land. Alterations.
Owner—H. Morton, 405 Van Buren St.,
Oakland.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna
Ave., Oakland. \$1300

DWELLING
(2953) E SIXTY-FIRST AVE 160 S
Braun, Oakland. One-story 5-room
dwelling.
Owner—Lewis Graham, 2442 23rd Ave.,
Oakland.
Architect—None.
Day's work. \$2500

STORES
(2954) NW THIRTY-EIGHTH AND
Telegraph Ave., Oakland. One-
story stores.

Owner—Mary S. Coppage, Premises.
Architect—None.
Contractor—F. W. Thaxter, 2117 Derby
St., Berkeley. \$5000

DWELLING
(2955) W STATEN AVE 195 S Palm.
Oakland. Two-story 8-room dwlg.
Owner—Mrs. E. Swartzbaum, 415 Eu-
clid Ave., Oakland.
Architect—Claude B. Barton, 364 Staten
Ave., Oakland.

Contractor—C. A. Doss, 2028 E-15th
St., Oakland. \$10,000

DWELLING
(2956) E WILDWOOD AVE 100 N
Grand being Lot 20 Blk "B" Map
Grand Ave. Heights (By-the-
Parks) Oakland. All work for
one-story frame dwelling.

Owner—Wm. D. and Cattie Clark, 619
Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco.

Contractor—E. Swanson and L. V. Rid-
gle, 180 Jessie St., S. F.
Filed June 30, '22. Dated May 18, '22.

Bills paid weekly. TOTAL COST plus 7 1/2%
Bond, none. Limit, 70 days. Forfeit,
none. Plans and specifications filed.

GARAGE
(2957) NW FIFTEENTH AND GROVE
Sts., Oakland. One-story brick
garage.

Owner—Lippow & Knott, 190 Clinton
Ave., Alameda.
Architect—None.
Day's work. \$17,900

DWELLING
(2958) N LOOKOUT AVE 98 W 72nd
Ave., Oakland. One-story 4-room
dwelling.

Owner—A. S. Bankhead, Tracy, Cal.
Architect—None.
Day's work. \$2000

DWELLING
(2959) E 17-ACRE TRACT conveyed
by Lizzie McCarthy to A. S. Weaver
and J. E. Faustina deed recorded
Liber. 2788, Deeds Page 284; 463.49

SE COUNTY ROAD 1512 or Dutton Ave
SE 50x5W 201.01, San Leandro. All
work for one-story 6-room dwelling
and garage.

Owner—Caroline A. & John A. Saletzke,
Oakland.
Architect—None.
Contractor—F. L. Burnett, 715 Alieen
St., Oakland.

Filed July 1, '22. Dated June 29, '22.

Frame up 1/4
 Ready for plaster 1/4
 Standing finish on 1/4
 Completed 1/4
 TOTAL COST, \$6000
 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING

(2960) 1/2N LOTS 46 AND 47, Crocker Highlands, Oakland. All work for two-story and basement frame dwelling and garage.

Owner—C. Levensaler, Oakland.
 Architect—H. H. Gutterston, 278 Post St., San Francisco.
 Contractor—Tranmal & Bradhoff, 911 55th St., Oakland.

Filed July 1, '22. Dated June 29, '22.
 Frame up 1/4
 Brown coated 1/4
 Completed and accepted 1/4
 Usual 45 days 1/4
 TOTAL COST, \$13,050

Bond, none. Limit, 100 days. Forfeit, \$3. Plans and specifications filed.

ALTERATIONS

(2961) 1916 FRANKLIN ST. Alterations.

Owner—Southern Pacific Co.
 Architect—None.
 Contractor—J. F. Shrader, 520 16th St., Oakland.

DWELLING

(2962) W HIGH ST 100 N PORTER, Oakland. Two-story 10-rm. dwelling.

Owner—Rev. John P. Smyth, 4260 Porter, Oakland.
 Architect—None.
 Day's work \$6500

ALTERATIONS

(2963) 1727 TELEGRAPH AVE., Oakland. Alterations.

Owner—I. Kessler, premises.
 Architect—None.
 Contractor—A. J. Walmuth, 920 Jefferson St., Oakland.

DWELLING

(2964) NO. 969 CONTRA COSTA ST., Berkeley. One-story 6-room dwlg.

Owner—A. J. Pollard, 17 Plaza Drive, Berkeley.
 Architect—None.
 Day's work \$3250

DWELLING

(2965) NO. 1708 CALIFORNIA ST., Berkeley. One-story 6-room dwlg.

Owner—B. O. Hadley, 1632 Virginia St., Berkeley.
 Architect—None.
 Day's work \$2800

ADDITION

(2966) W BROADWAY 100 N 40th St., Oakland. One-story brick addition.

Owner—Antieptic Laundry Co., 3360 Manila Ave., Oakland.
 Architect—None.
 Contractor—M. I. Diggs, Easton Bldg., Oakland.

DWELLING

(2967) N E-NINTH 200 E 28th Ave., Oakland. One-story 5-room dwlg.

Owner—A. Vallieri.
 Architect—None.
 Contractor—R. Wenk, 5831 Agua Vista Ave., Oakland.

DWELLING

(2968) W GREENWOOD AVE 50 N Hampel, Oakland. One-story six-room dwelling.

Owner—B. A. Ovin, 4191 Greenwood Ave., Oakland.
 Architect—None.
 Contractor—S. Johnson, 4652 Dolores Ave., Oakland.

ADDITION

(2969) NO. 2351 NINETY-EIGHTH AVE., Oakland. Addition.

Owner—E. M. Smith.

Architect—None.

Day's work \$1150

STORES

(2970) NE PIEDMONT AND MONTE Vista, Oakland. One-story 3-room stores.

Owner—J. Kelly.
 Architect—None.
 Contractor—Edw. Larmer, 30 Fairview Ave., Alameda.

FLATS

(2971) S SIXTY-FIRST 100 E Grove, Oakland. Two-story building (4) flats.

Owner—Helene E. De Camp, 1760 62nd St., Oakland.
 Architect—None.
 Contractor—C. B. Charleston, 5627 Genoa, Oakland.

ALTERATIONS

(2972) SEVENTY-SECOND AVE. AND Hillside, Oakland. Alterations.

Owner—Chevrolet Motor Co.
 Architect—None.
 Day's work \$2000

DWELLING

(2973) W SIXTY-SECOND AVE 85 S Bromley, Oakland. One-story five-room dwelling.

Owner—Mrs. Lillian A. Collins, Ninth and Willow Sts., Oakland.
 Architect—None.
 Contractor—J. M. Owen, 523 61st St., Oakland.

BAKE OVEN

(2974) NO. 3431 TELEGRAPH AVE., Oakland. Bake oven.

Owner—Wm. Bohnet.
 Architect—None.
 Contractor—S. F. Oven Co., San Francisco.

ALTERATIONS

(2975) NO. 528 THIRTIETH ST., Oakland. Alterations.

Owner—A. J. Bradley, 524 30th St., Oakland.
 Architect—None.
 Contractor—Barr & Son, 306 26th St., Oakland.

APARTMENTS

(2976) E GROVE 47 1/2 S 41st St., Oakland. Two-story 16-room apartments and stores.

Owner—N. Kizzo, 1132 7th St., Oakland.
 Architect—None.
 Day's work \$15,000

DWELLING

(2977) LOTS 1 AND 2 BLK "D" Map Maxwell Park, Oakland. All work for one and one-half-story 9-room dwelling and garage.

Owner—Charles Quayle, 2188 Rosedale St., Oakland.
 Architect—Globe & Field, 1st Svgs. Bank Bldg., Oakland.
 Contractor—Burritt & Shealey, 2757 Post Ave., Oakland.

Filed July 5, '22. Dated June 28, '22.
 Frame up 1/4
 Brown coated 1/4
 Completed and accepted 1/4
 Usual 35 days 1/4
 TOTAL COST, \$7600

Bond, none. Limit, 60 days after July 1. Forfeit, none. Plans and specifications filed.

STORES

(2978) N ALCATRAZ AVE 60 E Edie E 30xN 75-3, Oakland. One-story frame stores.

Owner—Harriet C. Turner, Los Gatos.
 Architect—None.
 Contractor—Chester Norwood and George Vernon Harris, 5912 Ayala St., Oakland.

Filed July 5, '22. Dated June 12, '22.
 Ready for lath \$1000
 Interior plastered 1000

Completed and accepted 1000
 20 days after 800
 TOTAL COST, \$3800
 Bond, none. Limit, 30 days. Forfeit, \$10. Plans and specifications filed.

DWELLING

(2979) NO. 2616-A CHANNING, Berkeley. One-story 5-room dwelling.

Owner—Mrs. E. R. Willis, 2616 Channing, Berkeley.
 Architect—Shep. Avenil, Vallejo, Calif.
 Contractor—Alex Bunney, Grass Valley, Calif.

DWELLING

(2980) NO. 2146 BUENA VISTA, Alameda. One-story 5-room dwlg.

Owner—Fred Mally, San Jose Ave., Alameda.
 Architect—None.
 Contractor—E. C. Sydes, 3343 Laguna Ave., Oakland.

DWELLING

(2981) NO. 2625 EAGLE AVE., Alameda. One-story 5-room dwlg.

Owner—E. Kelly, 2625 Buena Vista Ave., Alameda.
 Architect—None.
 Contractor—Alex C. Wiene, 839 Rosemount Road, Oakland.

DWELLING

(2982) NO. 1610 LINCOLN AVE., Alameda. One and one-half-story dwelling.

Owner—O. R. Fraser, 1422 Cottage St., Alameda.
 Architect—None.
 Day's work \$3000

DWELLING

(2983) NO. 1816 WEBSTER ST., Alameda. One-story 6-room dwlg.

Owner—L. Cherry, 1824 Webster St., Alameda.
 Architect—None.
 Contractor—H. E. Irish, 2535 55th Ave., Oakland.

DWELLING

(2984) W COLE 130 S Trask, Oakland. One-story 6-room dwelling.

Owner—R. K. Larsen, 2830 E-14th St., Oakland.
 Architect—None.
 Contractor—Fred Clausen, 1508 28th Ave., Oakland.

DWELLING

(2985) E GROVE 75 N Forty-second, Oakland. One-story 5-room dwlg.

Owner—J. A. Clinkenbeard, 2709 Grove St., Oakland.
 Architect—None.
 Day's work \$3000

DWELLING

(2986) E RAWSON AVE 200 S Lyon, Oakland. One-story 5-room dwlg.

Owner—P. J. Healy, 39 Nace Ave., Piedmont.
 Architect—None.
 Day's work \$3000

DWELLING

(2987) W SIXTY-SEVENTH AVE 32 N Flora, Oakland. One-story six-room dwelling.

Owner—W. A. Jones, 2208 San Pablo Ave., Oakland.
 Architect—None.
 Contractor—Chas. W. Evens, 680 22nd St., Oakland.

DWELLING

(2988) E SEMINARY AVE 100 N Seaside, Oakland. One-story 4-room dwelling.

Owner—A. E. Orton, 3336 68th Ave., Oakland.
 Architect—None.
 Day's work \$3000

HEATING SYSTEM

(2989) SE UNIVERSITY AVE AND Sixth St., Berkeley. Heating system for frame addition.

Owner—The Berkeley Dispensary, Berkeley.

Architect—James W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—Scott T., 381 11th St., Oakland.
Filed July 5, '22. Dated June 29, '22.
On 1st and 15th of each month 75%
Usual 55 days.
TOTAL COST, \$550
Bond, none. Limit, as soon as possible.
Forfeit, none. Plans and specifications filed.

(2999) GENERAL WORK, EXCEPT heating, electric fixtures and shades on above.
Contractor—H. P. Nelson, 1947 Blake St., Berkeley.
Filed July 5, '22. Dated June 29, '22.
Payments same as above.
TOTAL COST, \$3,650
Bond, none. Limit, as soon as possible.
Forfeit, none. Plans and specifications filed.

BUILDING

(2891) E BROADWAY 210 S Washington S 10NE 140-2, Alameda.
Work not given.
Owner—Gennedetto Cerruti, Alameda.
Architect—None.
Contractor—J. P. Silva, 870 46th St., Oakland.
Filed July 6, '22. Dated June 21, '22.
Enclosed 4
Brown coated 4
Completed and accepted 4
Usual 55 days 4
TOTAL COST, \$3400
Bond, none. Limit, 50 days. Forfeit, plans and specifications, none.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
July 6, 1922—LOTS 12 AND 13 Map 1 Eschda Ptn Blks G and H, Bella Vista Park, Oakland. Clarence K. Nichols to whom it may concern July 5, 1922
July 6, 1922—SE PERALTA AVE AND SW Brookdale Ave SW 45XSE 90, Oakland. August & Mary Vlerick to whom it may concern July 5, 1922
July 6, 1922—LOT 13, Crocker Highlands, Oakland. M. J. Samuels to H. P. Nelson June 29, 1922
July 6, 1922—NE BENTON AND Encinal Ave E 50XN 100, Alameda. Charles L. Porep to Joseph Rockingham July 6, 1922
July 6, 1922—PTN PLOT F, Undivided Mountain or Hill Land V & D Peralta, Oakland. Pacific Gas & Electric Co. to Hermano Bosch July 5, 1922
July 6, 1922—W TAFE AVE 37.26 W Broadway W 106X 106, Oakland. Barry Bldg Co. to whom it may concern June 28, 1922
July 6, 1922—LOT 6 BLK 2, Map Boulevard Park, Oakland. A. E. Elliott to Jas E. Petersen July 5, 1922
July 5, 1922—S RUSSELL 58.92 E Baker W 25 S 11.04 E 35 N 110, Berkeley. Chas. Rollar to Rollar & Stone July 3, 1922
July 5, 1922—LOT 8 BLK "U" Central Piedmont Tract No. 4, Oakland. E. L. Gallin to M. E. Hopper & Son July 17, 1922
July 5, 1922—LOT 34 Map Anita L. Stanton Tract, Eden Tp., M. R. Murphy to whom it may concern July 1, 1922
July 3, 1922—LOT 17 Piedmont H. I. Tract, Piedmont W. D. Ford to whom it may concern July 3, 1922
July 3, 1922—NO 3524-24 KINGSLEY St., Oakland. Hylda Davis to J. R. Langley July 3, 1922
July 5, 1922—W GILMANWAY 175.5 S 21ST NE 30XNW 100, Oakland. H. Whithead to W. G. McIlvitt & Sons July 1, 1922

July 3, 1922—LOT 40 BLK 3, Map Rock Ridge Place, Oakland. Olga Berg to whom it may concern July 1, 1922
July 1, 1922—W 27 LOT 13 BLK "D" Map Mastie Park, Alameda. H. Kieber to Frank H. Baum July 1, 1922
July 1, 1922—LOT 12 and NE 10 Lot 13 BLK 3, Map East Oakland Heights, Oakland. W. E. McChesney to whom it may concern June 30, '22
June 30, 1922—(1) W CALIFORNIA 138.53 N Cedar N 40XW 117.7; (2) W California 178.53 N Cedar N 40X W 117.7, Berkeley. Moneta Investment Co. to Meracle & Burney June 15, 1922
June 30, 1922—NO. 4400 EDGEWOOD Ave., Oakland. Katherine Houck to H. L. Houck June 29, 1922
June 30, 1922—W CARMEL AVE 44 N Oakland Ave W 122XN 43, Piedmont. Enterprise Hall Ass'n. to E. G. Bangs and R. C. Ogden June 29, 1922
June 30, 1922—SEVENTH & CEDAR, 21st and Telegraph Ave., 21st and San Pablo, Oakland. Southern Pacific Co. to Hutchinson Co. June 26, 1922
June 30, 1922—SEVENTH & BROADWAY, 21st and Broadway, 20th and Telegraph and 21st bet. San Pablo and Curtis St., Oakland. Southern Pacific Co. to Hutchinson Co. June 26, 1922

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded	Amount
July 1, 1922—SW SAN PABLO AVE 50 SE 45th SE 25XSW 120, Oakland. John P. Maxwell to Chas. P. Fink and A. T. Hendricks \$116.88	
July 1, 1922—W SAN PABLO AVE 50 S 45th SE 25XSW 120, Oakland. Hogan Lumber & Mill Co. to A. T. Hendricks et al. \$125.69	

Notice of Non-Responsibility

ALAMEDA COUNTY

July 3, 1922—NE CHANNING WAY and Telegraph Ave., Berkeley. Lucy Alice Helen Senger as to improvements on property

OAKLAND BUILDING TOTALS FOR JUNE, 1922

Classification	No. of Buildings	Permits	Costs
1-story dwellings	242		\$ 676,934
1-st 2-family dwelling	2		11,000
1-st dwellings & stores	3		11,315
1½-story dwellings	9		48,860
2-story dwellings	26		126,313
2-st dwellings & stores	3		12,385
2-story flats	4		38,000
2-st flats & stores	1		5,501
2-story apartments	4		55,000
2-st apmts & stores	3		38,925
3-story apartments	2		68,000
3-st apmts & stores	1		38,000
1-story stores	10		39,060
1-story offices	5		3,950
1-story greenhouse	2		875
1-story church	1		1,290
1-story factory	3		8,150
1-story foundry	1		2,000
1-story chemistry bldg.	1		15,000
2-story shop	1		600
2-story barn	1		2,500
1-story tile garage	1		500
1-st tile service station	1		300
1-st tile garage & stores	1		15,000
1-st concrete dwelling	1		3,200
2-story concrete school	1		518,560
1-st concrete factory	1		9,000
1-st concrete garages	2		425
3-st concrete office bldg	1		375,000
1-story concrete church	1		69,993
1-story concrete add'n	1		200

2-story brick & concrete stores & lofts	1	60,000
3-st brk & conc creamery	1	62,000
17-st bank & office bldg	1	750,000
2-story brick stable	1	6,000
2-st brk apmts & stores	1	31,000
3-story brick apmts	1	70,000
1-st steel service station	3	6,800
1-story steel lavatory	3	2,700
steel refuse burner	1	2,400
Electric signs	1	3,175
Garages & sheds	199	37,373
Additions	103	86,893
Alterations & repairs	121	62,960

Total 772 \$3,381,045

SUMMARY

New construction	652	\$3,318,085
Alterations & repairs	121	62,960
Total	773	\$3,381,045

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2,500 and Over Reported

PRIVATE GARAGE, \$2500; NO. 807 M St., Sacramento; owner, Hannah Wright, 1016 40th St., Sacramento; contractor, Wm. Theilbahr, Motor Rt., Box 155, Sacramento.
DWELLING, one-story 5-room and garage, \$3600; NO. 1825 45th St., Sacramento; owner, A. Small, 1871 45th St., Sacramento; day's work.
DWELLING, one-story 5-room and garage, \$4000; NO. 900 Santa Ynez St., Sacramento; owner, J. I. Prugh, 1932 37th St., Sacramento; contractor, J. P. Howell, 1837 47th St., Sacramento.
DWELLING, one-story 5-room and garage, \$2800; NO. 3526 Folsom St., Sacramento; owner, C. Valine, Box 370, Sacramento; day's work.
BUILDING, \$4508; Lot 1574 W & K Tct 24, Sacramento; owner, Mrs. Harry W. Robertson, Sacramento; contractor, Mrs. Chas. F. Waymire, Sacramento. Dated June 23, 1922; recorded June 28, 1922.
REMODEL into 3 apts., 3 rms. each, \$2500; 1408 P St., Sacramento; owner, P. J. Martin, 1311 P St., Sacramento; contractor, B. N. Bell, 3252 Marshall Way, Sacramento.
DWELLING 1-sto., 5-rm., and garage, \$3150; 2180 36th St., Sacramento; owner, R. Reed, 1207 P St., Sacramento; contractor, E. L. Bell, 3252 Marshall Way, Sacramento.
DWELLING, 1-sto., 5-rm., and garage, \$4500; owner, A. L. Greenlaw; contractor, E. E. Rooney, 2220 D St., Sacramento.
REPAIRS, \$10,000; 703-5 J St., Sacramento; owner, Seis & Cutro Cos., Farmers & Merchants Bank Bldg., Sacramento; contractor, Thos. B. Hunt, 2926 S St., Sacramento.
DWELLING, 1-sto., 6-rm., and garage, \$3000; 316 27th St., Sacramento; owner, W. W. Averill, 1319 X St., Sacramento; day's work.
GENERAL REPAIRS, \$2,475; 2473 Donner Way, Sacramento; owner, R. Johnson, 3056 6th Ave., Sacramento; day's work.
MOVE and set up dwelling, \$3000; NO. 2465 Donner Way, Sacramento; owner, R. Johnson, 3056 6th Ave., Sacramento; day's work.
DWELLING, one-story 4-rm., \$2800; NO. 1240 32nd St., Sacramento; owner, A. W. Casselman, 2336 32nd St., Sacramento; day's work.
BUSINESS BLDG., \$5000; 1116-22 4th St., Sacramento; owner, St. George Hotel Co., 1007 1/2 4th St., Sacramento; contractor, Frank Lobbs, 618 K St., Sacramento.
DWELLING, 1-sto., 5-rms. and garage, \$2950; 1572 43rd St., Sacramento; owner, Wright & Kimbrough, 917 J St., Sacramento; day's work.
DWELLING, 1-sto., 5-rm., and garage, \$2950; 1041 47th St., Sacramento; owner, Wright & Kimbrough, 917 J St., Sacramento; day's work.

DWELLING, one-story 5-room, \$3500; No. 2218 G St., Sacramento; owner, A. Hanley, North Sacramento, contractor, Paul R. Opydyke, Route 1, Box 60-A, Sacramento.

REMODEL BUILDING, \$2610; No. 615 19th St., Sacramento; owner, T. Waterland, 616½ 19th St., Sacramento; day's work.

DWELLING, one-story and garage, \$4200; No. 3609 F St., Sacramento; owner, A. B. Mills, 3311 G St., Sacramento; contractor, Paul R. Opydyke, Route 1 Box 60-A, Sacramento.

DWELLING, one-story 5-room and garage, \$2500; No. 1193 33rd St., Sacramento; owner, Ed. M. Brown, 1400 34th St., Sacramento; contractor, A. W. Norris, 204 Peoples Bank Bldg., Sacramento.

DWELLING, one-story 6-room stucco dwelling and garage, \$5600; No. 1135 39th St., Sacramento; owner, Mrs. Flora C. Harvey, 2005 F St., Sacramento; contractor, A. W. Norris, 204 Peoples Bank Bldg., Sacramento.

REMODEL and general repairs on laundry, \$14,000; No. 2331 3rd St., Sacramento; owner, Modern Laundry, Premises; day's work.

DWELLING, one-story 5-room and woodshed, \$2750; No. 3336 6th Ave., Sacramento; owner, B. O. Tiesson, Premises; contractor, E. D. Brier, 813 J St., Sacramento.

DWELLING, one-story 5-room and garage, \$4200; No. 1316 33rd St., Sacramento; owner, Mr. and Mrs. Garrett Lynch, 3226 M St., Sacramento; contractor, J. W. Hoopes, 5126 11th Ave., Sacramento.

DWELLING, one-story 4-room and woodshed, \$2750; No. 1330 W St., Sacramento; owner, Mary H. Louis, 321 18th St., Sacramento; contractor, E. D. Brier, 813 J St., Sacramento.

DWELLING, one and one-half-story 5-room dwelling and garage, \$5000; No. 1318 40th St., Sacramento; owner, W. F. Stoumb, 2311 I St., Sacramento; contractor, W. L. Chatterton, 1032 42nd St., Sacramento.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

\$2500 and Over Reported

RESIDENCE and garage, \$4200; W. Walnut St., Stockton; owner, Geo. C. Reickman, 138 S-California St., Stockton; day's work.

RESIDENCE, \$2800; East Wyandotte St., Stockton; owner, C. A. Stuart, 2102 N-California St., Stockton; day's work.

RESIDENCE and garage, \$6300; Cleveland St., Stockton; owner, F. E. Quail, 1127 N-Commercial St., Stockton; day's work.

RESIDENCE, \$3834; South Commerce St., Stockton; owner, S. Segarini; day's work.

REMODEL, \$3000; N. Sutter St., Stockton; owner, Elks' Hall Association, 218 Elks' Bldg., Stockton; day's work.

REMODEL, \$3500; N-Sierra Nevada St., Stockton; owner, H. E. Lower, 721 N-Sierra Nevada St., Stockton; day's work.

GARAGE, \$6000; S Center St., Stockton; owner, De Mattel Bros., Stockton; day's work.

REMODEL RESIDENCE, \$2500; W. Acacia St., Stockton; owner, J. U. Cloudsley, 246 N. Acacia St., Stockton; day's work.

ADD to brick building, \$2400; S. Center St., Stockton; owner, Marie A. Gawne, Stockton; day's work.

STORE BUILDING, \$2200; E. Weber St., Stockton; owner, J. A. Workings, 1305 E. Weber St., Stockton; day's work.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded June 30, 1922—LOTS 9 AND 13 BLK 18, Sub. 2, Tuxedo Park, Stockton, Sterling Bldg Co by Joseph A. Plecarpo, President to whom it may concern.....June 24, 1922
July 1, 1922—LOTS 9, 10, 11 AND 12 BLK 2, Baccellieri Park Addition to Manteca, Mantec Cheese Co., Inc. to Ralph J. Sharp.....April 26, 1922

BUILDING CONTRACTS

FRESNO COUNTY

\$5,000 and Over Reported

PAVING RAILROAD CROSSING AT KEIN ST., Fresno. All work for paving railroad crossing.
Owner—Southern Pacific Co., Fresno. Architect—None.
Contractor—Thompson Bros., G and Divisadero Sts., Fresno.
Filed July 3, '22. Dated.....
Sidewalk at 30c sq. ft.....
Other work at various prices.....
TOTAL COST, \$8300
Bond, \$8300. Surety, Fidelity & Casualty Co. of New York. Limit, forfeit plans and specifications, none.

SCHOOL BIOLA SCHOOL DISTRICT, Fresno. All work except plumbing and heating for one-story frame, plaster and brick school.
Owner—Biola School District. Architect—Swartz & Ryland, Rowell Bldg., San Francisco.
Contractor—Martin Constr. Co., 1809 Fresno St., Fresno.
Filed July 1, '22. Dated June 30, '22.
Monthly payments of.....75%
Usual 35 days, balance.....25%
TOTAL COST, \$32,061
Bond, \$16,020. Surety, National Surety Co. of New York. Limit, 100 days. Forfeit, \$10 a day. Plans and specifications filed.

PLUMBING AND HEATING SYSTEMS

on above.
Contractor—B. A. Newman Co., 1927 Merced St., Fresno.
Filed.....Dated.....
¾ completed.....\$1171
¾ completed.....1200
¾ completed.....1200
Completed.....1200

TOTAL COST, \$4771
Bond, \$3578. Surety, Fidelity & Deposit Co. of Maryland. Limit, 100 days. Forfeit, \$10. Plans and specifications filed.

DWELLING, \$7000; No. 803 H St., Fresno; owner, Tillman & Bendell, 183 Forthcamp St., Fresno; contractor, J. B. Hart, 945 San Pablo Ave., Fresno.

DWELLING, \$5000; No. 242 Hayes St., Fresno; owner, K. B. Hights Co., Fresno; contractor, C. E. Buckmaster, 4112 Platt Ave., Fresno.
SANTALUM, \$31,000; No. 704 E St., Fresno; owner, O. Konoge, Fresno; contractor, J. L. Church, 221 North P St., Fresno.

STORE, \$6000; No. 528 Blackstone St., Fresno; owner, R. Haupt, 530 Blackstone St., Fresno; contractor, W. P. Snare, 1735 Lewis St., Fresno.
DWELLING and dancing academy, \$28,000; No. 1401 Washon Ave., Fresno; owner, C. B. Sevelance, Fresno; contractor, W. E. Jennings, 3301 Box 31, Fresno.

RESIDENCE, \$16,000; No. 2427 Huntington Ave., Fresno; owner, Ralph Watson, D and Tulare Sts., Fresno; contractor, Valley Constr. Co., Mattel Bldg., Fresno.

DWELLING, \$5000; No. 1477 Poplar Ave., Fresno; owner, B. G. Townsend, 1040 Thorne St., Fresno; contractor, L. M. Smith, N-Palm St., Fresno.

DORMITORY, \$14,000; No. 3004 College Ave., Fresno; owner, L. A. Montandon, Fresno; contractor, Frickard Bros., Blackstone & McKinley Sts., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded July 5, 1922—LOT 2 BLK 59, Sierra Vista Addition No. 3, Fresno. Fresno Bldg Cdn to whom it may concern.....July 1, 1922
July 5, 1922—LOT 3 BLK 61, Sierra Vista Addn No. 3, Fresno. Fresno Bldg Cdn to whom it may concern.....July 1, 1922
July 5, 1922—LOT 17 BLK 26 Arlington Heights Tract, Fresno. W. J. Hairey to whom it may concern.....July 1, 1922
July 5, 1922—LOTS 24 AND 25 BLK 73, Carathers, Fresno. R. P. Turner to C. D. Printz.....July 5, 1922
July 6, 1922—LOTS 9 AND 10 BLK 10, High Addition, Fresno. G. W. Black to whom it may concern.....July 5, 1922
July 6, 1922—SE COR. SEC. 18, 14-22, Fresno. San Joaquin Light & Power Co to whom it may concern.....June 29, 1922
July 1, 1922—LOT 7 BLK 22, Belmont Addition, Fresno. Guyda A. Craft to whom it may concern.....June 30, 1922
July 1, 1922—LOT 1 Wapella Tract, Fresno. G. McDougall to whom it may concern.....June 30, 1922
June 30, 1922—LOTS 25 AND 26, BLK 122, Fresno. M. Goorachlan to whom it may concern, June 21, 1922
June 29, 1922—LOT 7 BLK 16, Alta Vista Tract, Fresno. Herbert D. McKinnon to whom it may concern.....June 29, 1922

LIENS FILED

FRESNO COUNTY

Recorded	Amount
July 6, 1922—LOTS 5 AND 6 BLK 1, Sierra Vista Addition, Fresno.	
H Scott and L A Craig vs M D Berry	\$64
July 5, 1922—LOT 5 BLK 14, Hazelwood, Fresno.	
Frank L Breault vs R W Welliver and M K Telloian	\$381
July 5, 1922—S ½ LOT 4, N ½ LOT 5 Peters Addition, Fresno.	
Frank L Breault vs R W Welliver and Weisbild	\$38
July 5, 1922—LOTS 1 AND 2 BLK 2, Peters 2nd Addn, Fresno.	
Frank L Breault vs R W Welliver and Philip Ramer	\$38
July 1, 1922—LOTS 28 AND 29 BLK 61, Fresno Addn, Fresno.	
Swasika Lumber Co vs L K Cone	\$140

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July 1, 1922—LOTS 31 AND 35 BLK 7, Van Ness Heights, Fresno. Frank B Harris and Floyd Pennington vs John Anderson. \$107
 July 3, 1922—LOTS 25 AND 26 BLK 24, Arlington Heights Trct, Fresno. Independent Electric Co vs M Manogian. \$367
 June 30, 1922—LOTS 28 and 29, BLK 61, East Fresno. Bingham Wenka Planning Mill vs. L. K. Cone. \$939.00

BUILDING CONTRACTS

SANTA CLARA COUNTY

\$1,000 and Over Reported

PLUMBING

SANTA CLARA. All work for plumbing for school building.
 Owner—Santa Clara High School District, Santa Clara.
 Architect—W. H. Weeks, 369 Pine St., San Francisco.
 Contractor—Robert Dalziel Jr., 218 1st St., San Francisco.
 Filed July 3, '22. Dated June 26, '22.
 As work progresses. 75%
 Usual 35 days. 25%
TOTAL COST, \$3734
 Bond, \$3734. Surety, Globe Indemnity Co. Limit, 75 working days after June 26, 1922. Forfeit, \$10 a day. Plans and specifications filed.

BUNGALOW, ETC.

PALO ALTO. All work for one-story bungalow, garage and sidewalks.
 Owner—W. J. Murphy, 107 Bryant St., Palo Alto.
 Architect—None.
 Contractor—Wells P. Goodenough, 435 Tompkins Ave., Palo Alto.
 Filed July 1, '22. Dated ———.
 Frame up and completed. 25%
 Plastering ready for finishing. 25%
 Upon completion. 25%
 Usual 35 days. 25%
TOTAL COST, \$6320
 Bond, none. Limit, 60 working days from June 27, 1922. Forfeit, none. Plans and specifications filed.

RESIDENCE

SAN JOSE. All work for one-story frame residence.
 Owner—Wm. F. Noethig, San Jose.
 Architect—Wolfe & Higgins, Auzaeras Bldg., San Jose.
 Contractor—Howard S. Waltz, 132 Balbach St., San Jose.
 Filed June —, '22. Dated June 24, '22.
 Frame up. \$1625
 1st coat plaster on. 1625
 Completed and accepted. 1625
 Usual 35 days. 1625
TOTAL COST, \$6500
 Bond, \$3250. Sureties, Jas. H. McElroy and F. P. Herlinger. Limit, 72 working days from June 24, 1922. Forfeit, none. Plans and specifications filed.

FRAME BUILDING

PALO ALTO. All work for one and one-half-story frame building.
 Owner—W. T. and Annie G. Wallace, Palo Alto.
 Architect—Warren Skillings, Garden City Bank Bldg., San Jose.
 Contractor—Howard S. Waltz, 132 Balbach St., San Jose.
 Filed June 30, '22. Dated June 30, '22.
 Frame up and enclosed. \$1400
 Plastering completed. 1400
 Completed and accepted. 1400
 Usual 35 days. 1400
TOTAL COST, \$5600
 Bond, \$2800. Sureties, Jos. H. McElroy and F. P. Herlinger. Limit, 60 working days from June 30, 1922. Forfeit, none. Plans and specifications filed.

SCHOOL

CAMPBELL. All work for terra cotta escalona tile roof for school bldg.
 Owner—Board of Trustees of Campbell—San Tomas Union Grammar School District, Campbell.

Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Gladding, McBean & Co., Crocker Bldg., San Francisco.
 Filed June 28, '22. Dated June 9, '22.
 As work progresses. 75%
 Usual 25 days. 25%
TOTAL COST, \$6124
 Bond, \$6124. Sureties, Geo. R. Chambers and Atholl McBean. Limit, 60 working days from June 9, 1922. Forfeit, \$2 a day. Specifications only filed.

COMPLETION NOTICES

SANTA CLARA COUNTY.

Recorded Accepted
 July 1, 1922—PALO ALTO. Stanford Bank of Palo Alto to T B Goodwin. June 8, 1922
 July 1, 1922—SAN JOSE. W A Earstow to Alexander Petrie and Walter Partwargler. July 1, 1922
 July 1, 1922—SAN JOSE. J H Long to Clyde Alexander. July 1, 1922
 July 3, 1922—HESTER PARK. San Jose. David K Atkinson to E E Arnett. July 1, 1922
 June 29, 1922—SAN JOSE. Elwood Hiatt to whom it may concern. June 23, 1922
 June 30, 1922—SAN JOSE. Ira T Bridges to whom it may concern. June 26, 1922
 June 30, 1922—SAN JOSE. Natale Balocchi to whom it may concern. June 24, 1922
 June 30, 1922—STATE HIGHWAY, Mountain View Junction. C F McCarthy to D W Ross. June 28, 1922

LIENS FILED

SANTA CLARA COUNTY.

Recorded Amount
 June 29, 1922—SAN JOSE. Sunset Lumber Co vs Celestino Chiesa. \$181

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE

ELEVENTH AVE. ———. All work for one-story frame residence and garage.
 Owner—John R. and Gladys Fairbanks, 122 El Camino, San Mateo.
 Architect—E. L. Norberg, Balboa Bldg., San Francisco.
 Contractor—F. H. Eoreing, 514 Santa Inez St., San Mateo.
 Filed July 1, '22. Dated June 21, '22.
 Framed. \$1774
 Rough plastered. 1774
 Completed. 1774
 Usual 35 days. 1775
TOTAL COST, \$7097
 Bond, \$3550. Sureties, J. D. Neale et al. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

ADDITION

ITALIAN CEMETERY. Colma. All work for one-story brick and concrete addition to receiving vault.
 Owner—Societa Italiana di Mutua Benefenza.
 Architect—Paul F. De Martini, 946 Broadway, San Francisco.
 Contractor—G. Cristina.

Filed July 3, '22. Dated June 22, '22.
 1-st of each month. 75%
 Usual 35 days. 25%
TOTAL COST, \$16,600
 Bond, \$8300. Sureties, S. A. Fripp and S. Macchetto. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

DWELLING

LOT 6 BLK 2 SUB 4, Burlingame Park. Burlingame. All work for two-story and basement frame dwlg.
 Owner—Mrs. Leale Collins.
 Architect—T. Patterson Ross, 310 California St., San Francisco.
 Contractor—Ray L. and L. A. Kern, 3721 17th St., San Francisco.
 Filed July 5, '22. Dated June 24, '22.
 2nd story joists laid. \$1500
 Ready for interior plaster. 1500
 Finished. 1500
 Completed. 1450
 Usual 35 days. 5000
TOTAL COST, \$7950
 Bond, none. Limit, 90 working days. Forfeit, \$5. Plans and specifications filed.

OFFICE, ETC.

LOT 5 Taylor Addition to San Mateo. All work for one-story cement building for news paper office and shops (Classic Bldg.).
 Owner—News Leader Publishing Co., San Mateo.
 Architect—W. H. Toepke, 942 Market St., San Francisco.
 Contractor—John Morton, Balboa Bldg., San Francisco.
 Filed July 5, '22. Dated June 30, '22.
 Walls in, roof one, etc. \$3596
 Plastered. 1586
 Completed. 2586
 Usual 35 days. 2587
TOTAL COST, \$10,345
 Bond, \$——. Sureties, J. J. McLeod and Jas. Cantley. Limit, 60 working days. Forfeit, \$5. Plans and specifications filed.

SCHOOL BLDGS.

BALDWIN AND GRIFFITH AVES., San Mateo. Central Grammar School.
POPLAR AVE. BET. C AND D, San Mateo. The Poplar Avenue School. General contract for one and two-story concrete and brick school buildings.
 Owner—San Mateo Grammar School District, San Mateo, J. J. Casey, clerk.
 Architect—John J. Donovan and Sylvain Schnaittacher, 233 Post St., San Francisco.
 Contractor—Charles Pederson, 118 10th Ave., San Mateo.
 Filed July 1, 1922. Dated June 5, 1922.
 On or about 1st day ea. month. 75%
 Usual 38 days. 25%
TOTAL COST, \$141,900
 Bond, \$70,450. Surety, Fidelity & Deposit Co. of Maryland. Forfeit \$50 each school. Limit, 25 calendar days. Plans and specifications filed.

ELECTRICAL WORK FOR ABOVE.

Contractor—Watts Electric Co.
 Filed July 1, 1922. Dated June 6, 1922.
TOTAL AMOUNT, \$5170
 Bond, \$3085. Sureties, London & Lancashire Indemnity Co. of America. Forfeit, \$50 each school. Limit, none. Plans and specifications filed.

WORK ON ABOVE

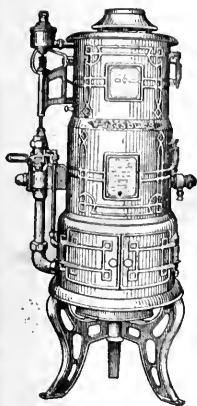
Contractor—E. C. Cottler, 389 4th St., San Mateo.
 Filed July 1, 1922. Dated June 5, 1922.
TOTAL COST, \$23,325
 Bond, \$11,663. Sureties, The Fidelity & Casualty Co. of Maryland. Forfeit, \$50 each school. Limit, none. Plans and specifications filed.

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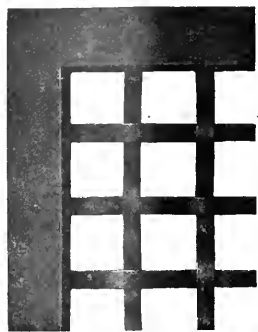
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Published Every Saturday
Twenty-second Year No. 28

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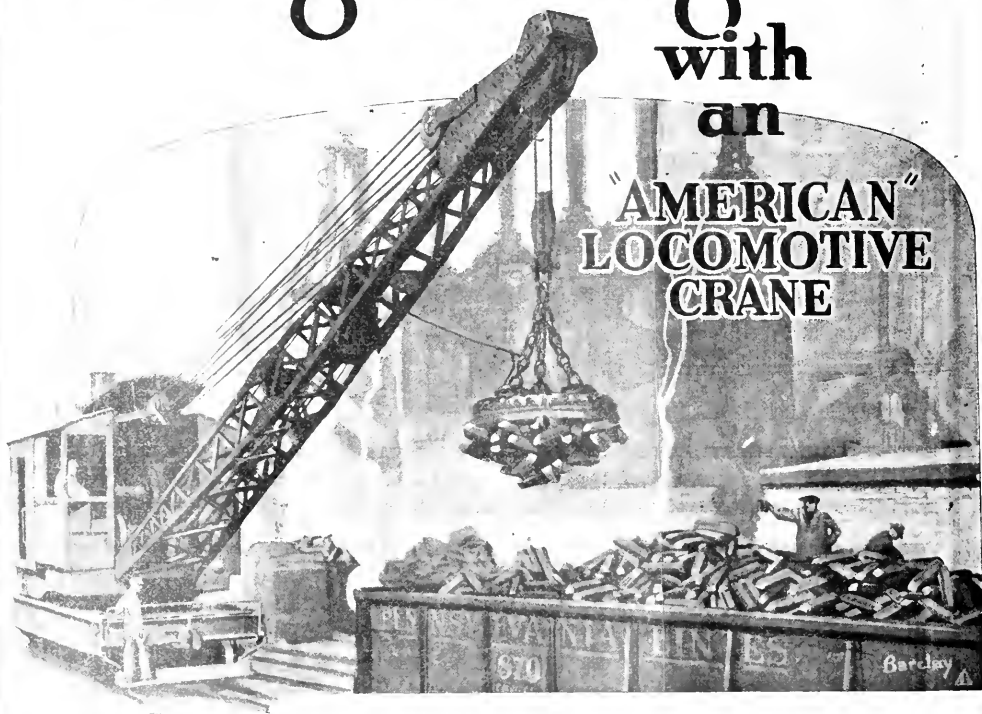
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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., JULY 15, 1922

Twenty-second Year No. 23



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SACRAMENTO BUILDING FOR PAST SIX MONTHS EXCEEDS THAT OF 1921

Building permits issued in Sacramento during the first six months of the present year are nearly half a million dollars in excess of the total for the entire year of 1921. The total for 1922, for the six months ending June 30 is \$5,203,073. This is compared with a total of \$4,771,205 for the entire year of 1921, the bulk of which was building started during the Fall months.

The total in Sacramento since July 1, 1921, is \$8,059,126. The total value of permits for the calendar year of 1921 was \$4,771,205 and the number of permits issued was 2,664. The value of permits for the calendar year of 1920 was \$4,49,388 and the number of permits issued 1,450. The number of permits issued during the present year, January 1 to June 30, 1922, is 1,658. The number issued during the last six months of 1921 was 1,553.

Building permits for the month of June not only show a big increase over the previous month but are nearly three times the total of June, 1921. The total for the month for all permits granted was \$753,664, of which \$651,194 was for strictly new construction. The total number of permits issued was 239, as compared with 153 permits valued at \$261,450 issued during June, 1921.

Permits for new dwellings, flats, apartments, and for remodeling and enlarging existing dwellings will provide housing for 123 additional families within the city limits.

Senator Shortridge of California has introduced a bill seeking an appropriation of \$1,200,000 for a postoffice building in Oakland.

SPECULATION MAY KILL BUILDING BOOM NATIONAL ASSN'G CREDIT MEN REPORT

That speculation in building may lead to a collapse in the building boom is the substance of a report from the National Association of Credit Men, now in the mails, going to the thirty-odd thousand members of the association.

"What better lesson should we have learned from the present depression than the expensiveness and wastefulness of speculation?" asks Secretary Tregoe. "The activity in housing construction is one of the promising features of our revival. Undoubtedly the acceleration of such construction has been felt in all allied lines, and has contributed to business in general. If this housing construction were non-speculative, undertaken by individuals, and intended as a provision for normal needs, it would indeed by a very potent sign. After careful observation, however, we fear that too great a portion of this construction going on at present is speculative, and too large a portion is burdened with heavy debt.

"There has been a bidding among certain providers of loans for construction purposes which has placed the contractor or builder in a favorable position, so far as the obtaining of funds are concerned; but there is lacking that carefulness which ought to exist in loans on real estate and improvements. We cannot but feel that much of this property is too heavily burdened, that when rents lower, as they must, it will be very difficult for the investors to realize a fair return.

"Furthermore, speculation in housing construction has placed a heavy toll on the labor wage. In many instances in the larger cities it is extremely difficult to find men available in the building trades. Wages paid to some are far in excess of reasonable, and merely indicate that in this particular field we are not getting right by any means. It is a tendency which credit grantors should observe with extreme caution, which a student of conditions should weigh very carefully. Indeed, I fear some little collapse in this field unless much of the speculating spirit is eliminated, and construction is made at proper costs, and not weighted too heavily with debt."

BIG TIMBER DEAL CLOSED AT ABERDEEN, WASH.

The bid of the Hobi Logging Co., of Aberdeen, Wash., for the 305,000,000 foot Cook creek timber unit of the Quinalt Indian reservation has been accepted by the officials of the Department of Indian Affairs. The Hobi Company bid: Cedar, spruce and Douglas fir, \$4.35; white pine, \$1.50; hemlock, 80c. The bid approximates \$1,250,000.

The timber stand is the third to be sold by the department of Indian Affairs in the Quinalt reservation since last October. The first unit, containing 306,000,000 feet, was sold in October to the Aloha Lumber Company and already is being logged. The second unit went to the M. E. Smith Lumber & Shingle Company of Seattle last March. It contained approximately 305,000,000 feet.

STANDARDIZATION IN THE BUILDING INDUSTRY

Dr. John M. Gries, Chief, Division of Buildings and Housing, U. S. Department of Commerce, in an address before the convention of the National Builders' Exchange, said:

"Some contractors have made time studies and know approximately the number of brick a good workman should lay in eight hours for different types of wall and under different conditions, but the great majority operate on guesses only.

"Standards of work should be determined for many different operations. We should know more about the laying of hollow tile, the work of the tile setter, the time required for performing certain units in framing, roofing and siding.

"We cannot establish standards for work as long as the builder fails to schedule his work. One of the first essentials is to have materials on hand. If the management fails to order the work properly, if it makes the carpenter wait for the framing, if it makes him walk 100 feet to get the studline, you can neither expect results nor establish standards in which both an employer and employee shall have confidence.

"With the closer co-operation of every element in the construction industry, we will soon speak the same language. We must accept a common terminology. Furthermore, cost accounting must be more uniform than it is today. What two producers, what two vendors, or what two contractors, have the same definitions for ledger accounts? Many will say that all agree. You think the other fellow uses your terms and he in turn thinks that you use his. I have examined many sets of books and found that even among those who claim to have the same system that the definitions of accounts differ.

"When contractors compare with each other, I become skeptical. Why? Because I have so often found that the definitions of labor accounts vary widely, that contractors are talking about entirely different things. The account may bear the same name, but the expenditures charged to the account are not the same. I have seen trucks charged to a single job or to the month's expenses while other have charged it to equipment. Some make an annual depreciation charge and others never charge the expense to operation."

BIDS ASKED FOR TWENTY-EIGHT MILE TRANSMISSION LINE

Bids will be considered by the Turlock Irrigation District on August 3 to construct 23 miles of 55,000-volt transmission line. Bids are wanted (1) lump sum bid for line completed, contractor to furnish all materials; (2) contractor to furnish labor only, materials to be furnished by district; (3) for materials, about 200 steel towers, 170 miles of copper or steel reinforced aluminum wire, 6000 suspension type insulators with fittings, switchboard panel, lightning arrestors and oil circuit breaker. Specifications may be had from the secretary of the district, Anna Sorenson, Turlock, on deposit of \$5.00.

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WHAT HE HEARS AND SEES ON HIS ROUNDS

ALONG THE LINE



Building records for June show a total construction value of \$216,674.499 in 141 cities, a new high record for 1922, according to figures compiled by Bradstreet's. The previous high mark for the year was \$206,844,915 in May. The June figure compares with \$127,671,278 in June, 1921. The total for the second quarter of 1922, 683,568,331, is slightly in excess of the total for the combined first and second quarters of 1921. This total for the half year, with 23 cities yet to be heard from as to June, is \$1,200,998,175, a gain of 75.9 per cent over the like period of last year.

The lumber mills of the Western Pine Manufacturing Association, the Inland Empire organization, shipped 169,809,000 feet of lumber during May, or more than was ever shipped before during any one month, according to A. W. Cooper of Portland, Ore., secretary-manager. In March, 1920, the highest previous month, shipments amounted to 156,211,000 feet, and the May shipments of this year were nearly 30,000,000 feet more than the previous month and more than double the shipments of May, 1921.

Plans for the establishment of a wood-sourcing plant and sulphur mill for the manufacture of sulphur fertilizers and other products, a building material factory and other industrial enterprises for Reno, Nevada, are announced by the Chamber of Commerce of that city. C. S. Knight, secretary of the Chamber, states the building program this year is more than double that of 1921. Contractors estimate 250 houses will be completed this year, besides hotels, apartments and office buildings.

Two thousand out of the 130,798 students enrolled in the trade and industrial training branch of the U. S. Veterans' Bureau are learning building trades. Fifteen of these 2000 are learning the plastering trade, 45 brick laying and 140 masonry work. In the carpentry classes 512 are enrolled; plumbing, heating and ventilating, 476; cabinet making, 304; house painting, 170; stone cutting, 45; paper hanging, 35 and elevator installation, 25.

City Attorney H. A. McGee of Vallejo announces that Gladys-Melan Co., of San Francisco, tideland claimants have filed an answer in the Superior Court of Solano County in the action commenced by the City of Vallejo to clear title to the tidelands fronting North and South Vallejo. The San Francisco company operates a rock quarry near Benicia and lays claim to a portion of the tideland near South Vallejo.

A certificate authorizing the Los Angeles and Salt Lake Railroad to construct a new line from Delta to Fillmore, Utah, a distance of 31.4 miles has been issued by the Interstate Commerce Commission. It is estimated that the line will cost \$701,188 and that with the construction of 3.6 miles of secondary track it will make accessible about 90,000 acres of farm land and about 100 square miles of white pine timber.

Builders' Exchange of Marysville has leased quarters in the Swift Building, Marysville, and will make extensive alterations for consultation and estimating rooms and general office quarters. Officers of the Exchange are: L. A. Williams, president; E. A. Hunn, vice president; J. C. Evans, treasurer; J. W. Robinson, secretary; J. C. Woods and Calvin Smith, directors.

Robt. Shelley, former Portland building contractor, has re-opened the brick plant at Willamina, Ore., which has been closed for several years. The plant is said to have one of the best clay deposits in the west and a large variety of colors are obtainable. Shelley will operate under the name of the Oregon Face Brick Co., and will maintain offices at 204 Henry Bldg., Portland.

Acting for the Idaho State Reclamation Association, Guy Flenner, its Secretary, has filed a petition asking for an election to determine the organization of the largest irrigation district ever attempted in America—the American Falls Reservoir project comprising about 490,000 acres. Estimated cost of dam and reservoir is placed at \$12,000,000.

If the right of the Southern Pacific to hold the Central Pacific is established by the Interstate Commerce Commission, work on the uncompleted portions of the Natron cut-off will be rushed to completion, according to a telegram received by a Portland, Ore., newspaper from Julius Kruttschnitt, Chairman of the Board of Directors of the Southern Pacific Company.

Javis-Heller-Pearce Co., Stockton architects, have filed suit in the Superior Court at Modesto against George Kounias, proprietor of the Modesto Grill, to collect \$2250, alleged due for plans and specifications for a commercial building the defendant planned to erect in Modesto in 1919.

P. R. Thompson, director of transportation for the Pacific Coast Steel Co., has resigned. Thompson declares his resignation had been influenced by his decision to represent the Peninsula Bureau of Chambers of Commerce in advocating the unmerger of the S. P. and Central Pacific systems.

C. S. Ferrier, member of the contracting firm of Findley & Ferrier of Billings, Mont., has established headquarters in association with the J. A. Wolvin Co., 402 Braley Bldg., Pasadena. Ferrier will establish a permanent office in Pasadena, though still retaining his Montana business.

Since January 1 wages in the building trades show an average reduction of 16 per cent. Twenty-eight trades were involved, eighteen of these occurring in the last two months. The territory comprised principally the East and Middle West.

Building activities in Oakland took another jump in June, exceeding the preceding month by more than one million dollars. A total of 733 permits was issued last month, with a valuation \$3,351,045. The valuation of the May permits was \$2,243,746.

The main office and engineering department of the Meese & Gottfried Co., manufacturers of machinery for elevating, conveying, screening and mechanical transmission of power, is now located at its works, 19th and Harrison streets, San Francisco.

The Panama Soap Co. has definitely decided to abandon its plant at San Diego and re-establish in Irvington, Alameda County, on a site yet to be selected. The people of Irvington have assured the company a bonus of \$2750 to locate in that vicinity.

Ben Duffield, engineer, who had charge of most of Kings County highway construction, has closed his offices at Hanford and will in future be associated with the Federal Construction Co.

D. D. Demarest of Angels Camp, California, will reopen the Angels Iron Works on the Boggs Tract, just west of Stockton, for the manufacture of gas engines. San Francisco gas engine makers are said to be interested.

Western Pacific Railroad has let contracts for 2000 refrigerator cars of the latest type and 150 cars of a new type to be used in its express refrigerator service. Contract price runs in the neighborhood of \$6,000,000.

H. E. Hinshaw of Sumpter, Ore., is conferring with the San Leandro, Cal., Chamber of Commerce regarding a site for an automobile accessory and novelty factory.

City Council of Portland, Ore., decides to construct third pipe line for municipal water works at a cost of \$3,000,000. Will be about 30 miles long. Construction will be started in 1923.

Election will be held August 15 at Napa to vote bonds of \$600,000 to purchase and improve privately owned water works system.

Richmond Realty Board adopts resolutions urging the electrification of the S. P. railroad between Richmond and Pinole.

F. M. Van Houten, formerly operating the Van Houten Lumber Co. at Forrest City, Ark., is looking for a location in Southern California.

Lumber yard and six dwellings of Murphy Lumber Co. at Salem, Ore., suffer \$100,000 fire loss on July 5.

Clifton H. Wildman is a candidate for the office of county surveyor of El Dorado County.

Chris P. Jensen will seek re-election to the office of county surveyor of Fresno County at the coming election.

Sacramento City Council petitioned to construct a civic auditorium and establish free public municipal market.

\$100,000 PRIZES OFFERED TO ARCHITECTS FOR BUILDING DESIGNS

(Reprint from Christian Science Monitor)

The Chicago Tribune, which is fortunate enough to be one of the most highly profitable newspapers in the world, is doing a commendable thing in taking steps to make its new building an architectural adornment to the city. A newspaper owes much to the community in which it is published, and the Tribune, after 75 years of successful publication, purposes to discharge some part of its indebtedness by taking its part in the "Chicago Beautiful" plan, which has already done so much to transform a once ugly town into a place of architectural excellence. The paper owns a site on that wonderful boulevard which opens an impressive way of approach to the beauties of the North Shore, and the first step in the Tribune's plan is the proffer of prizes aggregating \$100,000 for designs for the new building, open to the architects of the world.

It is greatly to be hoped that the Chicago Tribune will be thoroughly successful in its effort to add to the material adornment of its home city. It may not be amiss to express also the hope that out of the beautiful building, which it undoubtedly will construct, will come nothing that does not add equally to the moral beauty of the city which the Tribune serves, and which has long so lavishly supported it. Some very good newspapers have been published in some very humble, even decrepit buildings. But to publish from a marble palace, flawlessly designed to meet every test of art, a daily newspaper which carries to the homes of the city little but messages of crime, of scandal or of harrowing disaster, seems a singularly foolish and ill-considered policy. The newspaper world, which will hope to see the new Chicago Tribune building a thing of beauty and a joy forever, will hope even more to see the newspaper issued from the edifice a model for progressive, honest, stimulating and clean journalism.

FOREST EXPERT TO MAKE FIELD STUDY IN ALASKA

At the request of Secretary of Agriculture Wallace, Associate Forester E. A. Sherman of the Forest Service has left for a two-months' trip through Alaska to make a field study of departmental problems. This will be Sherman's third inspection trip to the Territory.

Sherman will be joined at Juneau by C. A. Flory, District Forester in charge of the 20,000,000 acres of National Forests in Alaska. They will go from Juneau to Valdez and travel by automobile to Fairbanks, where they will inspect the agricultural experiment station located near that city, and also the one at Matanuska. From Fairbanks they will travel over the new Government railroad to Seward and thence by steamer to Cordova, the headquarters of the Chugach National Forest. From there side trips will be made to the Prince William Sound region and to Katalla. An inspection trip will also be made from Ketchikan over the Tongass National Forest in southeastern Alaska.

Sherman will make a special study of the program of road construction in the National Forests of Alaska, for which Congress has appropriated \$10 million dollars; the possibilities of organized forest protection for the unreserved timberlands of interior Alaska, which have suffered severely from uncontrolled fires, and the relationship of the National Forests to the general industrial development of the Territory.

STEADY DEMAND FOR HARDWOOD LUMBER IS REPORTED

In its latest "Review of Industry," the Industrial Digest, New York, says: "A steady and encouraging growth is noticeable in the demand for hardwood, and although at present this demand is being taken care of by reserve stocks, it is expected that because of very limited production, the market will reflect the scarcity of stock. According to the trade press, the flooring and interior trim manufacturers are the leading buyers. The automobile industry is also buying all the lumber it can find suitable to its needs and agricultural implement manufacturers are transacting a considerable volume of business. If the expectations in regard to successful harvests are fulfilled, heavy demands are certain to be made this fall upon the retail lumber dealer and the agricultural implement and wagon manufacturer, as well as upon the suppliers of the farmer's numerous other wants.

"Although there has been a decrease in buying by the furniture interests, this is said to be strictly seasonal. The furniture makers are unanimous in predicting a heavy business in furniture this fall, and a number of factories are planning to operate to capacity. All other domestic hardwood consumers are represented on the market with a big aggregate of requirements. Even surpluses of the lower grades of hardwood have been materially reduced by the box and packaging interests which have been active in the hardwood market recently."

NEW INDUSTRIES LOCATE IN OAKLAND

Two new industries for Oakland are announced by C. W. Foy, manager of the industrial department of the Chamber of Commerce. One of these, the Fornercrete Aggregate Company, manufactures building material. The Economy Manufacturing Company produces Economic piston rings.

The first named has leased 30,000 square feet on the north side of Clement street, just east of High street, and will begin the erection of a factory immediately. This company specializes in cement exteriors and cement decorations in color. E. K. Forner is president of the company.

The Economy Manufacturing Company has leased property at 115-117 Broadway and will install machinery at that address at once. This company comes to Oakland from Sacramento and, according to E. M. Moore, president, has been induced to move by the superior economic and labor conditions to be found in these east bay cities. The entire equipment of the Sacramento plant is being transferred to Oakland.

LUMBER FIRM GIVES REDWOODS TO STATE

Announcement has been made by J. D. Grant, Chairman of the Board of Directors of the Save the Redwoods League, that the Lagoon Lumber Company, one of the large owners of redwood timber in Humboldt County, had offered to donate to the public the redwood timber standing on the right of way for the California State highway, recently acquired by the county. This will mean permanent preservation of a strip of timber along the highway where it passes through the holdings of the Company.

Expressions of appreciation have been sent by the Save the Redwoods League to H. W. Cobb, manager of the Lagoon Lumber Company at Bulwinkle, through whom the gift was made.

U. S. CIVIL SERVICE COMMISSION WILL HOLD EXAMINATIONS

The U. S. Civil Service Commission will hold examinations in San Francisco in the immediate future for various positions. Application blanks and further information may be had from the Secretary, Twelfth U. S. Civil Service District, 241 Postoffice Building, San Francisco. Examination schedule to date are as follows:

Assistant sanitary engineer, \$3222 per annum; junior sanitary engineer, \$2220 per annum—Vacancies in the United States Public Health Service in the field.

Junior laboratory and in forest pathology, \$410 to \$1200 per annum—Vacancy in Bureau of Plant Industry, San Francisco and in Washington, D. C., or in the field.

Junior illustrative draftsman, \$1700 per annum—Vacancy in Division of Publications, Department of Agriculture, Washington, D. C.

Civil engineering draftsman, \$120 per month—Vacancy in the Engineer department at Large, San Francisco.

Mining engineer, \$3600 or over a year; associate mining engineer, \$2000 to \$2600 a year; assistant mining engineer, \$2160 to \$3000 a year; junior mining engineer, \$1620 to \$2160 a year—Vacancies in the Bureau of Mines, Department of the Interior, in the field or Washington, D. C.

Special agent, industrial rehabilitation, \$2500 a year—Vacancy in the Federal Board for Vocational Education, Washington, D. C.

LOS ANGELES FAVORED BY A. G. C. AS 1923 CONVENTION CITY

Los Angeles was a six-to-one favorite in the preliminary poll to ascertain the choice of members of the Associated General Contractors of America for the meeting place of the 1923 convention. At the recent meeting of the national executive board the result of the letter canvass of members was announced, showing that out of the 336 replies received, 260 stated the writers expected to attend the next annual convention if held in Los Angeles, 5 of whom were residents of California. Those who stated they could not visit Los Angeles numbered 115, while 48 remained in the doubtful list. Chicago and St. Louis stood next in favor, receiving 18 and 11 votes respectively, as being preferred as the convention city. This vote closely paralleled that of last year, when also about 25 per cent of the membership responded of those who attended the Cleveland convention (about 260) 24 registered from Ohio. The Board ordered a canvass of those who had not voted, the final selection of the convention city to be left in the hands of the executive committee.

SUTTER COUNTY SUPERVISORS FAVOR JOINT HIGHWAY DISTRICT

The Sutter County Supervisors have adopted resolutions favoring the creation of a highway district in Sutter and Sacramento Counties for the purpose of levying an assessment to provide for the completion of the 13 mile gap which would make a continuous highway between Yuba City and Sacramento and shorten the distance between the two cities some 7 miles. The state has \$500,000 available for this work, which it is estimated will cost approximately \$150,000. The highway extends through Sutter Basin and connects with Natoma Boulevard

San Francisco Engineers Urged to Support Industrial Research Movement

Addressing the engineering groups of San Francisco, Monday July 10, Alfred D. Flinn of New York, secretary of the Engineering Foundation and chairman of the Engineering Division of the National Research Council made a plea for the co-operation of the engineers of the West in a nationwide movement for industrial research started by the Foundation and the Council. Flinn's address was one of a series which he is delivering on a tour of the Middle West, the Pacific Coast and Canada.

Flinn explained the purpose of the Foundation, which was founded in 1914 by Ambrose Swasey of Cleveland, Ohio, past president of the American Society of Mechanical Engineers, and of the Council which was established two years later by the National Academy of Sciences with the co-operation of the national scientific associations and engineering societies. Both were interpreted as new and powerful factors in maintaining American industrial supremacy and in profiting by the lessons taught by the war.

The Foundation, he said, administers the income of endowment funds mining metallurgical, mechanical and electrical engineers for research in for the national societies of civil, mining, metallurgical, mechanical and electrical engineers for research in engineering and the science connected therewith.

"National Research Council," continued Mr. Flinn, "has broad national and international connections in the mathematical, physical and biological sciences and their related technologies, including all branches of engineering. It is not a governmental bureau, nor does it receive financial support from the government, although all governmental departments co-operate. The Council is supported by gifts from large benevolent foundations, other organizations and individuals, chiefly by a \$5,000,000 endowment fund given by the Carnegie Corporation and more than \$1,000,000 given by the Rockefeller Foundation and the General Education Board for research fellowships and other special purposes. It is erecting a permanent building near the Lincoln Memorial.

"The Council has six Divisions of General Relations, such as Federal Relations and Research Information Service, and seven Divisions of Science and Technology: Physical Sciences, Engineering, Chemistry and Chemical Technology, Geology and Geography, Medical Sciences, Biology and Agriculture, Anthropology and Psychology. Its work is done by a staff in Washington and by numerous committees whose members are distributed all over our country.

"National Research Council does not directly support or conduct research, but helps to organize and further research and to collect and spread information resulting from research. The Engineering Foundation in its field and the far-reaching research permit, supports and conducts research, as well as aiding in its promotion.

"United Engineering Society is an incorporated body, holding and administering real estate, endowment funds and the Engineering Societies Library, for the Founder Societies, having aggregate membership of 80,000."

Flinn declared that there was a growing appreciation of the necessity for more intelligent use of the physical and mental human elements in all spheres of activity. Because we have been slow to devise methods of

measurement for these elements, progress has been retarded, he said. Flinn added:

"Discussion has often been fruitless, because lacking knowledge as a basis. Many organizations have been at work in recent years—doctors, psychologists, physiologists, psychiatrists, educators, employment managers and labor leaders. In general, their efforts were unrelated.

"Engineering Foundation and National Research Council, therefore, have organized the Personnel Research Federation, to serve as a clearing house and otherwise be helpful. The purposes of this Federation are the correlation of research activities pertaining to personnel in industry, commerce, education, and government, wherever such researches are conducted in the spirit and with the methods of science. Its membership includes scientific, engineering, medical, educational, industrial and labor organizations, universities, governmental bureaus and individuals."

A highway research program to aid in spending widely \$1,000,000,000, which the Government and the State are to apply to road construction, is being framed by the Council and the Foundation, according to Mr. Flinn. For safe procedure new knowledge has been needed, and so research has been undertaken to co-ordinate the scattered research projects, fill gaps and establish proper standards. This research work will be carried out through the new Advisory Board of Highway Research, which will work in harmony with Federal and State officials, automobile manufacturers and engineering and scientific societies.

Fatigue of metals is another research undertaking by the Foundation in an effort to answer the question, "Do Metals Get Tired?" Important results have been obtained at the University of Illinois, according to Flinn, and progress in this field is being made at the plant of the General Electric Co., Schenectady, N. Y. Detection of internal stresses in metal was described by Flinn as one of the most important and one of the most baffling problems of manufacture and inspection. A committee of the National Research Council, he said, is seeking a definition of the "hardness" of metals and an interpretation of its significance as ordinarily determined by apparatus now available and the designing of more satisfactory testing machines.

Mining, tunneling and quarrying operators and engineers are interested in drill steels, said Flinn. An investigation of causes of breakage and remedies is being made by a joint committee of engineering societies, the Engineering Foundation and the National Research Council in co-operation with the U. S. Bureau of Mines.

Other projects in which these bodies are now actively interested, Flinn stated, purpose the elimination of the shipworm, which has caused billions in damage to marine property on the Atlantic and Pacific Coasts, in which New York and San Francisco committees are working in harmony; protection of wood by paint, varnish and other finishing or impregnable materials to prevent swelling and shrinking, and to prolong the life of the wood; the cost of molding sand for all uses of castings; experiments on reinforced concrete bridges and the solution of many other hydraulic problems relating to dams, power plants, pipe lines, flood control and water supply.

"These undertakings," concluded Flinn, "indicate the immediate and great practical importance to our engineers, our communities and our industries, of the active, intelligent promotion of research in sciences and the various branches of engineering and utilization of results in every day work. It is the vocation of some men and of other men to make knowledge serve the purpose of civilization."

HIGHWAY CONTRACTORS SUE FOR PAYMENT ON SANTA CRUZ HIGHWAY CONTRACTS

J. A. Marshall and J. S. Baker, contractors on the Watsonville-Santa Cruz highway unit, have filed a complaint in application for a writ of mandate which would compel County Surveyor Lloyd Bowman of Santa Cruz County to authorize the payment of approximately \$18,000 to the contractors for work alleged to have been done on the unit at the direction and with the approval of Bowman, which work was in addition to that required by the contract.

Specific claims include one for the excavation of 2872 cubic feet of earth as part of an excavation of 24,729.6 cubic feet, at 95 cents per cubic foot, which Bowman failed to approve to the Board of Supervisors, with an additional \$3241 for extra work on re-grading, replacing header boards, upkeep of detours, etc.

Another claim is for 8938.7 cubic feet of excavation work as part of an excavation of 52,170.5 cubic feet at \$1.15 per cubic foot, which it is alleged was necessary for the completion of the unit and which the County Surveyor failed to approve. An additional \$3241 is asked for in this case, also for the upkeep of detours, etc., alleged to be extra work and not a part of the contract.

ROSENER, SAN FRANCISCO ENGINEER, SUES OAKLAND SHIP COMPANY

Suit against the Hanlon Drydock and Shipbuilding Co. of Oakland has been filed by Leland S. Rosener, consulting engineer of San Francisco, seeking judgment for \$6368.86, alleged to be due him for services rendered. According to the complaint, Rosener entered into a contract with the Oakland concern on January 17, 1921, agreeing to act as consulting engineer, for which his fee was to be \$10,000, in addition to a fee of \$2.50 an hour each for Rosener's chief engineers and for an inspecting engineer. This brought the total amount up to \$15,080.50. Rosener declares in his complaint that \$5,711.64 of the total amount has been paid but that \$6,368.86 is still due on the contract.

ZELINSKY & SONS, PAINTERS, TO OPEN LONG BEACH OFFICE

D. Zelinsky & Sons, contracting painters and decorators, at their semi-annual conference at Los Angeles, July 3, decided to open an office in Long Beach, Calif. This will be their fourth branch. The firm is now operating offices and shops in San Francisco, Oakland and Los Angeles, and have the largest business on the Pacific Coast in their line.

Building News Section

APARTMENT HOUSES

Plans Being Figured.

APARTMENTS. Cost, \$40,000.
SAN FRANCISCO. W Hyde Street 135
S Geary Street.
Four-story and basement reinforced
concrete apartment house (8 2-
room and 8 2-room apts.)
Owner—Adolph Block.
Architect—Henry Shermund, Hearst
Bldg., San Francisco.
Figures are being taken for a gen-
eral contract.

Contracts Awarded—Sub-Figures Be-

Taken.
APARTMENTS. Cost, \$125,000.
SAN FRANCISCO. SE Green and Tay-
lor Sts., 137-6 x 137-5.
Five-story Class C apartment house (37
2 and 3-room apartments).
Owner—Mrs. Henry C. Smith.
Architect—Henry C. Smith, Humboldt
Bank Bldg., San Francisco.
Concrete work being done by Monson,
261 Kearny St.
Plumbing and Heating to A. J. Silva,
504 Gough St., San Francisco.
Roofing to John-Manville Co., 500
Post St., San Francisco.
Figures will be taken shortly on the
electrical work, painting, plastering,
etc.

Plans Being Prepared.

APARTMENTS. Cost, \$250,000.
LOS ANGELES, Cal. NE 7th and Cal-
ifornia Sts.
Four-story an d basement Class C brick
apartment house (144 rooms, 42
apartments).
Owner—Miss Ollie I. Low and Arthur
Bard.
Architect—Russell & Alpaugh, 1104
Story Bldg., Los Angeles.

Plans Complete.

APARTMENTS. Cost, \$16,000.
SACRAMENTO, Cal. 521 O St.
Three-story frame addition for apart-
ments (6 3-room apartments).
Owner—R. Modell, 2414 9th St., Sacra-
mento.
Architect—Not Stated.

Contract Awarded

APARTMENTS. Cost, \$23,000.
SAN FRANCISCO. N Union 247 W
Steiner.
Grading, concrete, carpenter, mill work
lathing and plastering for a three-
story frame apartment house.
Owner—Jos. C. and Ellen Arata.
Architect—Not given.
Contractor—G. Feroni & Sons, 1926 Fil-
bert St., San Francisco.

To Be Done by Day's Work.

APARTMENTS. Cost, \$16,000.
SAN FRANCISCO. NW 26th Ave and
Lake St.
Three-story and basement frame (6)
apartments.
Owner—Sellman & Andersen, 2152 Mar-
ket St., San Francisco.

Contract Awarded.

APARTMENTS. Cost, \$10,000.
BERKELEY, Alameda Co., Cal. 1418
Shattuck Ave.
Two-story 12-room frame apartment
house.
Owner—M. E. Van Kirk and J. D. Ar-
mitage.
Architect—Not given.
Contractor—G. N. Nickell, 1902 85th
Ave., Oakland.

Contract Awarded.

APARTMENTS. Cost, \$19,000.
OAKLAND, Alameda Co., Cal. S Icacon
St. 360 W Excelsior Avenue.
Two-story 16-room frame apartments.
Owner—Arthur H. and Mattie Hoover,
Cor. Hopkins and Fruitvale Ave.,
Oakland.

Architect—None.

Contractor—Harry C. Knight, 388 12th
St., Oakland.

Low Bidder.

APARTMENTS. Cost, \$106,000.
SAN FRANCISCO. Jackson St. near
Broderick St.
Two and three-story frame and plaster
apartment house.
Owner—Jas. W. Ward.
Architect—Albert Farr, 68 Post St.,
San Francisco.
Low Bidder—Wm. Martin 180 Jesse
St., San Francisco.

Plans Completed.

APARTMENTS. Cost, \$19,500.
SAN FRANCISCO. E Beckett 70 N
Jackson Street.
Three-story and basement concrete
(17) apartments.
Owner—Queen Ming, N2 Pacific and
Grant Ave., San Francisco.
Architect—P. E. De Martino, 246 Broad-
way, San Francisco.

Sub-Figures to Be Taken Next Week.

APARTMENTS. Cost, \$16,000.
SAN FRANCISCO. Fifth Ave near Cal-
ifornia St.
After three-story frame 24-room apart-
ment house (18 2-room and six
3-room apartments and eight gar-
ages).
Owner—Name withheld.
Architect—Arthur C. Scholz, Philan-
thropic Bldg., San Francisco.
Sub-figures will be taken for con-
crete work, plaster, electrical work,
plumbing, steam heating system, brick
work, roofing, sheet metal, fire escapes,
hardwood floors. The carpentry work
will be done by day's labor.

Plans Being Figured.

ALTERATIONS. Cost, \$2000.
SAN FRANCISCO. S Fulton W Scott
After three-story frame building into
six 4-room apartments.
Owner—Mr. W. S. Cohn.
Architect—Henry Shermund, Hearst
Bldg., San Francisco.
Figures are being taken for a gen-
eral contract, plumbing, heating and
painting.

BANKS

Figures Being Taken for Mechanical

Equipment. Cost, \$—.
BANK. SACRAMENTO, Cal. SW Sixth and E
Streets.
One-story Class A bank building.
Owner—Bank of Italy.
Architect—Geo. C. Seillon & Co., Mitun
Bldg., Sacramento.
General Contractor—K. E. Parker Co.,
Chunie Bldg., San Francisco.
Bids will be opened the end of next
week.

Contract Awarded.

BANK BLDG. Cost, \$109,000.
BERKELEY, Alameda Co., Cal. Ful-
ton St. opposite Kittredge St.
Two-story and basement reinforced
concrete bank building.
Owner—Federal Land Bank.
Architect—Jas. W. Plachek, 2014 Shat-
tuck Ave., Berkeley.
Contractor—Tilton & Vezey, 357 12th
St., Oakland.

BONDS

SAN RAFAEL. Marin Co., Cal.—Until
July 15, bids will be received by the
County Supervisors for the
\$25,000 bond issue of Larkspur School
District and \$20,000 issue of San An-
selmo School District; proceeds of
sales to finance school improvements.

MADERA. Madera Co., Cal.—Super-
visors will bond issues of a low school
\$12,000 of Madera City, \$20,000 and \$20,000
of Central School District; proceeds of
sale of bonds to finance school im-
provements.

SAN JOSE. Santa Clara Co., Cal.—Elec-
tion held in Penitentiary Union School
District to vote bonds of \$85,000 to finance
school improvements defeated. This
is the third time the issue failed, and
it is probable the district will be
consolidated.

OAKDALE. Stanislaus Co., Cal.—
August 12 bids will be received for
\$200,000 to enlarge main canal in prepa-
ration for storage reservoirs. A \$10,000
appropriation has been made by the
directors for drainage improve-
ment.

SANTA BARBARA. Santa Barbara
Co., Cal.—The \$200,000 bond issue for
the after farm repairs carried off the
10th of July 6.

TULARE. Tulare Co., Cal.—City Council has
adopted resolution ordering sale of
\$150,000 bond issue for public im-
provements, voted several weeks ago.

SANTA ROSA. Sonoma Co., Cal.—The
\$375,000 bond issue of the Santa Rosa
High School District sold for a
premium of \$23,288; proceeds of sale to
finance construction of high school
plans for which are being prepared by
Architect W. H. Weeks, 369 Pine St.,
San Francisco.

VISALIA. Tulare Co., Cal.—Until July
21 bids will be received by County Super-
visors for purchase of \$100,000 bond is-
sue of Cutler School District. Pro-
ceeds of sale are to finance 2-room ad-
dition to present school building.

FRESNO. Fresno Co., Cal.—Bonds of
\$100,000 voted in Central Union High
School District to finance construction
of new school. Selected a of an archi-
tect to prepare the necessary plans will
be made shortly.

REDDING. Shasta Co., Cal.—Until
Aug 8 bids will be received by County Su-
pervisors for purchase of \$100,000
bond issue of Redding Grammar School
District; proceeds of sale to finance
construction of new school, plans for
which are being completed by Archi-
tects Woollett and Lamb, Hazelton
Bldg., Sacramento.

SALINAS. Monterey Co., Cal.—Until
Aug 7 bids will be received by County Su-
pervisors for purchase of \$100,000 bond
issue of Monterey Union High School
District and \$10,000 issue of Del Monte
School District; proceeds of each sale
to finance school improvement. An-
drew & Tuttle are the architects on the
Del Monte School and Norman H. Con-
ner, 16 Kearny St., San Francisco, and
M. A. Dean of Pacific Grove on the
Monterey school.

GERBER. Tehama Co., Cal.—Election
will be held July 27, in Gerber Union
High School District to vote bonds of
\$20,000 to finance school improvements.
Trustees of district are: S. E. Con-
nelly, H. V. McKenna, S. A. Stillwell, D.
L. Adell and D. B. Langenwalter.

WOODLAND. Yolo Co., Cal.—Election
will be held Aug. 2 in Clarkston
Union School District to finance construction
of new school. Trustees of District are:
C. A. Fraser, Katherine Herbert Krull,
Joseph Soto, G. E. MacFarlane and M.
J. Holmes Herlinger.

SACRAMENTO, Cal.—Election will be held Aug. 5 in Pacific School District to vote bonds of \$4000 for school improvements. Trustees of district are Edwin Nicholas, Frank Hite and Chas. W. Hack.

LAKEPORT, Lake Co., Cal.—Election will be held July 17 to vote bonds of \$65,000 to extend water mains and \$10,000 to construct sewer and outfall sewer lines. John Felleman, city eng.

CHURCHES

Working Drawings Being Prepared
CHURCH Cost, \$—
PASADENA, L. A. Co., Cal.
Two-story and basement brick and hollow tile church.
Owner—Calvary Baptist Church.
Architect—Robert H. Orr, 1301 Van Nuys Bldg., Los Angeles.

Contract Awarded.
CHURCH Cost, \$23,500
OAKLAND, Cal. N 33rd St 253 W Telegraph Ave.
Two-story and basement frame church (except heating trim, hardware, light fixtures, organ, pews and furniture).
Owner—Christian Missionary Alliance of Oakland.
Architect—McCall & Wythe, Central Bank Bldg., Oakland.
Contractor—Walters & Grove, Monadnock Bldg., San Francisco.

Contract Awarded.
CLASS C BLDG. Cost, \$17,500
SAN FRANCISCO. Block bound by Amazon Ave., Italy, Vienna and Naples.
Two-story reinforced concrete Class C building.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Contractor—John J. Leonard, 180 Jessie St., San Francisco.

FACTORIES & WAREHOUSES

Grading Contract Awarded—Sub-Figures to Be Taken.
FACTORY. Cost, \$200,000
SAN FRANCISCO.—NW Battery and Vallejo.
Four-story and basement concrete factory building 137-6x137-6.
Owner—Petri Italian-American Cigar Co., Inc.
Designers and Superintendents of Construction—Del Favero & Rasori, 2042 Taylor St., San Francisco.
The excavating contract has been awarded to the Carlin Grading Co., 180 Jessie St., at \$9135. Sub-figures will be taken in two weeks.

Plans Being Prepared.
FACTORY Cost, \$—
SAN FRANCISCO. N Howard W 5th St.
One-story steel and concrete factory building.
Owner—Eames Co.
Architect—V. L. Politto, First National Bank Bldg., San Francisco.

Contract Awarded.
SHED BLDG. Cost, \$18,000
SAN FRANCISCO. SW Folsom and 14th Sts.
One and two-story reinforced concrete shop building.
Owner—E. Hickin, 409 6th St., San Francisco.
Architect—Powers & Ahnden, 160 Montgomery St., San Francisco.
Contractor—John Miller, 460 Montgomery St., San Francisco.

Plans Being Prepared.
FACTORY Cost, \$135,000
SAN BERNARDINO. San Bernardino Co., Cal. Third St. west of I St.
Four-story reinforced concrete factory.
Owner—Southern California Ice & Cold Storage Co.
Architect—Harold E. Jones, Katz Bldg., San Bernardino.

Plans Prepared—Work to Be Started Shortly.
WAREHOUSE Cost, \$14,000
CHERES, Stanislaus Co., Cal.
Stone tile, 30x200 ft., grain warehouse and bean cleaning plant.
Owner—T. E. Wilson, Ceres, Cal.
Architect—Not stated.

Plans Being Figured.
LOFT BLDG. Cost, \$15,000
SAN FRANCISCO. N Howard E Second
Three-story and basement reinforced concrete Class C loft building.
Owner—Bothin Real Estate Co.
Architect—Arthur S. Engbee, 26 Montgomery St., San Francisco.

Sketches Being Prepared.
LAUNDRY Cost, \$50,000
STOCKTON, San Joaquin Co., Cal. NE
Lafayette and California Sts.
One-story brick and concrete laundry building 92x150.
Owner—Exclusive Laundry.
Architect—Davis-Heller-Pearce Co., Delta Bldg., Stockton.

Low Bidder For Concrete Work—Sub-Figures Being Taken on the Balance of the Work.
FACTORY Cost, \$100,000
SAN FRANCISCO. N Folsom St. bet. Second and Third Sts.
Three-story and basement mill constructed candy factory building (reinforced concrete walls).
Owner—Collins-Hucke Co.
Architect—N. W. Sexton, Chronicle Bldg., San Francisco.
Adams & Aras, 150 Jessie St., submitted the lowest bid for the concrete work at approximately \$34,350.
As reported before, the grading and bulkheading has been awarded to the Atlas Concrete Co., 150 Jessie St., at \$2200.

Contract Awarded.
FULLING MFG. Cost, \$12,000
SAN FRANCISCO. Mission District.
One-story reinforced concrete building.
Owner—National Ice Cream Co.
Architect—Wm. Mosser, Nevada Bank Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contract Awarded on a Percentage Basis.
LOFT BLDG. Cost, \$55,000
SAN FRANCISCO. E Fremont bet. Market and Mission.
Four-story and basement reinforced concrete loft building.
Owner—Whitfield.
Architect—Sam Lighin, Hyman, Foxcroft Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

ELECTRICAL CONTRACT AWARDED
IRVINGTON, Alameda Co., Cal.—Vieux Bros. of Niles have been awarded a contract for the electrical wiring for the new factory building for Reid Bros., which is being erected in Irvington.

Plans Being Prepared.
LOFT BLDG. Cost, \$20,000
SAN FRANCISCO. Fremont St. bet. Howard and Folsom Sts.
Two-story and basement brick Class C loft building, 45-10x137-6.
Owner—Bothin Real Estate Co.
Architect—Arthur S. Engbee, 26 Montgomery St., San Francisco.

Contract Awarded.
ADDITIONS Cost, \$65,000
NAPA, Napa Co., Cal. Jackson St.
Heavy timber (concrete supports) 141 x141 ft. addition to packing plant; (2-ft. graders and bonds of 2360 tons capacity to be installed).
Owner—Growers' Packing & Warehouse Co., J. L. Underhill, supt., Jackson St., Napa, Cal.
Contractor—Vice Coast Construction Co., Clunie Bldg., San Francisco.
NOTE—The Growers' Packing Co. is a subsidiary of the California Prune and Apricot Assn.

SAN LUIS OBISPO, Cal.—Associated Oil Co. has started work on an industrial plant at Islay Rd. It will contain warehouse, gangway, offices and storage facilities for distribution system.

SACRAMENTO, Cal.—Architects Woollett & Lamb, Hagelstein Bldg., Sacramento, received the following bids on July 10 for the construction of a four-story reinforced concrete showroom and warehouse for Crane Company. It is to be erected on Front and M streets in Sacramento. Bids are to be forwarded to the main office in Chicago, with recommendation to award to the lowest bidder.

General Contractor
McGillivray Construction Co.,
Brighton, Sacramento ... \$136,300
Wm. C. Keating, Sacramento ... \$137,500
Wm. Murrell, Sacramento ... \$141,964
Geo. P. Hudnutt, Inc., Sacto. ... \$147,000
Mathews Constr. Co., Sacto. ... \$147,770
Herdon & Finnigan, Sacto. ... \$176,800
Hollender Constr. Co., Sacto. ... \$176,822
Bet & Mabrey, Sacramento ... \$199,921

Elevators
Van Emom Elevator Co., 1161
Howard St., San Francisco ... \$9891
Pac. Elev. & Equip. Co., S. F. ... \$10,490
Otis Elev. Co., San Francisco ... \$10,690

Plumbing
Luppen & Hawley & Thing, Sacto. ... \$1850
Latourrette-Fical Co., Sacto. ... \$1890
Ralph Francis, Sacramento ... \$2382
Hateley & Hateley, Sacramento ... \$2417
Scott Lyman & Stack, Sacto. ... \$2434

Heating
Hateley & Hateley, Sacto. ... \$3067
H. G. Waterman ... \$3200
Luppen & Hawley & Thing ... \$3210
Ralph Francis ... \$3365
Scott Lyman & Stack ... \$3572
Combination Bid of Plumbing and Heating
Covles & Co., 1210 K St., Sacto. ... \$7955

FLATS

Contract Awarded.
FLATS Cost, \$12,000
SAN FRANCISCO. E Franklin 40 S Francisco St.
Three-story frame (3) flats.
Owner—E. Broeckel, Rivoli Hotel, Grant Ave., San Francisco.
Architect—Italo Zanolini, 504 Montgomery St., San Francisco.
Contractor—G. Ferroni & Sons.

Contract Awarded.
FLATS Cost, \$10,578
OAKLAND, Alameda Co., Cal. SE 10th St. 100 E 29th Ave.
Two-story 12-room frame flats and garage.
Owner—J. O'Keefe, 15th and Brush Sts., Oakland.
Contractor—J. F. Loughery, 705 31st St., Oakland.

Contract Awarded.
FLATS Cost, \$50,000
SACRAMENTO, Cal. 1116 to 1122 4th St. bet. K and L.
Five-story rooming house and store building (first unit).
Owner—St. George Hotel Co., 1007 1/2 4th St., Sacramento.
Contractor—Frank Lobbs.

Contract Awarded.
FLATS Cost, \$18,000
SAN FRANCISCO. N Jackson 115 E. Broadway.
Two-story and basement frame (2) flats.
Owner—H. Kalisky.
Architect—F. Patterson Ross, 310 California St., San Francisco.
Contractor—Ira W. Coburn, Hearst Bldg., San Francisco.

Plans Being Prepared.
FLATS Cost, \$12,000
SAN FRANCISCO. 15th Ave. near Cabrillo.
Two-story frame and plaster flat building (two 6-room flats and basement garage).
Owner—George Devine.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contract Awarded.
FLATS Cost, \$12,300
SAN FRANCISCO. E Fifth Ave. 126 S Parnassus Ave.
Two-story and basement frame (2) flats.
Owner—Augusta A. Asplund, 1318 4th Ave., San Francisco.
Architect—None.
Contractor—Nels P. Johnson, 1934 Folsom St., San Francisco.

Plans Being Figured.
FLATS—Cost, \$12,000
SAN FRANCISCO, Fourteenth Ave. bet. Balboa and Cabrillo Sts.
Owner—Dr. Louis Constine.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contract Awarded.
FLATS—Cost, \$21,000
SACRAMENTO, Cal. 2426 L St.
Two-story frame (four 4-room) flats.
Owner—Mrs. Hazel Dundale, Woodland.
Architect—Not given.
Contractor—Thos. Hunt, 2926 S St., Sacramento.

GARAGES

Low Bidder.
GARAGE—Cost, \$17,854
SAN FRANCISCO, SW Divisadero and Grove Streets.
One-story and mezzanine reinforced concrete garage, 106x100.
Owner—Frank Clark.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Low Bidder—La Vannucci, 16th and Church Sts., San Francisco.

To Be Done by Day's Work.
GARAGE—Cost, \$8,000
SAN FRANCISCO, N Geary 30 W 3rd Avenue.
One-story and mezzanine reinforced concrete public garage.
Owner—Adams Arras, 180 Jessie St., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.

GOVERNMENT WORK AND SUPPLIES

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., June 30, 1922.—**SEALED PROPOSALS** will be opened in this office at 3 P. M., July 27, 1922, for furnishing and installing lighting fixtures in the U. S. Veterans Hospital, at Palo Alto, Calif., in accordance with the drawings and specifications, copies of which may be had at this office in the discretion of the Supervising Architect. JAS. A. WETMORE, Acting Supervising Architect.

WASHINGTON, D. C.—Until July 21, 10:30 a. m., bids will be received by Panama Canal Commission, under Circular No. 2295, for furnishing and delivering Balboa, Pacific Port, free of all charges: Centrifugal Pumps, Range Boilers, Corn Brooms, Duster Brushes, Brass Screws, Machine Bolts, Fish Plates, Calks, Lenses, Duct Pins, Telephone Cords, Asbestos Gaskets, Asbestos Packing, Rubber Hose, Shannon Files, Floor Wax, Flax Twine, Emery Cloth, Mop Heads, Floor Brushes, Whiting, Liquid Coal Tar, Creosoted Piles, etc.

SEALED PROPOSALS will be opened by the Supt. of Lighthouses, San Francisco, Calif., at 2 o'clock p.m., August 10th, 1922, for constructing hollow tile dwellings and fog signal building at Pt. Vincente, Calif. Information on application.

MARE ISLAND, Cal.—Bids will be called for shortly for circulating loop for Central Power Plant at Mare Island under Specification No. 4684. See call for bids under Official Proposals.

WASHINGTON, D. C.—Following is list of prospective bidders to const. ordnance buildings, railroad track etc., at Pearl Harbor, T. H., under Specification No. 4566, bids for which will be opened by Bureau of Yards and Docks, Navy Dept., Aug. 2:
Donnell-Zane Co. Inc., Woolworth Bldg., New York city; **David Lupton's Sons**, Allegheny Ave. and Tulip St., Philadelphia; **Banks & Resh**, Board of Trade Bldg., Norfolk, Va.; **American Bridge Co.**, Washington; **Crane Co.**, Washington; **Johns-Manville Co.**, San Francisco; **Newport Contracting & Engineering Co.**, Newport News, Va.; **W. E. Stephens**, Cutler Bldg., Rochester, N. Y.; **Blaw-Knox Co.**, Bayard and War-

ner Sts., Baltimore, Md.; **Pittsburgh Des Moines Steel Co.**, Munsey Bldg., Washington; **Penn Bridge Co.**, Beaver Falls, Pa.; **Truscon Steel Co.**, 2 Rectort St., New York city; **H. H. Robertson Co.**, Equitable Bldg., Baltimore; **McClintic-Marshall Co.**, P. O. Box 1634, Pittsburgh; **Wright Mfg. Co.**, Lisbon, Ohio.

Prospective bidders to const. quay walls and pier at Pearl Harbor, T. H., under Spec. 4591, are: **Frank Service Corp.**, 8 W 40th St., New York city; **Triest Contracting Corp.**, 126 E. 53th St., New York city; **Woods Bros. Construction Co.**, Lincoln, Nbrv. Date to open bids on this work not yet set.

WASHINGTON, D. C.—Until Aug. 18, bids will be rec by U. S. Reclamation Service for radial gates, radial gate hoists, geared hoist, operating machinery, etc., for the Riverton project, Wyoming, requiring about 170,000 lbs. metal work. Address Reclamation Service, Washington, Denver or Riverton, Wyoming.

WASHINGTON, D. C.—**Littlejohn & Hudson**, 821 15th St., San Washington, at \$17,400 awarded contract by Supervising Architect, Treasury Department, Washington, D. C., to construct sewage disposal plant at Public Health Service Hospital, Tucson Ariz. Time for completion, 70 days.

WASHINGTON, D. C.—A \$1,200,000 appropriation to finance construction of postoffice and public building at Oakland, Calif., is sought in a bill introduced by Senator Shortridge.

WASHINGTON, D. C.—Supervising Architect, Treasury Department, rejects bids to remodel sewage tank, etc., at Public Health Service Hospital, Fort Bayard, N. M. Work abandoned.
 Bids rejected to construct electric light power and telephone system at Whipple Barracks, Arizona.

WASHINGTON, D. C.—Bureau of Supplies and Accounts, Navy Department, taking bids for materials for Navy Yards, data for opening bids as noted at end of each paragraph:
 Schedule 13. Eastern and Western yards, miscellaneous magnesia pipe covering; August 8.

Sched. 14. Mare Island, 100,000 lbs. venetian red; Aug. 8.
 Sched. 9611. Eastern and Western yards, large quantities of bar steel; Aug. 8.
 Sched. 9612. Mare Island and Puget Sound, 34,500 lbs. sheet steel and 5000 lbs. do; Aug. 1.
 Sched. 9613. Eastern and Western yards, large quantities of plate steel; Aug. 1.
 Sched. 9614. Eastern and Western yards, large quantities of steel shapes; Aug. 1.
 Sched. 9645. Eastern and Western yards, 106 hand drill, 64 soldering irons, side-cutting pliers, 68 gasoline torches, 1950 pipe wrenches, 114 doz files, and 9 chain blocks.

HALLS AND SOCIETY BUILDINGS

Figures To Be Taken in About Two Weeks.
CLUB BLDGS. Cost, \$200,000 approx.
TANFORD RACE TRACK, San Mateo Co., Cal.
Two-story frame and plaster club building and steel and frame grand stand.
Owner—Pacific Coast Jockey Club, Howard Spreckels, Secretary, 913 First National Bank Bldg., San Francisco.
Architect—G. A. Applegarth, Claus Spreckels Bldg., San Francisco.

Plans Prepared.
CLUBHOUSE—Cost, \$25,000
OAKDALE, Stanislaus Co., Cal.
Two-story and basement brick clubhouse, 47x85 ft.
Owner—Stanley L. Collins Post, American Legion, Oakdale.
Architect—G. N. Hilburn, Turlock.

SANTA MONICA, L. A. Co., Cal.—**Archts. Russell & Alpaugh**, 1106 Story Bldg., L. A., have been selected to prepare plans for a new lodge bldg. at Santa Monica for Santa Monica Lodge No. 306, B. P. O. E. It will probably be a four-story brick building for lodge and club purposes only and will cost about \$250,000.

SANTA BARBARA, Santa Barbara Co., Cal.—**Santa Barbara Lodge of Elks** has purchased site at northeast corner of Chapala and Figueroa streets, on which will be erected a 2-story fireproof lodge building and basement to contain gymnasium and heating plant, 1st floor lodge room, banquet rooms, club rooms and dance hall; 2nd floor will be given over to rooms for bachelor members. Est. cost \$150,000.

MERCED, Merced Co., Cal.—**Merced Swimming Assn.** plans construction of a swimming pool near Bear Creek, bet. L and M Sts. Est. cost, \$7000. **Schilling and Mungatroy**, proprietors.

HOSPITALS

STOCKTON, San Joaquin Co., Cal.—The following bids were received on July 10th, by Eugene Graham, Clerk of San Joaquin County for the construction of a two-story isolation building to be erected at the County General Hospital at French Camp. Plans were prepared by architect Ralph P. Morrell, L. A. O. R. Building, Stockton. The contract will be awarded to Frank Tucker, 321 North Sierra Nevada St., Stockton, for brick construction (after modifications are made on the plans). Bids were taken as follows: (1) brick; (2) tile; (3) reinforced concrete.
 Frank Tucker, Stockton (1) \$47,600; (2) \$47,271; (3) \$46,729.
 Earle Hubbard, Patterson (1) \$49,975; (2) \$50,375; (3) \$50,000.
 Shultz & Zinck, Stockton (1) \$51,494; (2) \$52,271; (3) \$50,482.
 J. Gaysinger, Stockton (1) \$52,997; (2) \$52,050; (3) \$51,500.
 Sampel & Cody, Sacramento (1) \$55,800; (2) \$57,000; (3) \$55,800.
 John Morton, San Francisco (1) \$58,325; (2) \$58,950; (3) \$57,700.
 H. H. Larsen Bros., San Francisco (1) \$65,494; (2) \$66,800; (3) \$65,500.

REDWOOD CITY, San Mateo Co., Cal.—Until Aug. 7, 10 a. m., bids will be rec. by Elizabeth M. Nash, county clerk, to const. one-story frame tubercular hospital at Beresford. Will H. Toepke, architect, 717 Market St., San Francisco. See call for bids under official proposal section in this issue.

REDWOOD CITY, San Mateo Co., Cal.—Until Aug. 7, 10 a. m., bids will be rec. by Elizabeth M. Nash, county clerk, for hardware, incinerator, painting, elevator and linoleum for County Hospital building. Will H. Toepke, architect, 717 Market St., San Francisco. See call for bids under official proposal section in this issue.

HOTELS

Plans Being Prepared.
HOTEL—Cost, \$200,000
ASTORIA, Oregon.
Fireproof hotel building.
Owner—Nash Hotel until plans are further progressed.
Architect—Tourtelotte & Hummel, Failing Bldg., Portland, Ore. C. T. Diamond, associate architect, Astoria.

Work Started—To Be Done by Day's Work.
HOTEL—Cost, \$200,000
RICHARDSON SPRINGS, Butte Co., Cal. near Chico.
Five-story and basement reinforced concrete hotel (100 rooms).
Owner—Richardson Bros.
Architect—Clay N. Burrell, 1st Trust Bldg., Oakland.
Plans—This is now being laid. **Ed. L. Soule Co.** have been awarded a contract for the reinforcing steel.

Contract Awarded
DORMITORY Cost, \$14,000
FRESNO, Fresno Co., Cal. No. 2004
 College Ave.
Dormitory
 Owner—L. A. Montandon.
 Architect—None.
 Contractor—Richard Bros., Blackstone
 and McKinley Sts., Fresno.

POWER PLANTS

TURLOCK, Stanislaus Co., Cal.—(In-
 the AUG. 3, 2 bids will be rec. by
 Turlock Irrigation District to const. 28
 mi. 66,000-volt transmission line. Bids
 will be taken as follows: (1) lump sum
 for line complete, the contractor to
 furnish all materials; (2) contractor to
 furnish labor only, district to fur-
 nish materials; (3) for furnishing ma-
 terials about 200 steel towers, 173 mi.
 wire (either copper or steel reinforced
 aluminum), 6000 suspension type insu-
 lators with fittings, switchboard panel,
 lightning arrestors and oil circuit
 breaker. K. V. Mogle, chief eng. for
 district. See call for bids under offi-
 cial proposal section in this issue.

PUBLIC BUILDINGS

REDDING, Shasta Co., Cal.—Ameri-
 can Legion requests County Super-
 visors to levy tax of 3 mills on the dol-
 lar this year, to secure funds to erect
 memorial buildings at Redding and
 Anderson. The levy would produce
 about \$15,000, which would be adequate
 to finance both structures.

RESIDENCES

July 7, 1922
To Be Done by Day's Work.
RESIDENCE Cost, \$16,000
PALO ALTO, Santa Clara Co., Cal.
 Two-story frame and plaster residence
 and garage.
 Owner—L. D. Mills, 121 2nd St., San
 Francisco.
 Architect—Chas. E. Gottschalk, Phelan
 Bldg., San Francisco.

Figures to Be Taken Next Week.
RESIDENCE Cost, \$10,000
SAN MATEO, San Mateo Co., Cal. San
 Mateo Park.
 One-story frame and plaster residence.
 Owner—Mr. Perrin.
 Architect—Ernest Norberg, Balboa
 Bldg., San Francisco, and 407 Occi-
 dental Ave., Burlingame.

Bids Opened. Cost, \$8000
RECTORY
VALLEJO, Solano Co., Cal.
 Two-story frame 8-room rectory.
 Owner—Ascension Church.
 Architect—C. E. Perry Jr., 514 Main St.,
 Vallejo.
 S. J. Weeks and H. H. Dubnoff.
 Vallejo \$7719.50
 Fletcher & Warren \$643.60
 D. Paganini \$299.00
 H. S. Averill \$369.00
 Bids were taken under advisement.

Plans Being Figured. Cost, \$16,000
RESIDENCE
SAN ANSELMO, Marin Co., Cal.
 One-story, hollow brick seven-room
 residence.
 Owner—Withheld.
 Architect—Chas. W. McCall, Central
 Bank Bldg., Oakland.

Plans Being Prepared—Figures to Be
Taken in Two Weeks. Cost, \$7000
RESIDENCE
BURLINGAME, San Mateo Co., Cal.
 One-story frame and plaster residence.
 Owner—Mr. John.
 Architect—Justin Hudson Thomas, First
 Natl. Bank Bldg., Berkeley.

Plans Being Figured. Cost, \$10,000
RESIDENCE
BERKELEY, Marin Co., Cal.
 Two-story frame residence.
 Owner—Mrs. I. P. Rice.
 Architect—Albert Farr and J. F. Ward,
 68 Post St., San Francisco.

Contract Awarded. Cost, \$25,000
RESIDENCE
VINEBURG, Sonoma Co., Cal.
 Two-story stone residence.
 Owner—Walter Bundscher.
 Architect—Albert Farr and J. F. Ward,
 Foxcroft Bldg., San Francisco.
 Contractor—C. M. Moore, 77 O'Farrell
 St., San Francisco.

Plans Being Figured Cost, \$10,000
RESIDENCE
STOCKTON, San Joaquin Co., Calif.
 Hours Park.
 Two-story seven-room frame residence
 Owner—Dr. Nelson Katz.
 Architect—Ralph P. Morrell, I. O. O. F.
 Bldg., Stockton.

Contract Let. Cost, \$2500
RESIDENCE
SAN FRANCISCO. Thirty-seventh Ave.,
 between Balboa and Cabrillo.
 One-story and basement frame (5-rm.)
 residence.
 Owner—T. J. Ryan.
 Architect—A. W. Richardson, 2581 Mis-
 sion St., San Francisco.
 Contractor—Emil Ichters, 754 Duboce
 Ave., San Francisco.

Low Bidders. Cost, \$12,000
RESIDENCE
SAN FRANCISCO. St. Francis Wood.
 Two-story frame and plaster residence.
 Owner—J. A. Carlson.
 Architect—H. H. Gutterson 278 Post
 St., San Francisco.
 Contractors—McIntosh Bros., 180 Jes-
 sie St., San Francisco.

Plans Being Figured. Cost, \$12,000
RESIDENCE
SAN FRANCISCO. St. Francis Wood.
 Two-story and basement frame and
 plaster residence.
 Owner—Dr. J. A. Eason.
 Architect—H. H. Gutterson. 278 Post
 St., San Francisco.

To Be Done by Day's Work. Cost, \$11,000
RESIDENCE
OAKLAND, Cal. NE E. 14th St and
 27th Ave.
 Two-story 12-room frame residence.
 Owner—H. K. Larsen, 2530 E 14th St.,
 Oakland.

Plans Being Figured. Cost, \$7000
RESIDENCE
SAN FRANCISCO. Hidalgo Terrace.
 One-story frame and stucco residence
 (six rooms, sleeping porch and gar-
 age)
 Owner—Name withheld.
 Architect—Arthur S. Bugbee, 26 Mont-
 gomery St., San Francisco.

Plans Being Figured. Cost, \$5000
RESIDENCE
SAN FRANCISCO. Jordan Park.
 ALTER two-story and basement frame
 residence.
 Owner—Name withheld.
 Architect—Arthur S. Bugbee, 26 Mont-
 gomery St., San Francisco.

Plans Being Prepared. Cost, \$20,000
RESIDENCE
HOLISTER, San Benito Co., Cal.
 Two-story frame and stucco residence
 and garage (12 rooms).
 Owner—Name withheld.
 Architect—Wyckoff & White, Growers
 Bank Bldg., San Jose.

Contract Awarded. Cost, \$20,000
ADDITION
BERKELEY, Alameda Co., Cal. 5329
 Hearst Ave.
 Addition to fraternity house.
 Owner—Chi Phi, premises.
 Architect—Not given.
 Contractor—Chas. Stockholm & Sons,
 Monadnock Bldg., San Francisco.

Contract Awarded. Cost, \$23,750
5 COTTAGES
RICHMOND, Contra Costa Co., Cal. E
 Key bet. Barrett and Roosevelt.
 and McLaughlin bet. Esmond and
 McBryde.
 Five one-story frame cottages.
 Owner—Bay City Home Builders, 24
 Montgomery St., San Francisco.
 Contractor—Geo. Wagner, 251 Kearny
 St., San Francisco.

Contract Awarded. Cost, \$30,670
RESIDENCE
OAKLAND, Alameda Co., Cal. Hillside
 Ave.

Two-story frame and plaster residence.
 Owner—R. C. Warner, 210 Hillside
 Ave., Piedmont.
 Architect—Chas. W. McCall, Central
 Bank Bldg., Oakland.
 Contractor—Alfred Petersen, 3918 Lin-
 wood Ave., Oakland.

SCHOOLS

Plans Being Prepared. Cost, \$450,000
DORMITORY
PALO ALTO, Santa Clara Co., Cal. Uni-
 versity Grounds.
 Two and three-story reinforced con-
 crete dormitory building.
 Owner—Leland Stanford Jr. Univer-
 sity, A. E. Roth, Comptroller.
 Architect—Bakewell & Brown, 251
 Kearny St., San Francisco.
 Construction will be started in about
 six months.

Work to Be Started in About Two
Weeks. Cost, \$200,000
DINING HALL
PALO ALTO, Santa Clara Co., Cal. Uni-
 versity Grounds.
 One-story reinforced concrete dining
 hall building (10 dining rooms
 connected by arcades).
 Owner—Leland Stanford Jr. Univer-
 sity.
 Architect—Bakewell & Brown, 251
 Kearny St., San Francisco.
 A contractor will be selected within
 the next two weeks, and work will be
 carried on under the cost-plus basis.

Work to Start in About Two Weeks. Cost, \$400,000
DORMITORY
PALO ALTO, Santa Clara Co., Cal. Uni-
 versity Grounds.
 Two and three-story reinforced con-
 crete dormitory building.
 Owner—Leland Stanford Jr. University
 A. E. Roth, Comptroller.
 Architect—Bakewell & Brown, 251
 Kearny St., San Francisco.
 A contractor will be selected within
 the next two weeks and work will be
 carried on under the cost-plus basis.

Working Drawings Being Prepared. Cost, \$48,000
SCHOOL
SAN LORENZO, Alameda Co., Cal.
 One-story frame school (6 rooms and
 an auditorium).
 Owner—San Lorenzo School District.
 Architect—Henry C. Smith, Humboldt
 Bank Bldg., San Francisco.
 Plans will be ready for figures in
 about two weeks.

Plans Being Figured—Bids Close Aug.
1922, 10 a.m. Cost, \$90,000
SCHOOL
VENICE, Los Angeles Co., Cal.
 Two-story brick auditorium, 75x145.
 Owner—Venice Union High School Dis-
 trict.

Architect—Russell & Alpaugh, Story
Bldg., Los Angeles.
 Bids will be taken separately for
 general work, plumbing and heating,
 wiring and painting.

Low Bidders. Cost, \$
SCHOOL
CARRUTHERS, Fresno Co., Cal.
 Seven-room and auditorium school.
 Owner—Carruthers School District.
 Architect—E. W. Peterson, Cory Bldg.,
 Fresno.
General Contract
 Coleman & Spiedel, 180 Jessie
 St., San Francisco \$71,568
 Barkel & Gould 75,555
Erection, Concrete and Carpentry
 R. Pederson, Fresno \$39,940
Heating
 Neibert Bros., Fresno \$9,959
 Luppen-Hailey & Thibault 10,488
Electrical Work
 Fresno Electric Co. \$1975

Contract Awarded. Cost, \$3100 each
SCHOOL BLDGS.
SANTA CRUZ, Santa Cruz Co., Cal.
 Bay View School Site and Laurel
 School Site.
 Two school buildings.
 Owner—Santa Cruz Board of Education
 Architect—None.
 Contractor—Hamilton & Church, Santa
 Cruz.

Plans Being Prepared.
SCHOOL BLDGS. Cost, \$65,000
OROSI, Tulare Co., Cal.
Physical Education building, Manual
Arts building and Science building,
brick construction.
Owner—Orosi Union High School Dis-
trict.
Architect—Ernest J. Kump Co., 297-S
Rowell Bldg., Fresno.

Working Drawings Being Prepared.
SCHOOL. Cost, \$30,000
SARATOGA, Santa Clara Co., Cal.
One-story frame and stucco school (4
rooms and auditorium).
Owner—Saratoga Grammar School Dis-
trict.
Architect—Wyckoff & White, Growers'
Bank Bldg., San Jose.
Bonds to the amount of \$55,000 have
been voted.

Plans Being Figured—Bids Close July
22, 1922. Cost, \$50,000 and \$100,000
respectively.
GILROY, Santa Clara Co., Cal.
One-story 6-room frame and stucco
Junior High School and a 14-room
frame and stucco Elementary
School.
Owner—Gilroy School District.
Architects—Wyckoff & White, Growers'
Bank Bldg., San Jose.
Figures are being taken for a general
contract, with separate bids for
the plumbing and heating. Plans may
be obtained from the architects on a
deposit of \$25. The heating plans may
be obtained from Leland & Haley, en-
gineers, Holbrook Bldg., San Francisco.

Figures to Be Taken Shortly.
SCHOOL. Cost, \$44,000
MORGAN HILL, Santa Clara Co., Cal.
One-story frame and plaster school.
Owner—Morgan Hill Grammar School
District.
Architect—W. H. Weeks, 369 Pine St.,
San Francisco.

Plans Being Figured.
Bids Close July 22, 1922, 2 p.m.
SCHOOL. Cost, \$35,000
SAN MARTIN, Santa Clara Co., Cal.
One-story frame and plaster school.
Owner—San Martin Grammar School
District.
Architect—W. H. Weeks, 369 Pine St.,
San Francisco.

Figures are being taken as follows:
General contract, heating, electric fix-
tures and window shades. Plans may
be obtained from the architect's of-
fice.

Contracts Awarded.
SCHOOL. Cost, \$40,000
IRVINGTON, Alameda Co., Cal.
One-story frame and plaster school (6
rooms and an auditorium).
Owner—Irvington Grammar School
District.
Architect—Henry C. Smith, Humboldt
Bank Bldg., San Francisco.
General Contract to Wynn Bros., 251
Kearny St., at \$35,870.
Heating to J. A. Nelson, 517 6th St., at
\$3458.
Plumbing to Scott Co., at \$3492.

Plan to Award Contracts Saturday.
SCHOOL. Cost, \$—
CARRUTHERS, Fresno Co., Cal.
Seven-room and auditorium school.
Owner—Carruthers School District.
Architect—E. W. Peterson, Cory Bldg.,
Fresno.

The following is a list of the low bid-
ders:

General Contract	
Coleman & Spiedel, 180 Jessie	St., San Francisco
Excavation, Concrete and Carpentry	
R. Pederson, Fresno	\$39,940
Heating and Plumbing	
Luppen-Hawley & Thng, Sacto.	\$9,999
Electrical Work	
Fresno Electric Co., 2320 Tulare	St., Fresno
	\$1975
Roofing	
Fibrestone & Roehng Co., S. F.	\$3739
Painting	
R. Zelinsky, 180 Jessie St., S. F.	\$1350
Plastering	
E. O. Ward	\$7019
Brick Work	
Paul Kladler, 145 N. Van Ness	Fresno
	\$11,900

WATSONVILLE, Santa Cruz Co., Cal.
Until July 29, 7:30 P. M., bids will be
received by Jas. A. Hall, Clerk, Wat-
sonville School District, to construct a
two-classroom addition to Watsonville
school. Wyckoff & White, Architects,
Growers' Bank Bldg., San Jose. See
call for bids under official proposal
section in this issue.

SANTA CRUZ, Santa Cruz Co., Cal.—
Until July 21, 8 P. M., bids will be
received by W. W. Lincoln, Secretary,
Board of Education, to construct gym-
nasium building. Plans may be obtain-
ed from the clerk.

LOS ANGELES, Cal.—Bavin &
Burch Co., 173 E. Jefferson St., was
awarded gen. contr. at \$77,950 for
erecting girls' gymnasium at L. A.
High School site. Contr. was let on
basis of bid of \$35,650 with deductions
of \$4500 for cast stone trim and \$7500
for omitting shower and dressing
rooms. Other contracts let were:
Plumbing to W. S. Goodrich at \$670;
heating to J. H. Hoken at \$874; painting
to Arenz-Warren Co. at \$3246; and wire-
ing to Prewitt Elec. Co. at \$1197; John
C. Austin, 1125 Baker-Detweiler Bldg.,
L. A., archit. All bids for erecting a
boys' gymnasium were rejected.

PASADENA, L. A. Co., Cal. Wos-
schall Bros., 360 S. Raymond Ave.,
Pasadena, was awarded the gen. contr.
at \$12,520 for erecting 2 units of the
George Washington School site on
Monk Hill. Other awards were: Arenz-
Warren Co., painting, \$4731; Wm. Cre-
der, plumbing, \$12,690; Prewitt Elec.
Co., wiring, \$2153.37; Hawley Co.,
heating, \$9649; Allison & Allison, Hi-
bernian Bldg., L. A., archts. 8-rm. pri-
mary bldg. and 8-rm. elementary bldg.
Brick const., plas. exter., clay tile fl.

PACIFIC GROVE, Monterey Co., Cal.
—Until July 24, 8 p. m., bids will be
received by Pacific Grove High School
District, J. J. Williams, clerk, to con-
struct community shop building. Tuttle
and Angell, architects, 585 Lighthouse
avenue, Pacific Grove. See call for bids
under official proposal section in this
issue.

FOET JONES, Siskiyou Co., Cal.—D.
M. Reid, Grenada, Cal., at \$33,422, for
concrete construction awarded contr.
by Siskiyou Union High School Dis-
trict to const. high school. Loucks
Plumbing Co., Yreka, at \$8150 awarded
contract for plumbing, and Electric
Supply Co., Yreka, at \$1446 for elec-
tric work.
For frame construction, under general
contract, Reid bid \$29,860. Following
bids rec. for general contract:
Coffey Bros., Klamath Falls, Ore., frame
\$37,484, concrete \$43,000.

Miles Stuart, Montague, Cal., frame
\$44,296, concrete \$47,196.

C. L. Nowel, Yreka, frame \$31,000,
concrete, \$36,000.

F. L. McLaughlin, San Francisco,
frame \$37,900; concrete \$41,900.
For plumbing, Medford Modern
Plumbing & Heating Co., Medford,
Ore., bid \$9090 and Pinkerton Co., San
Francisco, for plumbing and heating,
\$11,330.

SANTA ROSA, Sonoma Co., Cal.—
Until July 24, 11 a. m., bids will be
received by Sara N. Hatch, secretary,
Santa Rosa High School District, to

repaint Burbank school building. Spor
may be obtained from Wm. Herbert,
architect, City Hall, Santa Rosa.

RENO, Nevada—Officials of the Ne-
vada State University are planning
to construct a 40-ft. addition to the
gymnasium building to house locker
and shower rooms and one classroom.
Other improvements of a small nature
are planned to be undertaken this
year.

SHAFER, Kern Co., Cal.—Until
July 22, 11 a. m., bids will be received
by H. M. Cowan, clerk, Shafter Gram-
mar School District to construct one-
story masonry and brick school, Or-
ville L. Clark, architect, Brower Bldg.,
Bakersfield. See call for bids under
official proposal section in this issue.

SULTANA, Tulare Co., Cal.—Until
July 26, 3 p. m., bids will be received
by Edw. F. Scruggs, clerk, Sultana
Elementary School District, to erect
4-room and auditorium, including
works, school building. Ernest J.
Kump Co., architects, Rowell Bldg.,
Fresno. See call for bids under official
proposal section in this issue.

MADERA, Madera Co., Cal.—Until
July 22, 3 p.m., bids will be rec. by
Morton H. Tyrrell, clerk Madera City
School District, to erect Science and
Arts building, addition to Lincoln
Grammar School; 2-rm. primary school
and 1-rm. addition to Pershing School.
Ernest J. Kump Co., archts., Rowell
Bldg., Fresno. See call for bids under
official proposal section in this is-
sue.

STOCKTON, San Joaquin Co., Cal.—
Until July 24, 7:30 p.m., bids will be
received by Ansel S. Williams, secy.
Board of Education, to const shop and
make alterations to high school. Est.
cost, \$20,000. Louis S. Stone, architect,
Belding Bldg., Stockton. See call for
bids under official proposal section in
this issue.

CHICO, Butte Co., Cal.—L. Van
Vlack, Chico, at \$5887 submits low bid
to Board of Education to repair old
high school; E. J. Lauterio, Chico, low
bidder to repair two Cakdale schools.
Berger Mfg. Co. bid \$1804 to install
300 lockers in old school building;
Richardson Furniture Co. bid \$2214 for
both wall and back to back type of
locker, and Tucker-Fulker Desk Co.
bid \$567 for wall type and \$512 for back
to back type. All bids taken under
advisement.

BAKERSFIELD, Kern Co., Cal.—
Currie & Dulgar, Kern County Land
Bldg., Bakersfield, submit low bid to
Board of Education to const. additions
to Emerson and Williams Grammar
Schools, at \$29,400 and \$34,000, re-
spectively. They will be awarded the
contracts. O. L. Clark of Bakersfield
is the architect.

WATERFORD, Stanislaus Co., Cal.—
Until July 25, 3 p.m., bids will be rec.
by H. T. Leask, clerk Waterford School
District, for completion of Class Room
No. 2, cloak room and library at Water-
ford, architect, 919 1/2 St. Morris. Plans
may be had from clerk or architect on
deposit of \$10.

BERKELEY, Alameda Co., Cal.—Un-
til July 25, 3 p.m., bids will be rec.
by Clyde Blanchard, secy. Board of
Education, 2133 Allston Way, to const.
fence at Columbus School, 8th St. and
Allston Way, and another at Emerson
School, Piedmont and Forest Sts.
Sacs. may be had from secy.

SANTA ANA, Orange Co., Cal.—John
Simpson Co., 701 Antonio St., Los An-
geles, was awarded contr. at \$69,598
for the North Main St. (Washington)
school bldg. The bldg. will be of brick
construction. Plans prepared by F. H.
Eley, West Fifth St., Santa Ana, and
Theo. C. Kistner, 229 Spurgeon Bldg.,
Santa Ana, assoc. archts. Other bid-
ders: C. A. Barrows, \$97,126; Bowman
& Preble, \$88,000; Eckles, Lowenson &
Wolstercraft, \$104,750; S. Hill & Son,
Santa Ana, were awarded the heat-
ing contract at \$3492.

A. E. Leitch Fred Clark

CLARK & LEITCH

ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

LAWNLAND, Los Angeles Co., Cal.—C. E. Downs, 3299 S. Normandie Ave., was awarded the general contract at \$39,601.24 for erecting new brick, 6-rm. school bldg. at Lawndale. A. S. Nibler Jr., Washington Bldg. Archt., the contract was awarded on the original bid of \$33,276.24 with deductions of \$909 for omitting fireplaces; \$400 for hyloplate blackboards, and \$1275 for comp. rig. instead of the. Other contracts let were: Electrical work to A. C. Rice Co. at \$1227; plumbing to H. G. Cary at \$2945; and heating to Williams Radiator Co. at \$1500. Bids for painting were accepted and work will be re-advertised.

SANTA ROSA, Sonoma Co., Cal.—Until July 24, 11 a.m., bids will be rec. by Sarah N. Hatch, clerk, Board of Education, to const. one-room portable school. Spec. may be had from Architect Wm. Herbert, City Hall, Santa Rosa.

MADERA, Madera Co., Cal.—Until July 26, 10 a.m., bids will be rec. by Frank J. Hauer, clerk Tharsa School District, to install automatic water pressure system at Tharsa School. Spec. may be had from clerk at Madera.

ENTERPRISE, Tulare Co., Cal.—Until July 25, 2 p.m., bids will be rec. by H. H. Chandler, clerk, Exeter Grammar School District, to erect brick veneer grammar school, separate bids for heating system. W. H. Weeks, archt., 329 Pine St., San Francisco. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—Until July 24, 4:30 p.m., bids will be rec. by John W. Edgemoor, secy., Board of Education, to replace toilet equipment at Prescott School, 9th and Campbell St., and Hawthorne School, Fruitvale Ave. and Hawthall St. Spec. may be had from secy., 2149 Broadway, Oakland.

BAKERSFIELD, Kern Co., Cal.—Until Sept. 5, 3 p.m., bids will be rec. by Percy R. Fitzgerald, clerk Kern County Union High School District, to const. general science building. Bids are wanted as a whole or segregated. Chas. I. Biggar, architect, 405 Bank of Italy Bldg., Bakersfield. See call for bids under official proposal section in this issue.

VISALIA, Tulare Co., Cal.—Until July 25, 7 p.m., bids will be rec. by E. C. Chapman, clerk Goshen School District, to const. additions to Goshen School. Cert. check 5% req. with each bid. Plans may be had from clerk or architect, Ernest J. Kump Co., Howell Bldg., Fresno.

IRVINGTON, Alameda Co., Cal.—Bids were received on July 11 by the Board of Trustees of Irvington School District for the construction of a one-story frame and plaster school building to contain six classrooms and an auditorium. Plans were prepared by Architect Henry C. Smith, Humboldt Bank Building, San Francisco. All bids were taken under advisement. The alternate on the general contract is for substituting Johns-Manville asbestos roof for the present Lincoln school roof. On the heating the alternate is a deduction for omitting an oil burner.

General Contract

Monson Bros., 251 Kearny St., S. F. \$35,870 \$1100
Ruegg Bros., S. F. 36,500 1200
Walter Murch 38,821 930
M. C. Vaughn 44,650 1050

Painting

Frisk & Swanson, San Francisco . . . \$1985

Heating

A. A. Nelson, 517 Eth, S. F. . . . \$3458 \$718
J. A. Silva, San Francisco, 3925 605

Electrical Work

Ernest A. McGinty \$146

Plumbing

Scott Co. \$3492
A. J. Silva 4595
Geo. N. Zaro 4754

SANTA ROSA, Sonoma Co., Cal.—Until July 24, 8 p.m., bids will be rec. by Sara N. Hatch, clerk, Board of Education, to modernize Lincoln school back an school property. Spec. may be had from Architect W. H. Weeks, 369 Pine St., San Francisco.

REEDLEY, Fresno Co., Cal.—Bids were opened on July 10th, by the Board of Trustees of the Reedley Joint Union High School District for the construction of a group of six high school buildings, four brick and two frame and plaster structures. Plans were prepared by Architect Norman F. Marsh, 211 Broadway, Los Angeles. Trenchard & Shields, Rowell Bldg., Fresno, are the Managers of Construction. Contracts were awarded on July 12th for the construction of four of the buildings to be known as the Administration, Science, Household Arts and Mechanical Arts buildings.

SUMMARY OF LOW BIDS ON THE FOLLOWING BUILDINGS

Contractor	Administration	Science	Household Arts		Mechanical	Total
			Arts	Arts		
Reilly & Nemetz, San Francisco. "A"	\$ 897,783.00	\$26,662.00	\$22,030.00	\$37,545.00	\$184,020.00	
F. F. Smith, Fresno "B"	21,162.40	4,140.00	5,171.00	10,352.00	40,825.40	
Kyle & Co., San Francisco "C"	13,350.00	141.00	151.00	3,290.00	17,402.00	
Jos. Drummond, San Francisco "D"	2,453.00	2,328.00	2,328.00	.....	7,709.00	
C. McVallen "E"	1,600.00	100.00	102.00	1,901.00	3,703.00	
Vasilia Plumbing Co. "F"	14,092.80	5,312.78	4,096.30	7,062.05	30,564.93	
Vasilia Plumbing Co. "G"	23,700.00	1,736.75	1,671.00	2,205.00	29,312.75	
Ruth Ringelblad "H"	2,394.00	1,112.00	1,394.00	1,344.00	6,244.00	
J. B. Rickert, Los Angeles "I"	22,200.00	5,296.00	5,370.00	3,623.00	36,489.00	
Newberry Elec. Co., San Francisco "J"	5,751.00	4,587.00	1,840.00	4,579.00	17,700.00	
Frazier-Thompson Co., San Francisco "K"	3,720.00	505.00	660.00	1,425.00	6,310.00	
Rucker-Fuller Co., San Francisco "L"	2,054.35	264.75	95.50	221.35	2,636.95	
Fresno Hardware Co. "M"	2,260.00	1,896.00	991.00	1,382.00	6,529.00	
Hauser Window Co., San Francisco "N"	750.00	246.00	213.00	506.00	1,709.00	
Standard Elec. Time Co., San Francisco "O"	1,645.00	168.00	173.00	259.00	2,245.00	
Total	\$217,110.55	\$51,495.28	\$46,216.85	\$75,648.50	\$393,480.18	

*Note.—Deductions taken as per Alternate Bids submitted on Bid Forms.

Contracts awarded as above on July 12, 1922.

The following is a complete list of the bids received:

SPECIFICATION "A"—CONCRETE, CARPENTRY, MILL WORK AND FLOORS

Contractor	Administration	Science	Household Arts		Mechanical	Total
			Arts	Arts		
Reilly & Nemetz "A"	\$ 967,783.00	\$26,662.00	\$22,030.00	\$37,545.00	\$184,020.00	
(Pine Floors Deduct)	4,900.00	420.00	400.00	.....	2,720.00	
Anton Johnson "B"	96,225.41	34,364.25	29,049.00	37,335.56	196,974.31	
(Pine Floors Deduct)	2,436.00	831.10	551.10	.....	3,836.20	
Larsen-Seigrist "C"	116,454.00	29,557.00	23,388.00	55,003.00	225,602.00	
Collins & Spickard "D"	57,052.00	31,621.00	25,527.00	36,676.00	191,076.00	
Pacific Milling Mill (Mill Work Only) "E"	18,705.00	10,300.00	7,760.00	15,000.00	51,840.00	
Pacific Mill Co. (Mill Work Only) "F"	17,650.00	13,200.00	9,000.00	12,400.00	52,200.00	
Kline-Johnson (Maple Floors Only) "G"	1,450.00	1,800.00	1,810.00	.....	11,860.00	
Fredericksen & Shannon (Concrete Only) "H"	27,195.00	4,563.00	4,168.00	5,621.00	41,848.00	

SPECIFICATION "B"—BRICK & TILE

Contractor	Administration	Science	Household Arts		Mechanical	Total
			Arts	Arts		
Anton Johnson, Brick (Tile and Labor) "A"	\$ 32,263.00	\$ 4,305.00	\$ 4,222.00	\$11,138.46	\$ 51,988.46	
Brick & f.o.b. Job, per M "B"	27,898.95	3,739.00	3,621.00	10,950.00	45,998.95	
Brick & f.o.b. Job, per M "C"	19.00	5,330.00	5,720.00	12,000.00	61,207.00	
Hock & Hoffroy (Tile and Labor) "D"	35,557.00	5,300.00	5,500.00	11,800.00	58,157.00	
(Stone, Tile, Labor) "E"	32,500.00	5,000.00	5,200.00	11,500.00	54,200.00	
Fred F. Smith, Brick (Labor Only) "F"	21,162.40	4,140.00	5,171.00	10,352.00	40,825.40	
Paul Kandler, Brick (Tile and Labor) "G"	40,763.65	1,980.00	2,920.00	6,854.52	52,228.20	
(Labor Only) "H"	32,413.00	4,455.00	4,372.00	11,346.00	52,586.00	
Western Brick Co., Brick f.o.b. Job, per M "I"	27,228.00	3,889.00	3,771.00	11,100.00	45,998.00	
Prescott Brick & Lbr. Co., Brick f.o.b. Job, per M "J"	19,060.00	2,328.00	2,372.00	7,928.00	31,708.00	
West Coast Wire & Iron Works, Structural and Ornamental "K"	19.00	.....	.....	.....	.....

SPECIFICATION "C"—REINFORCED STEEL, STRUCTURAL AND ORNAMENTAL IRON

Contractor	Administration	Science	Household Arts		Mechanical	Total
			Arts	Arts		
Kyle & Co. "A"	\$ 2,550.00	\$ 48.00	\$ 46.00	.....	\$ 2,643.00	
Reinforcing Steel "B"	13,400.00	593.00	606.00	4,000.00	18,599.00	
Structural and Ornamental "C"	2,000.00	500.00	500.00	750.00	3,750.00	
H Metal Doors are Omitted, Deduct "D"	.....	.....	.....	.....	.....
West Coast Wire & Iron Works, Structural and Ornamental "E"	.....	695.00	547.00	5,200.00	6,442.00	

SPECIFICATION "D"—COMPOSITION TILE AND SLATE ROOFING

Contractor	Administration	Science	Household Arts		Mechanical	Total
			Arts	Arts		
Gladding, McBean, Tile "A"	\$ 3,630.00	\$ 2,630.00	\$ 2,630.00	.....	\$ 8,930.00	
Brick & f.o.b. Job, per M "B"	3,350.00	2,268.00	2,268.00	.....	7,916.00	
Fresno Roof & Paint "C"	2,346.00	216.00	216.00	2,096.00	4,874.00	
Composition "D"	3,100.00	2,660.00	2,660.00	.....	8,420.00	
J. A. Drummond "E"	3,406.00	2,597.00	2,597.00	.....	8,600.00	
Red Slate "F"	3,053.00	2,328.00	2,328.00	.....	7,709.00	
Valley Lumber Co. "G"	2,336.37	174.54	174.54	2,393.24	5,078.69	
Composition "H"	3,635.81	2,771.03	2,771.03	1,921.99	11,100.46	
Slate "I"	1,600.00	100.00	1,072.00	1,901.00	3,703.00	
C. F. McMullin, Composition "J"	2,340.00	120.00	120.00	2,175.00	4,658.00	
Fresno Sheet Metal, Composition "K"	.....	.....	.....	.....	.....

SPECIFICATION "E"—PLUMBING

Contractor	Administration	Science	Household Arts		Mechanical	Total
			Arts	Arts		
Vasilia Plumbing Co. "A"	\$ 14,093.00	\$ 6,312.78	\$ 4,096.30	\$ 7,062.05	\$ 31,564.93	
Barrett-Hicks Co. "B"	19,107.00	5,344.00	4,665.00	7,908.00	40,024.00	

COMBINATION BID ON SPECIFICATIONS "E" AND "F"—PLUMBING AND HEATING

Contractor	Administration	Science	Household Arts		Mechanical	Total
			Arts	Arts		
Latorrette & Fical (bid not complete) "A"	\$ 36,675.00	\$ 8,456.00	\$ 5,540.00	\$ 7,879.00	\$ 58,530.00	

SPECIFICATION "F"—HEATING AND VENTILATING

Contractor	Administration	Science	Household Arts		Mechanical	Total
			Arts	Arts		
W. P. McArthur "A"	\$ 2,675.00	\$ 1,958.00	\$ 1,677.00	\$ 2,212.00	\$ 30,520.00	
Vasilia Plumbing Co. "B"	23,700.00	1,736.75	1,602.00	2,205.10	29,243.85	
Barrett-Hicks Co. "C"	30,828.00	2,470.00	2,038.00	2,684.00	37,370.00	
Williams Radiator "D"	24,680.00	2,210.00	3,060.00	2,565.00	32,535.00	
Alter.—Gas "E"	22,833.00	2,074.00	2,202.00	1,978.00	29,087.00	

SPECIFICATION "G"—GALVANIZED IRON AND SHEET METAL

Contractor	Administration	Science	Household Arts	Mechanical Arts	Total
Ruth & Ringelman	\$ 2,394.00	\$ 1,112.00	\$ 1,394.00	\$ 1,344.00	\$ 6,244.00
Standard Sheet Metal Works	4,902.00	1,328.00	1,432.00	2,190.00	10,052.00
Frank Cresson	1,900.00	1,710.00	1,560.00	2,880.00	11,150.00
St. Louis Corrugated Works	3,732.00	1,342.00	1,100.00	2,412.00	8,586.00
Garson City Metal Works	4,619.53	1,457.35	1,273.25	2,275.58	9,625.71
Barrett-Hicks Co.	3,588.00	1,033.00	757.00	1,801.00	7,199.00

SPECIFICATION "H"—LATHING AND PLASTERING

Contractor	Administration	Science	Household Arts	Mechanical Arts	Total
Peter Bradley	\$ 26,087.00	\$ 5,987.00	\$ 6,191.00	\$ 4,983.00	\$ 44,118.00
McCruer & Simpson	30,566.00	6,333.00	6,384.00	5,941.00	19,244.00
Wood Lath	31,400.00	6,884.00	6,884.00	6,141.00	51,309.00
Buttton Lath	22,200.00	3,296.00	5,375.00	3,623.00	36,493.00
J. B. Rucker	1,800.00	850.00	933.00	180.00	3,853.00
Wood Lath Add.	28,462.00	6,530.00	6,646.00	4,770.00	41,308.00
A. Knowles	23,265.00	5,123.00	5,116.00	1,350.00	37,654.00
Buttton Lath					
Wood Lath					

SPECIFICATION "I"—ELECTRIC WIRING

Contractor	Administration	Science	Household Arts	Mechanical Arts	Total
Valley Electric Co.	\$ 8,700.00	\$ 5,540.00	\$ 2,330.00	\$ 2,535.00	\$ 19,105.00
Additional for Service					3,583.00
Kingsburg Electric Co.	9,910.00	6,230.00	2,207.13	5,280.13	24,427.26
Fresno Electric			3,115.00	2,830.00	22,105.00
Additional for Service					30,959.00
M. E. Ryan	9,800.00	6,425.00	2,304.00	5,048.00	23,577.00
Newberry Electric	6,751.00	4,387.00	1,840.00	4,579.00	17,557.00
Robinson Electric	9,635.00	5,900.00	2,560.00	1,000.00	22,095.00
Additional for Service					3,700.00
Rex Electric Co.	10,888.00	5,496.00	2,196.00	6,888.00	25,468.00

SPECIFICATION "J"—PAINTING

Contractor	Administration	Science	Household Arts	Mechanical Arts	Total
C. M. Johnston	\$ 3,650.00	\$ 2,290.00	\$ 2,730.00	\$ 2,365.00	\$ 13,035.00
Omit Tint	1,125.00	300.00	450.00	1,925.00	
Joe Streeter	10,420.00	2,775.00	2,560.00	3,175.00	18,930.00
Omit Tint	6,120.00	600.00	550.00		7,270.00
Wm. Burnstein	7,135.00	1,720.00	1,825.00	2,725.00	13,405.00
J. Frazer-Thompson	1,700.00	900.00	1,650.00	1,425.00	5,675.00
Omit Tint	680.00	396.00	390.00		1,766.00
R. Zelinsky	6,806.00	2,210.00	1,915.00	2,274.00	13,205.00
Omit Tint	2,400.00	600.00	525.00		3,525.00
Atchamra Paint Co.	8,327.00	2,475.00	2,800.00	3,000.00	16,302.00
Omit Tint	3,100.00	600.00	800.00		4,500.00
A. Quandt & Son	6,845.00	2,345.00	2,189.00	2,774.00	14,153.00
Omit Tint	2,245.00	600.00	690.00		3,535.00
E. R. Swan	5,055.00	1,490.00	1,510.00	2,400.00	10,355.00
C. F. Webber Co.	1,100.00	400.00	340.00		1,840.00
Worrell Drawbrough	6,484.00	2,366.00	2,118.00		12,958.00
Omit Tint	1,081.00	600.00	500.00		3,081.00
E. A. Lindgreen	6,141.00	1,661.00	2,051.00	1,089.00	13,942.00
Omit Tint	2,300.00	390.00	544.00		3,234.00

SPECIFICATION "K"—BLACKBOARDS

Contractor	Administration	Science	Household Arts	Mechanical Arts	Total
Buckner-Fuller D.	\$ 2,054.35	\$ 264.75	\$ 93.50	\$ 221.35	\$ 2,635.95
L. H. Fierce	2,155.50	235.00	69.00	232.00	2,711.00
Stewart Sales Co.	2,130.00	273.00	103.00	228.00	2,734.00
C. F. Webber Co.	2,230.00	295.00	115.00		2,640.00
Pacific School Furniture Co.	2,175.99	249.39	91.35	190.43	2,707.22

SPECIFICATION "L"—FINISH HARDWARE

Contractor	Administration	Science	Household Arts	Mechanical Arts	Total
Fresno Hardware	\$ 2,260.00	\$ 1,896.00	\$ 991.00	\$ 1,382.00	\$ 6,529.00
Barrett-Hicks Co.	2,907.00	2,274.00	1,474.00	2,023.00	8,678.00
Reedley Hardware Co.	2,499.00	1,826.00	1,100.00	1,500.00	6,925.00

SPECIFICATION "M"—PATENT HARDWARE

Contractor	Administration	Science	Household Arts	Mechanical Arts	Total
Hauser Window Co.	\$ 750.00	\$ 245.00	\$ 212.00	\$ 500.00	\$ 1,707.00
Fresno Hardware Co.	1,641.35	512.85	465.70	1,078.30	3,696.20
Kawner Mfg. Co.	1,339.00	351.00	390.00	710.00	2,790.00

SPECIFICATION "N"—PROGRAM, CLOCKS AND BELLS

Contractor	Administration	Science	Household Arts	Mechanical Arts	Total
Standard Electric Co.	\$ 1,615.00	\$ 188.00	\$ 173.00	\$ 253.00	\$ 2,249.00
Clack Clock Co.	1,650.00	190.00	103.00	315.00	2,258.00
International Recording Co.	1,983.30	215.90	245.90	416.00	2,861.10

KELSEYVILLE, Lake Co., Cal.—The Board of Trustees of the Kelseyville School District, received the following bids on July 8th, for the construction of a one-story reinforced concrete four-room school building from plans prepared by architect Norman R. Coulter, 46 Kearny street, San Francisco. The contract was awarded to Bordwell and Zimmerman, of California.

Bordwell and Zimmerman ... \$13,800
J. Plasecki, S. F. ... 14,984
David Paganini, Vallejo ... 15,975
West Coast Construction Co., San Francisco ... 16,458

LODI, Cal.—Until July 17, 8 p.m., bids will be rec. by Wm. H. Faust, clerk Lodi Grammar School District, for insurance on school buildings, as follows: Emerson, \$10,000; Salem, \$12,000; Lincoln, \$25,000, and Needham,

\$30,000. Further information may be had from clrk. 119 West Pine St., Lodi.

DINCEBA, TULARE Co., Cal.—Plans for the proposed \$80,000 elementary school have been approved by County Supt. of Schools and bids will be asked shortly.

GONZALES, Monterey Co., Cal.—Bids will be received until July 28, 1922, at 8 p.m., by the Board of Trustees of the Gonzales Union High School District for a steam heating plant for the school buildings. W. H. Weeks, 348 Pine St., San Francisco, is the architect, and plans may be obtained from his office.

LOS HILLS, Kern Co., Cal.—Until July 22, 730 P. M. bids will be received by Trustees of Lost Hills School District to construct a new (shingle) roof on the school building.

STORES AND OFFICES

Work to Start Monday

CAKETERIA Cost, \$80,000
OAKLAND SE Franklin St. (S. NE 14th St.)

One-story, basement and mezzanine floor reinforced concrete cafeteria building, 54x150.
Owner Mrs. S. G. Hammond, Mrs. H. H. Crane, Jennie Hammond and E. F. Cronin (Colonial Cafeteria Co.), 11th and Harrison Sts., Oakland.

Architect and Superintendent of Construction—A. Reinhold Denke, Del-Zed Bldg., Oakland.

The excavating has been awarded to J. C. Curren, 1212 18th Ave., Oakland. Other sub-contracts will be awarded shortly.

Plans Being Prepared.

STOCK Cost, \$30,000
SAN FRANCISCO, Mission St. S. 22nd.
One-story and basement reinforced concrete building.
Owner Philadelphia Shoe Co.
Architect—Bernard J. Joseph, Call Bldg., San Francisco.

Plans Being Figured.

STORES Cost, \$ —
SAN FRANCISCO, S. Ellis 50 E. Taylor.

Two-story and basement reinforced concrete building (2 stores and loft).
Owner Walter H. Sullivan.
Architect—L. J. Devlin, Pacific Bldg., San Francisco.

Plans Being Prepared.

STORES Cost, \$75,000
FRESNO, Fresno Co., Cal. NE J and Inyo Sts.

One-story reinforced concrete store building 150x150 (10 stores).
Owner—Mrs. G. G. Barran, 460 Broadway, Fresno.
Engineer—Leon H. Nishkan, Monadnock Bldg., San Francisco.

Contract Awarded.

POST OFFICE Cost, \$22,000
SAN FRANCISCO, Clement Street and Sixth Avenue.

One-story Class C Post Office.
Owner Louis E. Lucie, Jr., 1027 O'Connell St., San Francisco.
Lessee—U. S. Government.
Architects—O'Brien Bros., 210 Montgomery St., San Francisco.
Contractor—Vukobovich & Bagge, 189 Lessee St., San Francisco.

Sub-figures Being Taken.

STORES & LOFTS Cost, \$50,000
STOCKTON, San Joaquin Co., Cal. Weber Avenue

Two-story brick and reinforced concrete store and loft building.
Owner—Mr. Heenan.
Architect & Contractor—Davis-Heller-Pearce Co., Delta Bldg., Stockton.

Sub-Figures Being Taken.

OFFICE BLDG. Cost, \$100,000
OAKLAND, Alameda Co., Cal. NE 19th and Franklin Sts., 125x66.

Eight-story and basement reinforced concrete building to be known as the "Physicians' Building."
Owner—Dr. Robert D. Dray.
Architect—Willis C. Lowe, 782 Monadnock Bldg., San Francisco.

Contractor—P. A. Palmer, 782 Monadnock Bldg., San Francisco.

The basement will be used as a storage room for the doctors' automobiles and will have a large freight elevator. The grading has been awarded to Arras-Knap Co., 1641 38th St., Oakland. Reinforcing steel to Edw. L. Soule Co., Rialto Bldg., San Francisco.

Contract Awarded

REPAIRS Cost, \$15,000
SACRAMENTO, Cal. 912 9th St.

General repairs to building.
Owner—A. Meister & Sons Co.
Architect—Noyes & Noyes.

Contractor—G. S. Harvie, 2312 T St., Sacramento.

Sketches Being Prepared.

BUILDING Cost, \$ —
SAN FRANCISCO, NE First and Noma Sts.

One-story and basement reinforced concrete building.

Owner—Walter H. Sullivan.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.

Contract Awarded.
STORES Cost, \$—
SAN FRANCISCO. S Ellis Street 50 E
Taylor Street.
Two-story and basement reinforced
concrete building (2 stores and
loft).
Owner—Walter H. Sullivan.
Architect—Leo J. Devlin, Pacific Bldg.,
San Francisco.
Contractor—Barrett & Hilt, 918 Harri-
son St., San Francisco.

Figures to be Taken Shortly.
SERVICE STATION Cost, \$12,000
SAN FRANCISCO. Fourth Ave. and
Geary Street.
One-story and mezzanine reinforced
concrete oil and battery service
station.
Owner—Jacob Weisbein.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco.

Plans to be Prepared
STORES & LOFTS Cost, \$—
SAN FRANCISCO. N. Folson St. bet.
First and Second Sts.
Two-story and basement Class C stores
and lofts.
Owner—Laurence Myers, Foxcroft
Bldg., San Francisco.
Architect—Sam Lightner Hyman, Fox-
croft Bldg., San Francisco.

Contract Awarded.
STORE PLDG. Cost, \$41,715
SAN JOSE, Santa Clara Co., Cal. Mar-
ket St. near Santa Clara.
Two-story concrete auto stage depot
and store building (4 stores).
Owner—The Central Improvement Co.
Lessee—Peninsular Rapid Transit Co.
Architect—Wolfe & Higgins, Auzeais
Bldg., San Jose.
Contractor—L. J. Byron, 1249 Alameda
St., San Jose

Plans Being Prepared.
STORE BLDGS. Cost, \$10,000 each
SAN FRANCISCO. Twenty-second Ave.
and Clement St. and 21st Ave. and
Clement St.
Two one-story reinforced concrete
store buildings.
Owner—Jacob Weisbein.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco.

Plans Being Revised.
OFFICE BLDG. Cost, \$50,000
SAN FRANCISCO. S Sacramento near
Battery.
Three-story Class B office and loft
building.
Owner—H. W. Pierce, Inc.
Architect—Benj. G. McDougall, 331
Bush St., San Francisco.
Plans will be revised for a Class A
building into a Class B. Cahill
Bros. submitted the lowest bid at
\$79,000 for the Class A structure.

Contractor Taking Sub-Figures.
STORES & LOFTS Cost, \$50,000
STOCKTON, San Joaquin Co., Cal.
Weber Avenue.
Two-story brick and reinforced con-
crete store and loft building.
Owner—Cutting & Lusigan.
Architect & Contractor—Davis-Heller-
Pearce Co., Delia Bldg., Stockton.

THEATRES

Contract Awarded.
THEATRE Cost, \$27,000
MODESTO, Stanislaus Co., Cal. 11th
and J Sts.
Fireproof theatre.
Owner—Geo. Covell.
Lessee—A. A. Richards.
Owner—W. J. Cornelius, Merchants
Nat. Bank Bldg., San Francisco.
Contractor—W. A. Stevens, 209 Temple
St., Modesto.

Too Late to Classify

To be Done by Day's Work.
OFFICE BLDG.
SAN FRANCISCO. S Market 350 W.
7th St.
Two-story and basement Class C store
and office building.
Owner—A. F. Rousseau, 110 Sutter St.,
San Francisco.
Architect—D. C. Coleman, 110 Sutter St.,
San Francisco.
A permit for the steel frame was ap-
plied for today. Est. cost, \$110,000.

Contract Awarded.
BARN Cost, \$63,624
TANFORD RACE TRACK, San Mateo
Co., Cal.
Twelve one-story frame barns con-
taining 358 stalls.
Owner—Pacific Coast Jockey Club.
Howard Spreckels, Secretary, 913
First National Bank Bldg., San
Francisco.
Architect—A. M. Allen, Monterey.
Contractor—Joe Plasecki, 229 Clinton
Park, San Francisco.

Figures to be Taken Next Week.
GARAGE Cost, \$20,000
GILROY, Santa Clara Co., Cal.
One-story reinforced concrete com-
mercial garage.
Owner—Mrs. A. Ellis.
Architect—W. H. Weeks, 369 Pine St.,
San Francisco.

Site Purchased.
ICE CREAM PLANT Cost, \$15,000
MERCED, Merced Co., Cal. O and
Sixteenth Sts.
One-story Reinforced concrete ice
cream distributing plant, 50x100 ft.
Owner—Benham Ice Cream Co., 1420
H St., Fresno.
Architect—Not stated.

Contract Awarded For Concrete Work
Sub-Figures Being Taken on the
Balance of the Work.
FACTORY Cost, \$100,000
SAN FRANCISCO. N. Folson St. bet.
Second and Third Sts.
Three-story and basement mill con-
structed candy factory building
(reinforced concrete walls).
Owner—Collins-Hencke Co.
Architect—N. W. Sexton, Chronicle
Bldg., San Francisco.
Concrete work awarded to Adam Arras,
180 Jessie St., at \$34,393.

Plans Being Figured.
FACTORY Cost, \$—
SAN FRANCISCO. N. Howard W 5th
St.
One-story steel and concrete factory
building.
Owner—Eames Co.
Architect—M. V. Politto, First National
Bank Bldg., San Francisco.

Figures to Be Taken in Two Weeks.
BANK Cost, \$100,000
LOS BANOS, Merced Co., Cal. Sixth
and Eye Sts.
Two-story Class A concrete bank and
office building.
Owner—Bank of Los Banos.
Architect—H. H. Winner Co., 503 Mar-
ket St., San Francisco.

Contract Awarded.
WAREHOUSE, ETC. Cost, \$—
OAKLAND, Alameda Co., Cal. E-14th
St. adjoining Durant Motor Com-
pany's Plant.
Brick and concrete administration
building, 150x80 and brick ware-
house, 200x100.
Owner—Star Motor Co. of California,
Norman De Vaux, president; R. C.
("Cliff") Durant, vice-president;
R. H. Mulch, sales manager, and
W. B. Straz, comptroller.
Architect—Owner.
Contractor—P. J. Walker Co., Monad-
nock Bldg., San Francisco.

Plans Being Figured.
APARTMENTS Cost, \$40,000
SAN FRANCISCO. W. Larkin S. Lon-
bard.
Three-story frame and plaster apart-
ment house (3 4-rm. and 3 5-rm.
apartments).
Owner—Withheld.
Architect—Albert Schroeffer, Nevada
Bank Bldg., San Francisco.

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Official Proposals

CALL FOR BIDS FOR CONSTRUCTION OF LAKE YOSEMITE-LEGRAND CANAL FOR HIGHWAY IRRIGATION DISTRICT

Public notice is hereby given that sealed proposals for excavation and earthwork construction of the Lake Yosemite-Le Grand Canal, or any of its three divisions, will be received by the Board of Directors of Merced Irrigation District at its office in the Hartford Building in the City of Merced, State of California, at any time up to 10 o'clock A. M., on Tuesday, August 1, 1922, at which time and place all bids so received will be opened in public at the regular meeting of said Board. Thereafter said Board will let said work either in portions or as a whole, to the lowest responsible bidder, but said Board reserves the right to reject any or all bids and readvertise for proposals or proceed to construct the work under their own superintendence. The work for the doing of which proposals are hereby invited is the excavation and earthwork construction of said canal, or one or more divisions thereof, except certain sections particularly described in the specifications hereinafter referred to, which said canal is divided into three divisions as follows, to-wit:

Division No. 1, extending from the Southern edge of Lake Yosemite in the Northwest quarter of Section 34, T. 6 South, Range 14 East, M. D. E. & M., in a southeasterly direction to a point on the right bank of Bear Creek about 1000 feet east of the Southwest corner of Section 10, Township 7 South, Range 15 East.

Division No. 2, beginning at a point on the left bank of Bear Creek opposite the easterly terminus of Division No. 1, and running in a southerly direction to a point near the Southwest corner of Section 2, Township 8 South, Range 15 East.

Division No. 3, beginning at a point in Division No. 2 near the South quarter corner of Section 15, Township 7 South, Range 15 East, and extending in a southeasterly direction to a point about one-half mile West of the town of Le Grand.

The canal in Division No. 1 will be 16 feet wide on the bottom and 7.5 feet deep and the excavation for which bids are invited will be approximately 49,500 feet long.

The canal in Division No. 2 will be of varying sizes, to-wit: about 6400 feet of canal 16 feet wide on the bottom and 7.8 feet deep; about 14,400 feet of canal 10 feet wide on the bottom and 8 feet deep; about 6850 feet of canal 8 feet wide on the bottom and 5.5 feet deep; about 7,450 feet of canal 5 feet wide on the bottom and 5.5 feet deep. The canal in Division No. 3 will be of varying sizes, to-wit: about 23,535 feet of canal 8 feet wide on the bottom and 5.5 feet deep; about 16,425 feet of canal 5 feet wide on the bottom and 5 feet deep; about 430 feet of canal 5 feet wide on the bottom and 4.2 feet deep.

All bank slopes are to be 1½ horizontal to 1 vertical and the depths specified are to be measured from the bottom of the canal to the level of the top of the embankments.

Said canal and embankment therefor are more particularly described in the specifications therefor, and the route and profile thereof are delineated upon the plans therefor, which plans and specifications may be seen at the office of said Board. Copies of said plans and specifications may be obtained at the office of said board upon payment of \$5.00 for those of each division.

Said excavation and earthwork construction will be continuous, except for railroad, highway and stream crossings where spans are to be constructed, and certain sections specifically shown in said plans and specifications.

Any bidder to whom a contract for said work or any portion thereof may be awarded must furnish bonds as provided by law, to-wit: a bond in the

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

sum of at least one-half of the contract price to secure the payment of claims of material, mcn, mechanics and laborers employed upon said work, and a bond in the sum of at least 2 per cent of the contract price, conditioned for the faithful performance of the contract.

Each bid must be accompanied with cash or a Cashier's or Certified check or a bond for an amount equal to not less than 5 per cent of the total amount of the bid as a guaranty that if the bid is accepted the bidder will, within ten days after the acceptance, enter into a contract with the district in the form attached to said specifications and furnish the bonds aforesaid.

For the purpose of determining the amount of said bonds and deposit, it will be assumed (without so guaranteeing) that one-third of the excavation in Division No. 1 will be in hardpan and that all the excavation in the other divisions will be in soil, as those terms are defined in the specifications, that the amount of excavation will be as estimated in the specifications, and that no overhaul will be found necessary.

All proposals must be on forms which will be furnished by the district at the office of said Board and must be in sealed envelopes addressed to the Board of Directors of Merced Irrigation District.

Dated at Merced, California, July 10, 1922.

By order of said Board of Directors,

W. D. WAGNER, Secretary.

NOTICE TO BIDDERS

The Turlock Irrigation District, in Stanislaus and Merced Counties.

TRANSMISSION LINE

Sealed proposals will be received at the office of the Turlock Irrigation District at Turlock California, until August 3rd, at 2 p.m., for the construction of about twenty-eight (28) miles of 66,000 volt transmission line.

The bids will be received in the following manner:

1. Lump sum bid for the completed line. Contractor to furnish tools and materials to meet general specifications of District.

2. Contractor to furnish labor only, the District to furnish all materials going into the line.

3. FOR MATERIALS—

About 200 steel towers.

About 170 miles wire (either copper or steel reinforced aluminum).

About 6000 suspension type insulators with fittings.

Switchboard panel, lightning arresters and oil circuit breaker.

Complete plans, specifications and forms of contract and bond for the project will be furnished upon application accompanied by a deposit of five (\$5.00) dollars, to be repaid upon

return of plans and specifications, in acceptable condition. The contract shall be let to the lowest responsible bidder, but the Board reserves the right to reject any and all bids.

Each proposal must be accompanied by a certified check for five (5) per cent of the amount of the bid, payable to the order of the Treasurer of the Turlock District for the benefit of said district as a guaranty that the bidder will, if successful, execute a satisfactory bond in the sum of twenty-five (25) per cent of the amount of his bid for the faithful performance of the work in accordance with the specifications, the said bond to be subject to the approval of said Board.

The proposal must be marked "Proposal for Transmission Line" and addressed "Turlock Irrigation District, Turlock, California."

Done in pursuance of orders of the Board of Directors of the Turlock Irrigation District, this 10th day of July 1922.

ANNA SORESENSEN,

Secretary.

NOTICE TO CONTRACTORS

(San Mateo County Hospital)

Notice is hereby given that sealed estimates will be received by the Board of Supervisors of San Mateo County, California, up to Monday, the 7th day of August, 1922, at 10 o'clock A. M. for the following work, all for the new County Hospital Building, now being erected at Redwood in San Mateo County, California and in accordance with the plans and specifications as prepared by Will H. Toopie, Architect, and as filed with the Clerk of the Board of Supervisors on July 10th, 1922 to which bidders are referred.

The estimates will be received in accordance with the plans and specifications as filed and will be as follows:

Estimate No. 1: Will be for the furnishing and setting complete of all finished hardware.

Estimate No. 2: Will be for the furnishing and setting complete of all ventilators, disinfecter, momeator, etc.

Estimate No. 3: Will be for all the interior and exterior painting, varnishing, etc.

Estimate No. 4: Will be for the complete installation of electrical equipment, including all necessary cables, etc.

Estimate No. 5: Will be for the furnishing and setting in place of all linoleum.

All bidders submitting estimates will be required to submit with their proposal a certified check or certificate of deposit on some responsible Bank or Trust Company in the sum of ten (10) per cent of their bid. Said check to be held by said Board of Supervisors of the County of San Mateo and will be held as security that the bidder will enter into a written contract with the Board of Supervisors of the County of San Mateo, if awarded the contract, within ten (10) days from the date of the award. In the event of a breach in the terms under which this check is held, the said Board of Supervisors of the County of San Mateo will cash the check and the proceeds thereof will be placed to the credit of the building fund of said County of San Mateo.

The successful bidder will further be required to give a bond from a satisfactory surety company in the sum of fifty (50) per cent of his contract price, conditioned for the faithful performance of his contract within the time limited, and to further insure the payment of all claims for labor and material furnished on the work.

The successful bidder will also be required to protect the County against liability arising under the Workmen's Compensation Act and against any and every contingency under which the County might be held liable during the progress of work connected with the contracts on said hospital building.

The contract will provide for the retention of twenty-five per cent of the contract price for thirty-five (35) days

after the completion of the work and the filing of the notice of completion thereof.

Sealed estimates should be filed with the Clerk of the Board of Supervisors of said County hereby reserves the right to reject any and all bids.

Plans and specifications can be seen at the Architect's office at Room 707, 942 Market Street, San Francisco, California, or at the office of the Clerk of said Board, in the Court House, Redwood City, San Mateo County, California.

By order of the Board of Supervisors.
 Dated, July 10, 1922.

ELIZABETH M. NASH,
 Clerk.

NOTICE TO CONTRACTORS

(San Mateo County Tubercular Hospital)

Notice is hereby given that sealed estimates will be received by the Board of Supervisors of San Mateo County, California, up to Monday, the 7th day of August, 1922, at 10 o'clock A. M., for the erecting complete in accordance with the plans and specifications as prepared by Will H. Toepke, Architect, a one-story frame tubercular pavilion and said building to be erected on the new county Hospital property now located at Beresford, San Mateo County, California, all to be in accordance with the plans and specifications as filed by the Architect with the Clerk of the Board of Supervisors on July 10th, 1922, to which bidders are referred.

The estimates will be received in accordance with the plans and specifications as filed.

Bidders will be required to submit with their proposal a certified check or certificate of deposit on some responsible bank or Trust Company in the sum of ten (10) per cent of their bid, said check to be made payable to the County Treasurer of the County of San Mateo, and will be held as security that the bidder will enter into written contract with the Board of Supervisors of the County of San Mateo, if awarded the contract and will pay the same on the date of award. In the event of a breach in the terms under which this check is held, the said check or certificate of deposit will be cashed and the proceeds thereof placed to the credit of the building fund of said County of San Mateo.

The successful bidder will further be required to give a bond from a satisfactory surety company in the sum of fifty (50) per cent of his contract price, conditional for the faithful performance of his contract within the time limited, and to further insure the payment of all claims for labor and material furnished on the work.

The successful bidder will also be required to protect the County against liability arising under the Workmen's Compensation Act and against any and every contingency under which the County might be held liable during the progress of work connected with the contracts on said hospital building.

The contract will provide for the retention of twenty-five per cent of the contract price for thirty-five (35) days after the completion of the work and the filing of the notice of completion thereof.

Sealed estimates should be filed with the Clerk of the Board of Supervisors of said County, which hereby reserves the right to reject any and all bids.

Plans and specifications can be seen at the Clerk's office at Court House, Redwood City, San Mateo County, California.

By order of the Board of Supervisors.
 Dated, July 10, 1922.

ELIZABETH M. NASH,
 Clerk.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

Notice To Contractors

Sealed proposals will be received by the undersigned until 2:00 o'clock p. m., August 2nd 1922, for constructing a portion of the State Highway System in New County, between 6.5 miles S. E. of Canon and 2.6 miles S. E. of Rose Well—work consisting of grading and placing gravel surface.

Plans may be examined and form of proposal, contract and specifications secured at office of undersigned. May also be examined at the County Clerk's office in Tonopah, Division Engineer's office in Las Vegas, Elko or Reno, and District office of Bureau of Public Roads, Mills Building, San Francisco, California. Cash deposit of fifteen dollars (\$15.00) with undersigned required for copy of plans, which will be refunded on their return in good condition.

Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said Specifications, conditioned for the faithful performance of the provisions of the contract and specifications. Right is reserved to reject any or all bids.

GEORGE W. BORDEN,
 State Highway Engineer,
 Carson City, Nevada

EXTENSION TO PIER

NOTICE TO CONTRACTORS

OFFICE OF THE BOARD OF STATE Harbor Commissioners, Union Depot and Ferry House, San Francisco, California, July 8, 1922.

Sealed proposals or bids will be received at this office at or prior to 11 o'clock a. m., Thursday, July 13th, 1922, for the materials and constructing an extension to Pier No. 22 on the waterfront of the City and County of San Francisco, in accordance with the plans and specifications heretofore by the Chief Engineer of the Board and adopted by the Board May 25, 1922, and on file in this office, to which specifications reference is hereby made. The materials to be used in this work shall consist of the requisite quantities of creosoted piles and Portland cement (all of which will be furnished to the contractor by the Board), green piles, Douglas fir lumber, redwood lumber, concrete aggregate, reinforcing materials, castings, structural steel, galvanized iron rods, bolts, spikes, ties, roofing materials, paint materials, glass, etc. Steel rails and fittings, including rail spikes, will be furnished and laid by the Board. All materials used must be of the best of their respective kinds if not especially specified herein. All materials used in the structures will be subject to rigid examination and test and if found defective, under size, unsuitable or not as specified, will be condemned and must be immediately removed from the site by the Contractor at his expense.

No bid will be received unless it is made on a blank form furnished from this office and is accompanied by a certified check for an amount equal to Five (5) per cent of the amount of the proposal, to be made payable to the Secretary of the Board, conditional for the faithful performance of the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required herein Six (6) days after the award is made, in that case the said sum mentioned in said check shall be deemed liquidated damages for such failure and neglect and shall be paid to the San Francisco Harbor Improvement Fund.

The Contractor shall be required to give a bond upon the Board of State Harbor Commissioners for the faithful performance of the contract awarded, in the sum of one-half of the total amount payable by the terms of the contract, with a Corporation, thereunto duly authorized by law and commonly known as a surety company, a surety (such as the company to be one of those approved by the State Board of Control, a list of these approved surety companies being on file in the Office of the Secretary) and conditioned for the faithful performance by the Contractor of all the terms and conditions of said contract according to the true intent and meaning thereof. Said bond shall also provide that if the Contractor, person, company or corporation to whom said contract is awarded, fails to pay for any materials or supplies

furnished for the performance of the work contracted to be done or for any work or labor done thereon of any kind, said surety will pay the same in an amount not exceeding the sum specified in said bond; and said bond shall also be made to inure to the benefit of material men, mechanics and laborers as provided by certain acts of the Legislature of the State of California, approved May 1, 1911 (Stats. 1911, p. 1422). Said bond must be acceptable to and approved by said Board both in form and for substance.

Bids will not be considered by the Board unless delivered to the Secretary or to the Assistant Secretary at the Office of the Secretary at the 17, Union Depot and Ferry House, at or prior to 11 o'clock a. m. on Thursday, July 20, 1922, at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids.

Plans and specifications for this work to be had at Room 18, Union Depot and Ferry House upon depositing \$10.00 for same, which will be returned on return of plans and specifications.

Bidders are requested to mark envelope containing bid: "Bid for constructing extension to Pier No. 22."

JOHN H. McCALLUM,
 HARRY H. COSGRIFF,
 FREDERICK S. MOODY,
 Board of State Harbor Commissioners.
 FRANK C. WHITE, Chief Engineer.
 HILDA GOHRMAN, Secretary.

BIDS WANTED FOR LIGHTING FIXTURES

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., June 30, 1922.—SEALED PROPOSALS will be opened in this office at 3 P. M., July 27, 1922, for furnishing and installing lighting fixtures in the U. S. Veterans Hospital, at Palo Alto, Calif., in accordance with the drawings and specifications, copies of which may be seen at this office in the discretion of the Supervising Architect, JAS. A. WETMORE, Acting Supervising Architect.

NOTICE TO CONTRACTORS AND BUILDERS

(Watsonville School Addition)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Watsonville School District, County of Santa Cruz, State of California, up to 7:30 P. M., on the 20th day of July, 1922, at the office of the High School Building, corner of East Third and Lincoln streets, Watsonville, California, for the erection and completion of two school rooms for the above named district, in accordance with plans and specifications made for the same by Wyckoff & White, Architects, Growers' Bank Building, San Jose, California.

Plans and specifications can be secured at the office of the Clerk of said Board, Watsonville Union High School Building, Watsonville, California, or at the office of the Architects, Wyckoff & White, Growers' Bank Building, San Jose, California.

All bids are to be made out on blank forms furnished by the Architects and returned to them with a certified check for not less than five per cent of the amount of the bid, made payable to the Clerk of the Board, and certified to by some responsible banking house. This check is to be forfeited in the event that the successful bidder, after having been awarded the contract, fails within ten days to sign the contract and furnish a good and sufficient bond as required by law.

The Board reserves the right to reject any and all bids.

Mark all bids "Building Bid" and address to:

"CLERK, BOARD OF TRUSTEES, Watsonville School District, High School, Watsonville, California."

Witnessed: JAMES A. HALL,
 Clerk, Board of Trustees Watsonville School District.
 Dated at: Watsonville, Calif., 6th day of July, 1922.

NOTICE TO CONTRACTORS

(Madera City School District)

Notice is hereby given: That the Board of Trustees of the Madera City School District, County of Madera, State of California, will receive sealed bids for the furnishing of all labor, materials and appliances necessary in the erection and completion of Science and Arts building, addition to Lincoln Grammar School, two-room Primary School, and one-room addition to Pershing Elementary School, according to Plans and Specifications prepared by the ENGINEER J. KUMP CO., of the City of Fresno, and in strict accordance with bids and alternate bids called for in specifications.

Said sealed bids will be received up to and including 3:00 p. m. of the 22nd day of July, 1922, by the undersigned Clerk of the Board, of the City of Madera, County of Madera, State of California.

Said sealed bids must be accompanied by a certified check, cashier's check or bidder's bond in a sum equal at least to 10 per cent (ten percentum) of amount of the bid to do the work mentioned, and made payable to the undersigned Clerk of the Board—as a guarantee that the bidder will execute proper contracts and bonds in case the contract is awarded to him by reason of his bid.

Plans and Specifications are on file at the offices of the District's Architects, the ENGINEER J. KUMP CO., 207-8 Rowell Building, Fresno, Cal.

All bids to be made out on blank form furnished by the Architects.

The successful bidder will have to give a satisfactory bond in the sum of 50 per cent covering labor and materials, and an additional 20 per cent covering faithful performance, as fully set forth in specifications.

The said Board of Trustees of the Madera City School District (as owners) reserve the right to reject any or all bids or alternate bids, or any part or parts of any Bids, received and reject the balance thereof—and to waive any informality in any Bids or Alternates received.

All Bids are addressed to Morton H. Tyrell, Clerk of Board of Trustees, of the Madera City School District, City and County of Madera, State of California.

BY ORDER OF SAID BOARD OF TRUSTEES:

MORTON H. TYRELL, Clerk.

NOTICE TO BIDDERS ON HIGH SCHOOL SHOP CONSTRUCTION AND GYMNASIUM ALTERATIONS.

Notice is hereby given that bids on High School shop construction and gymnasium alterations, per plans and specifications on file in the office of Louis S. Stone, architect, Belding Building, Stockton, California, will be opened on Monday, July 24th, 1922, at 7:30 p. m., at the office of the High School Board, of the City of San Joaquin and Lindsay streets, Stockton, Calif.

A deposit of \$25.00 will be required for plans taken from architect's office. A certified check for 10% of the amount bid as security on said bid.

The Board of Education reserves the right to reject any or all bids.

Dated Stockton, California, July 7th, 1922.

By order of the Board of Education, BY ANSEL S. WILLIAMS, Secretary.

BIDS WANTED FOR GRADING, SURFACING, ETC.

NOTICE TO BIDDERS

Notice is hereby given that Oakland School District and Oakland High School District of Alameda County, State of California, hereby calls for sealed proposals to be delivered to the Business Manager of the Board, Room 1103 City Hall, west side of Washington Street, between Fourteenth and Fifteenth streets, on Monday, July 17, 1922, between the hours of 3 and 3:30 P. M., for furnishing all labor and material for Grading, Oil Surface, and Base Dust Surface, according to specifications therefor on file in the office of the Business Manager, to which reference is hereby made. All bids must

be made on forms furnished on applications to said Business Manager, at the address above given.

Bids must be placed in envelopes furnished by the Board of Education and addressed to John W. Edgemond, Secretary of Oakland Board of Education, and must be accompanied by a certified check payable to the order of John W. Edgemond, Secretary of Oakland School District, for at least 10 per cent of the total amount of all bids submitted by each bidder.

Bids will be opened by the Board of said district on Monday, July 17, 1922, at the hour of 4:30 P. M., in the Board Room, 211 Second Floor of said City Hall, in said City of Oakland. The Board reserves the right to reject any or all bids or any or all items of such bids.

JOHN W. EDMOND, Secretary.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on August 1, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Los Angeles County, between Quail Lake and Northerly Boundary (VII-LA-1-D), about ten and four-tenths (10.4) miles in length 3. miles to be paved with Portland cement concrete, 6.8 miles to be paved with Portland cement concrete shoulders and an asphalt concrete wearing surface and 0.2 miles to be widened with a Portland cement concrete shoulder.

Riverside County, through Banning, (VII-Riv-26-B), about two (2.0) miles in length, to be graded and paved with Portland cement concrete.

Plans may be seen and forms of proposals, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willets, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON, CHAIRMAN, CHAS. A. WHITMORE, GEO. C. MANSFIELD, California Highway Commission.

AUSTIN B. FLETCHER, State Highway Engineer.

R. T. MURRAY, Secretary. Dated July 10, 1922.

TO CALL FOR BIDS

SPECIFICATION NO. 4684, CIRCULATING LOOP FOR CEMENT-POWDER PLANT, MARE ISLAND, CALIF.

NOTICE TO CONTRACTORS

The Bureau invites attention to the fact that it will open proposals, in the near future, on the project mentioned above. The work will consist of two 48-inch concrete intake conduits, a single 60-inch concrete discharge conduit, reinforced concrete intake and discharge structures and concrete sheet piling for the quay and discharge pit, timber pile foundations for structures and conduits, shafts, manholes, clean-out pit, cast iron frames and covers, screens sluice gates and

operating machinery; also the removal of wood-stove pipes in the existing tunnel, timber repairs to tunnel and all necessary excavation, trenching, and cofferdams.

In the event that this work is of interest, a check or postal money order for \$20.00 payable to the Chief of the Bureau of Yards and Docks, should be forwarded immediately to the Bureau or to the Commandant, Navy Yard, Mare Island, Calif., as security for the safe return of the drawings and specifications, which will be forwarded as soon as available.

BIDS WANTED FOR FURNISHING SUPPLIES

The Board of Supervisors of the County of Santa Cruz, State of California, invites sealed bids for furnishing the County of Santa Cruz for the fiscal year ending June 30, 1923, with the following supplies, to-wit: 50,000 gals. (more or less) Gasoline, 25 bbls. (more or less) extra heavy Motor Oil, 25 bbls. (more or less) medium heavy Motor Oil, 25 bbls. (more or less) Transmission Oil, 5 bbls. (more or less) Cup Grease, 2 bbls. (more or less) Special Motor Oil, 35,000 tons (more or less) Sae Rock, 10,000 tons (more or less) 5/8-in. to 2 1/2-in. Crushed Rock, 5,000 tons (more or less) Screenings, 50,000 gals. (more or less) No. 99 per cent Road Oil, and all other supplies.

Bids will be opened on Tuesday, July 18, 1922, at 2 o'clock P. M.

The Board reserves the right to reject any and all bids.

By order of the Board of Supervisors, H. E. MILLER, Clerk of said Board.

By H. G. Poole, Deputy Clerk.

BIDS WANTED FOR HOLLOW TILE DWELLINGS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be opened by the Supt. of Lighthouses, San Francisco, Calif., at 2 o'clock p. m., August 10th, 1922, for constructing hollow tile dwellings and fog signal building at Pt. Vicente, Calif. Information on application.

NOTICE TO CONTRACTORS

(Community Shop Building)

The Trustees of the Pacific Grove High School District will receive sealed proposals up until Monday, the 24th day of July, 1922, at 3 p. m., at the Pacific Grove High School Building, Pacific Grove, California, at which time and place said bids will be opened and read in public, for furnishing the required labor and material for erecting and completing a proposed new Community Shop Building, in accordance with plans and specifications prepared by the architect, Angel, Architects, 565 Lighthouse ave., Pacific Grove, Calif.

A cashier's or certified check for an amount not less than 5% of the amount of bid shall accompany each proposal, drawn payable to the order of J. J. Williams, Clerk of said Board of Trustees, as a guarantee that the bidder will, after being notified of the acceptance of his bid, enter into a contract with said Board of Trustees, and furnish bonds as required by the specifications. Said check to be forfeited to the said School District should the bidder fail to execute contract and furnish bonds as above mentioned.

Plans and specifications for the above work may be seen and secured at the architects' office.

The said Board of Trustees reserve the right to reject any or all bids and to waive any information in any bid received.

By order of the Board of Trustees of the Pacific Grove High School District, Pacific Grove, California, Dated July 8th, 1922.

H. G. JORGENSEN, President J. J. WILLIAMS, Clerk O. E. CHASE, Trustee.

NOTICE TO CONTRACTORS

(Science Building)

Sealed bids will be received until 8 P. M., September 5th, 1922, by the Board of Trustees of the Kern County Union High School, Kern County, California, for furnishing all materials and labor for the erection and completion of the GENERAL SCIENCE BUILDING, Kern County Union High School, Bakersfield, California.

Bids will be received as a whole or segregated as follows:

General Contract,
Electric Work,
Plumbing,
Heating and Ventilating,
Painting,
Movable Furniture,
Lighting Fixtures,
Finish Hardware.

Plans for said building may be had at the office of Charles H. Biggar, Architect, 405-B Bank of Italy Building, Bakersfield, California, and the work will be erected under his supervision. Deposit of \$20.00 required for plans, same to be returned when plans are received in good condition.

All bids must be accompanied by a certified check in the amount of at least ten (10) per cent of the amount bid, such check to be made payable to the Kern County Union High School District, and said check will be held as evidence of good faith that the successful bidder will enter into a contract for the work proposed, that will be satisfactory to the Board of Trustees, and in addition thereto furnish good and sufficient bonds therefor.

The Board reserves the right to reject any or all bids and to waive any informality in any bid.

By order of the Board of Trustees, Kern County Union High School, Kern County, California.

ERWIN W. OWEN,

President.
BOYCE R. FITZGERALD,
Clerk.

NOTICE TO CONTRACTORS

(Exeter Grammar School)

NOTICE IS HEREBY GIVEN that sealed bids will be received and opened by the Board of Trustees of the Exeter Grammar School District, County of Tulare, State of California, in the First National Bank, in the City of Exeter, at 2 o'clock p.m., July 29, 1922, for the erection and completion of a brick veneer grammar school building to be built in the City of Exeter, State of California, according to plans and specifications prepared for the same by W. H. Weeks.

Bids will be received on the general construction with its alternate proposals, together with separate bids on heating system.

Plans and specifications may be seen at the office of W. H. Weeks, architect, 289 Pine street, San Francisco, California, or at the office of H. H. Chandler, clerk, at First National Bank.

All bids must be presented on bid forms furnished by the architect. Each bid must be accompanied by a certified check on some responsible California bank in the sum of not less than five (5) per cent of the amount bid, made payable to H. H. Chandler, Clerk of the Board of Trustees of the Exeter Grammar School District, for the purposes stated in the specifications.

Each bid must be enclosed in a sealed envelope and addressed to H. H. Chandler, Clerk of the Board of Trustees, and endorsed "Proposal for Grammar School Building."

The Board of Trustees reserves the right to reject any and all bids.

Bids must be delivered to the undersigned, Clerk of the Board of Trustees at the First National Bank in the City of Exeter at the time and place of meeting, above stated, or at any time up to the hour of opening of said bids.

H. H. CHANDLER,
Clerk of the Board of Trustees of the Exeter Grammar School District, Exeter, Tulare County, California.

NOTICE TO CONTRACTORS

(Shafter School District)

Notice is hereby given that sealed bids will be received by the Board of School Trustees of the Shafter Grammar School District, County of Kern, State of California, up until 11 o'clock P. M., on the 22nd day of July, 1922, at which hour they will be opened at the office of Orville L. Clark, Architect, 401 Brower Bldg., Bakersfield, California, to furnish all materials and labor required to build and complete a one-story masonry and frame school building, said school building to be located on a parcel of land situated about 10 miles from the City of Bakersfield, County of Kern, State of California.

General bids to be submitted in accordance with the plans and specifications now on file with the Architect Orville L. Clark, having offices in the Brower Building, Bakersfield, California.

Each bid shall be made out on a form to be obtained at the Architects' certified or cashier's check in the amount of ten per cent (10 per cent) of bid, and be payable to the order of M. Cowan, Clerk of the Board of School Trustees of the Shafter Grammar School District.

The above mentioned check shall be given as evidence that the bidder will enter into contract if awarded the work and will be declared forfeited if the successful bidder refuses to enter into said contract after being requested to do so by the Board of School Trustees.

The successful bidder will be required to furnish to the Board of School Trustees of the Shafter Grammar School District covering an amount equal to fifty per cent (50 per cent) of the contract price and one equal to twenty-five per cent (25 per cent) of the contract price.

A deposit of ten dollars (\$10.00) is required for all drawings which will be returned when the drawings are returned.

The Board reserves the right to reject any or all bids.

By order of the Board of School Trustees of the Shafter Grammar School District.

Dated this 15th day of July, 1922.

FRANK JOHNSON, Chairman

H. M. COWAN, Clerk.

NOTICE TO BIDDERS

(12,000-ft. 2-in. pipe)

Sealed bids will be received at the Eureka Water Department, 524 D. Streets, Eureka, Cal., up to 5 o'clock p. m., July 18, 1922 for supplying 12,000 ft. of 2 inch, standard black pipe random length. F. O. E. steamer San Francisco.

Delivery to be made in ninety days after bid is accepted. Award will be made to the lowest and best bidder. Bid is reserved to reject any or all bids.

Dated July 7th, 1922.

JOHN GRIFFITH,

Superintendent of Public Works

NOTICE TO CONTRACTORS

(Community Shop Building)

The Trustees of the Pacific Grove High School District will receive sealed proposals up until Monday, the 24th day of July, 1922, at 4:00 p. m. at the Pacific Grove High School Building, Pacific Grove, California, at which time and place said bids will be opened and read in public, for furnishing and requiring labor and material for erecting and completing a proposed new Community Shop Building, in accordance with plans and specifications prepared therefor by Tuttle and Angell, Architects, 365 Lighthouse Ave., Pacific Grove, Calif.

A cashier's or certified check for an amount not less than 5% of the amount of bid shall accompany each proposal, drawn payable to the order

of J. J. Williams, Clerk of said Board of Trustees, as a guarantee that the bidder will, after being notified of the acceptance of his bid, enter into a contract with said Board of Trustees, and furnish bonds as required by the specifications. Said check to be forfeited to the said School District should the bidder fail to execute contract and furnish bonds as above mentioned.

Plans and specifications for the above work may be seen and secured at the architect's office.

The said Board of Trustees reserves the right to reject any or all bids and to waive any informality in any bid received.

By order of the Board of Trustees of the Pacific Grove High School District, Pacific Grove, California.

Dated July 9th, 1922.

H. J. JORGENSEN, President

J. J. WILLIAMS, Clerk

O. E. CHASE, Trustee.

NOTICE TO CONTRACTORS

(Sultana School)

Notice is hereby given that the Board of Trustees of the Sultana Elementary School District, of the County of Tulare, State of California, will receive sealed bids for the furnishing of all labor and materials necessary in the erection and completion of a 4-room elementary school building and auditorium (the work to be done according to plans and specifications prepared for same by the ERNEST J. KUMP CO., architects, of the City and County of Tulare, and in strict accordance with the Bids and Alternate Bids asked for in specifications.

Said sealed bids will be received up to and including 3:00 p. m. of the 20th day of July, 1922, by the undersigned clerk of the Board at the town of Sultana, County of Tulare, State of California.

Said sealed bids must be accompanied by a certified check in a sum equal at least to 10% (ten percent) of the amount of the bid (the work mentioned and made payable to the undersigned Clerk of the Board as a guarantee that the bidder will execute proper contracts and bonds in case the contract is awarded to him by reason of his bid.

Plans and specifications are on file at the offices of the architects, and same can be obtained upon application.

All bids to be made out on blank forms furnished by the architects. The successful bidder will be required to give a satisfactory bond in the sum of 50% covering labor and materials and an additional 10% bond for faithful performance as fully set forth in specifications.

The Board of Trustees, as owners, reserves the right to reject any or all bids or alternates received and select the balance thereof, and to waive any informality in any bids or alternates received.

All bids to be addressed to Edward F. Scruggs, Clerk of the Board of Trustees of the Sultana Elementary School District, County of Tulare, State of California.

EDWARD F. SCRUGGS, CLERK OF SAID BOARD OF TRUSTEES.

Edward F. Scruggs,

Clerk of the Board.

BIDS WANTED FOR WIRE GRILLES

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., June 24, 1922.—SEALED PROPOSALS will be opened in this office at 3 p. m., July 24, 1922, for furnishing wire grilles for the Federal Hospital, Palo Alto, Calif., in accordance with the specifications and drawings listed in same, which may be obtained from E. W. Roberts, superintendent of construction at the Hospital site, or from this office, in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

(Continued on Page 38)

Engineering News Section

BRIDGES, DAMS & HARBOR WORK

Plans Being Figured—Bids Close July 20, 1922, 11 A. M.
EXTENSION TO PIER Cost, \$—
SAN FRANCISCO, San Francisco
 Waterfront.
 Extension to Pier No. 22.
 Owner—State Board of Harbor Commission.
 Engineer—Frank G. White, Ferry Bldg., San Francisco.
 See Call for bids under Official Proposals.

REDONDO, Cal.—Following bids rec. by City Council to const. two rock jetties 150 ft. long, and 3 wood jetties, each 70 ft. long; Robertson & Roberts, \$14,346, for 1350 tons; \$6 per ton additional. W. M. Ledbetter & Co., \$16,030 for 1400 tons. C. E. Garrettson, \$16,213, complete, with \$8.35 per ton for additional work. Bids were taken under advisement. H. Staheli, city eng.

SAN LUIS OBISPO, Cal.—W. B. Burch, county eng., Lowe Bldg., preparing spec. for 2 rein. conc. bridges to be constructed on Cholame Lateral; est. cost, \$20,000; a steel bridge over Santa Rosa Creek in Town of Cambria, est. cost, \$15,000; a rein. conc. bridge over Yuba Creek in city of San Luis Obispo, est. cost, \$10,000, and 4 rein. conc. culverts near Town of Templeton, est. cost \$9000.

SAN LUIS OBISPO, Cal.—Until July 31, 1922, p.m., bids will be rec. by City Council to const. seven rein. conc. culverts. Warren Burch, city eng.

VANCOUVER, B. C.—Until July 17, 3 p.m., bids will be rec. by Supt. F. W. Petch to const. Canadian Pac. Co., to const. \$2,000,000 pier and dock.

SALINAS, Monterey Co., Cal.—County Surveyor Howard Cozzens preparing specifications for new bridge to span Arroyo Seco on Soledad road.

CALIFORNIA—Following are approximate quantities of materials to construct bridge over Bear River, in Placer and Nevada counties, about 7 mi. north of Auburn, consisting of 2 100-ft. steel truss spans with piers and abutments, bids for which will be opened by State Highway Commission, July 24.

Two 100-ft. steel spans, erected in place and painted, complete, except reinforced concrete floor.
 205 cu. yds. Class "A" Port. cement concrete in place, in pier, abutments and floor of steel spans.

470 cu. yds. Class "C" Port. cement concrete in place, in pier, wing walls and abutments.

Commission will furn. reinf. steel in straight bars, cut to lengths, and cement.

SAN MATEO, San Mateo Co., Cal.—Until July 24, 3 p. m., bids will be received by E. W. Foster, city cler., to construct 2 reinforced concrete bridges; one in Railroad avenue, over San Mateo Creek, and another in Chester Way over creek running from San Mateo to Burlingame. Bond of \$14,000 have been sold to finance construction. Cert. check 10% payable to city required. G. Stanley Whitehead, city engineer.

EUREKA, Humboldt Co., Cal.—Bids have been ordered rec. by County Supervisors, Fred M. Kay, clerk, to const. 3 steel bridges across tributaries of the Klamath River bet. Wetchepec and Orleans; across Camp, Bluff and Slate Creeks. Bids will probably be opened Aug. 5. A. J. Logan, county surveyor.

PHOENIX, Ariz.—Until 2 p.m., July 24, bids will be rec. by Maricopa Co. Highway Comm., 517 W. Washington St., Phoenix, for constructing rein. conc. girder bridge, including pavement over same, with 141.5 ft. pavement on the approaches adjacent to the structure on project No. 46 of county highway system (Federal Aid project No. 48).

YUBA CITY, Sutter Co., Cal.—T. H. Polk, 511 2nd St., Chico, at \$9150 awarded contr. by Supervisors to const. 4 rein. conc. bridges over canals of Reclamation District 2054. Other bids: Whipple Co., S. F., \$13,772; L. W. Larsen, Chico, \$10,960; B. H. Martin, Marysville, \$9900; Bales & Ferguson, Colusa, \$12,995; Jennings Bros. & Ward, Sacramento, \$10,970; J. L. Webster, Chico, \$10,600; Ajax Dredging Co., S. F., \$10,273.

LOS ANGELES, Cal.—Ross Constr. Co., Van Nuys Hotel, Los Angeles, submitted low bid to Harbor Commission at \$262,400 for constructing four piers for Badger Ave. Basculable bridge, Invol. 257 Douglas fir piles for each pier, 12 tons reinf. steel, 17 cu. yds. conc. Other bids were: Fred Hoffman, Long Beach, \$268,000; San Francisco Bridge Co., \$275,000; Clinton Constr. Co., San Francisco, \$469,000. Bids were referred to Acting Harbor Eng. Ludlow. Plans for the bridge are being prepared by the Straus Basculable Bridge Co., 225 Michigan Ave. Est. cost, \$450,000.

STOCKTON, San Joaquin Co., Cal.—Until Aug. 8 bids will be rec. by Supervisors to const. six conc. bridges on Jack Tone road to replace present wood structures. F. E. Quail, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—R. H. Jamison at \$415 awarded contr. by Supervisors to const. conc. culvert in Fomeroy Ave., in Supervisor District No. 4.

Herschbach & Sciarrino, 560 Park St., San Jose, at \$3096 awarded contr. to const. culverts in Burchell Road, Supervisors District 1. Other bids: A. Mattson, \$4505; Wm. Martin, \$3700; W. J. McReynolds, \$4287; W. R. Lomax, \$5129.

SAN FRANCISCO—Until July 26, 3 p.m., bids will be rec. by Board of Public Works for furnishing, delivering and erecting plate girder bridge at Six-Bit Gulch on Hetch Hetchy railroad; 585 lin. ft. plate girder, 9 single track deck spans, each 65 ft. long. Est. cost, \$32,500. Plans may be had from City Eng. M. M. O'Shaughnessy 3rd floor, City Hall.

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NAPA, Napa Co., Cal.—Harry Thorsen, Napa, at \$763.40 awarded contr. by Supervisors to const. rein. conc. bridge near Barnett place in Pope Valley. Other bids: G. L. Lisher, \$1031; Simon Lenz, \$933.

SANTA ROSA, Sonoma Co., Cal.—W. L. Proctor, 517-A 4th St., Santa Rosa, at \$2145 awarded contract by Supervisors to const. a rein. conc. and timber bridge across Brook Creek on Santa Rosa to Knight's Canyon Rd. Invol. 10,000 F. B. M. and 51 cu. yds. Class A conc. Call Constr. Co., Santa Rosa, bid \$2454.90.

Proctor, at \$5387, awarded contract to const. 2 rein. conc. bridges on the bastopol-Freestone Rd. at Sta. 143+69 and at Station 154+14, Invol. 100 cu. yds. Class A conc., 20 sq. yds. Class A pavement, and 92 cu. yds. Class A conc. Other bids were: Rocca & Culletti, San Rafael, \$5875; Call Constr. Co., Santa Rosa, \$5729; E. M. Whipple & Co., 1160 Clay St., S. F., \$5550; D. E. Albers, 473 Ellis St., Santa Rosa, \$5500; Holm & Jensen, Guerneville, Cal., \$5570.

NAPA, Napa Co., Cal.—County Surveyor O. H. Buckman has completed spec. for a bridge over St. Helena Creek near Mountaint Hill House, and a bridge in Road District 5, leading to Straun Ranch.

REDONDO, Cal.—Robinson-Roberts Co., 5000 Country Club Dr., Los Angeles, awarded contr. by City Council at \$14,346 for constructing two rock jetties 150 ft. long and 3 wood jetties, each 70 ft. long. The bids specified 1260 tons rock, with a price of \$6 per ton for additional rock.

COLUSA, Colusa Co., Cal.—Jenkins & Wells, 3560 Y St., Sacramento, at \$13,825 awarded contract by Supervisors to motorize bridge over the Sacramento River at Colusa.

SALINAS, Monterey Co., Cal.—Standard Industrial Engineering Corp., 550 Montgomery St., San Francisco, at \$119,000 awarded contract by Supervisors to const. conc. bridge over Salinas River near Hillstown; to be completed within 180 days.

SAN LUIS OBISPO, Cal.—Until Aug. 7, 2 p.m., bids will be rec. by County Supervisors to const. rein. conc. culverts on Templeton-Willow Creek road, Templeton-Creston road, Creston road, Templeton-Creston road cu. yds. excavation, incl. borrow; 187 cu. yds. Class A conc. (culverts, etc.), 12,800 lbs. rein. steel in place (culverts, etc.) Spec. may be had from County Eng. Warren Burch, Lowe Bldg., on deposit of \$3.

MADERA, Madera Co., Cal.—Supervisors reject bids to const. bridge over upper Fire Gold Creek. J. O. Rue, county surveyor.

SAN RAFAEL, Marin Co., Cal.—Until Aug. 5, 2 p.m., bids will be rec. by Rob E. Graham, county clerk, to const. rein. conc. bridge over Pine Gulch Creek at Bollinas, Rd. Dist. 3. G. M. Dodge, county surveyor.

SAN FRANCISCO—Until July 26, 3 p.m., bids will be rec. by Board of Public Works to const. concrete abutments and piers for Six-Bit Gulch bridge, Hetch Hetchy project; est. cost, \$28,500; Invol. 500 cu. yds. earth excavation; 200 cu. yds. rock excavation; 2200 cu. yds. conc. Plans may be had from City Eng. M. M. O'Shaughnessy's office, 3rd floor, City Hall.

OLYMPIA, Wash.—Penn Bridge Co., at \$283,296, awarded contr. by State Highway Comm. to const. steel bridge with conc. abutments and approaches over Snake River at Central Ferry on Inland Empire highway in Whitman and Garfield Counties.

RIVERSIDE, Riverside Co., Cal.—Until July 20, new bids will be rec. by Supervisors to const. rein. conc. bridge over Santa River at base of Mt. Rubidoux, Houghton & Zante, Phelan Bldg., San Francisco, and Leeson Engineering Co., L. A. Ry. Bldg., Los Angeles, encls.

Eng. 17.

IRRIGATION PROJECTS

MERCED, Merced Co., Cal.—Until Aug. 1, 10 a.m., bids will be rec. by W. F. Wagner, secy. Merced Irrigation District, for excavation and earth work construction of the Lake Yosemite-Le Grand Canal, or any of its three divisions.

Canal in Div. 1, 16 ft. wide on bottom and 18 ft. deep, approx. 49,900 ft. long.

Canal in Div. 2, Varying sizes to wit: approx. 6400 ft. 16 ft. wide on bottom and 7.8 ft. deep, approx. 14,400 ft. 10 ft. wide on bottom and 6 ft. deep; approx. 6550 ft. 8 ft. wide on bottom and 5.5 ft. deep; approx. 7450 ft. 5 ft. wide on bottom and 5.5 ft. deep.

Canal in Div. 3, Varying sizes to wit: 23,532 ft. 8 ft. wide on bottom and 5.5 ft. deep; approx. 16,425 ft. 5 ft. wide on bottom and 5.5 ft. deep; approx. 17,340 ft. 5 ft. wide on bottom and 4.2 ft. deep.

Cert. check 5% req. Spec. may be had from secy. on deposit of \$5. R. C. Starr, chief eng. See call for bids under official proposal section in this issue.

TWIN FALLS, Idaho.—Acting for the Idaho Reclamation Association, Guy Flenner, its manager, has filed a petition asking for an election to determine the organization of the largest irrigation district ever attempted in America, to finance the American Falls reservoir project. The petition represents 112,000 acres. The total acreage in the proposed district is about 199,000. The estimated cost of the dam and reservoir is \$12,000,000, of which the Government will pay about half.

FRESNO, Fresno Co., Cal.—Hearing on the formation of the proposed Centerville Drainage District will be taken up at the Sept. 12th meeting of the Fresno County Supervisors. It is estimated about \$50,000 will be required to drain 6000 acres included in the project. D. M. Barnwell is county clerk.

LIGHTING SYSTEMS

PASADENA, Cal.—Edwin A. Irish, 320 1. W. Hellman Bldg., Los Angeles, awarded contract at \$46,720 to const. conduits for electric wires in Colorado, Brainerd and Cedar Chapmans, So. Calif. Elec. Co. bid \$47,000, and W. A. McNally, \$52,500.

ORANGE, Cal.—Until 1 p.m., July 18, bids will be rec. by Trustees for constructing an ornamental lighting system of 15 rein. conc. posts, globes, etc., on N. Pine St. bet. East Chapman and East Palm Aves. 1911 Act. W. A. White, city clerk.

MACHINERY

MONTEREY PARK, Cal.—Until 8 p.m., July 21, bids will be rec. by City Clerk Arthur W. Lambay for 2 horizontal centrifugal pumps in accordance with spec. in file in office of Gustaf & Golden, consulting engineers, 1112 Hollingsworth Bldg., Los Angeles. Cert. check for 10%.

ALAMEDA, Alameda Co., Cal.—Bankhead & Lynch at \$1190 submits only bid to Council to bore well in new Franklin Park, San Antonio and Morton Sts. Taken under advisement.

EUREKA, Humboldt Co., Cal.—Austin Western Road Machinery Co. at \$1360 awarded contract by City Council to fur. and del. one 600-gal. road roller with heating attachment.

LOS ANGELES, Cal.—Emil Cykler, Alexandria Hotel, Los Angeles, awarded contr. at about \$165,000 to furnish and drive rein. conc. piling for 4 piers for L. A. Harbor Commission. He desires bids for rein. steel, conc., sand and rock, form lumber and asphalt.

LOS BANOS, Merced Co., Cal.—Until August 1, 2 p.m., bids will be received by J. W. Ives, clerk, Los Banos Grammar School District, for furn. and delivering auto school bus. Spec. may be had from clerk.

EUREKA, Humboldt Co., Cal.—Until July 18, 5 P. M., bids will be received by John Griffith, Supt. of Public Works, 524 D street, Eureka, for furn. and del. 12,000-ft. 2-in. stand black pipe, random lengths. See call for bids under official proposal section in this issue.

REEDLEY, Fresno Co., Cal.—Des Moines Bridge and Steel Works, at \$5500 submits low bid to City Trustees to fur. and erect 60,000-gal. water tank, Chicago Bridge and Iron Works, \$7245, only other bidders. Taken under advisement.

LOS ANGELES, Cal.—Until 10 a.m., July 28, bids will be received by harbor commission, rm. 23, city hall, for pipe machine with motor. Spec. No. 401. Plans and spec. on file with harbor engr. Cert. check, or bond, 10%. Guy W. Wade, secretary.

PORTLAND, Ore.—Until July 18, bids will be received by Public Dock Commission, foot of Stark street, for furn. and delivering 800-ft. of flat type conveyors for handling freight at Municipal Terminal No. 4.

LONG BEACH, Cal.—J. Simon Fluor, Santa Ana, has started work on a gas compressor plant at Long Beach for Industrial Fuel Supply Co. (S. W. Todd, mgr.). There will be six units, costing approx. \$150,000.

LOS ANGELES, Cal.—Sidney Smith, 2025 Ray St., awarded contr. at about \$11,000 for laying 4, 6, 8-in. Class C cast iron pipe, with valves and fittings in the Hollywood Scenic Tract for Francisco & Ellington, owners.

SAN JOSE, Santa Clara Co., Cal.—Artana & Gendrey at \$3000 awarded contr. to City Supervisors for 3 1/2-ton truck, compound transmission, and to Pierce-Arrow Pacific Sales Co., at \$3650, f.o.b. San Francisco, one 3 1/2-ton motor truck.

SAN JOSE, Santa Clara Co., Cal.—Benson and Weaver at \$1,992 awarded contract by Supervisors to furnish one special 4-yd. V-bottom type dump body complete and installed on Lee trailer; and for one equipped with one special 4-yd V-bottom type dump body complete and installed on Lee trailer for \$2,292; 150 for one reversible Reliance trailer model 410R from Dichetti and Demicheli for \$1,916.25.

EMPIRE, Stanislaus Co., Cal.—Until July 26, 2 p.m., bids will be rec. by Empire Union School District for fur. and del. 2 auto buses for transportation of pupils, 30 to 40 passenger capacity, and advance to be made for one or two Oldsmobile buses owned by district. Spec. will be furnished on request.

VENICE, Cal.—Until 10 a.m., July 27 bids will be rec. by Trustees of Venice Union High School Dist. for one 50,000-gal. steel water tower tank. Spec. at office of secy. at Venice Union High School.

REEDLEY, Fresno Co., Cal.—Until Aug. 1, 8 p.m., bids will be rec. by Hazel Trembley, city clerk, to erect 60,000-gal. capacity tank and tower. Spec. may be had from clerk on deposit of \$100. Bids rec. for this work July 5 rejected.

OROVILLE, Butte Co., Cal.—Trustees of Oroville Union High School Dist. reject bids for fur. 30-passenger auto bus for transporting pupils. New bids will be considered July 27. Cost of vehicle not to exceed \$3000.

LOS ANGELES, Cal.—Until 3 p.m., Aug. 1, bids will be rec. by Public Service Comm., 207 S. Edwy., for submarine cable. Spec. No. P-277. Jas. P. Vroman, secy.

DINUBA, Tulare Co., Cal.—Riverbend Gas and Water Co. has started improvements costing \$50,000; will consist of 100,000-ft. gas holder, 200-hp. boiler, etc. Geo. W. Wiley, mgr. of Co.

RIPPERDAN, Madera Co., Cal.—Until July 28, 10 a.m., bids will be rec. by C. J. Welch, clerk, for fur. and del. auto bus, seating capacity 25, for transporting school pupils.

RAILROADS

WASHINGTON, D. C.—Interstate Commerce Commission issues certificates to Los Angeles & Salt Lake Railroad to const. new line from Delta to Fillmore, Utah, a distance of 31.4 mi. Est. cost, \$701,188. Will also const. 3.6 mi. of secondary tracks.

RICHMOND, Contra Costa Co., Cal.—Richmond Realty Board adopts resolutions urging the electrification of the S. F. lines bet. Richmond and Pinole.

CALIFORNIA—S. F. Co. applies to State Railroad Comm. for permit to const. second main line track a grade across county roads between Tehachapi and Cameron, Kern County.

BAKERSFIELD, Kern Co., Cal.—P. W. Doane, local superintendent of Santa Re Ry., has asked for closing of several streets and has presented to City Council map of proposed expansion of the railroad's plant at this point. The proposed work will involve an expenditure of \$400,000. The matter was referred to City Engineer W. D. Clarke.

SAN FRANCISCO.—Until July 26, 3 p.m., bids will be rec. by Board of Public Works for grading roadway for relocation of Hetch Hetchy Railroad at location of Sixth St. Project involves 4000 cu. yds. excavation; 1600 cu. yds. loose rock excavation; 2000 cu. yds. common excavation; 21 lin. ft. 24-in. corr. galv. culvert; 50 cu. yds. dry rubble masonry; 100 cu. yds. riprap. Plans may be had from City Eng. M. M. O'Shaughnessy's office, 3rd floor, City Hall.

FIRE EQUIPMENT

SAN LUIS OBISPO, Cal.—City Council authorizes purchase of 250 ft. fire hose. Mrs. Callie M. John, city clerk.

SAN ANSELMO, Marin Co., Cal.—Town trustees reject bids rec. for fur. and del. 750-gal. triple comb. stand equipped fire truck. Arthur Studley, town clerk.

BURLINGAME, San Mateo Co., Cal.—City Trustees plan purchase of 750-gal. pumping engine, also 2000 ft. standard fire hose. J. R. Murphy, city clerk.

SEWERS, STREET WORK,
ROADS & WATER SYSTEMS

CALIFORNIA—Following bids rec. by State Highway Comm., July 10, to grade and pave with bit macadam 16.6 miles of highway in Placer county, bet. Auburn and 5 mile north of Colfax, involv. 129,000 cu. yds. excav. without classification; 62,700 tons broken stone (bit. macadam); 920 tons asphalt (Grade B spread (bit. macadam)). 252 cu. yds. Class A conc. (culverts and manholes); 56 lin. ft. 10-in., 2201 lin. ft. 12-in., 572 lin. ft. 15-in., 708 lin. ft. 18-in., 490 lin. ft. 24-in. and 88 lin. ft. 30-in. corr. metal pipe; 21,736 lin. ft. guard rail; 564 manholes.

C. H. & A. W. Gorrill, Oakland, \$108,951
Grant Smith & Co., S. F., 425,696
J. A. Costello Jr., S. F., 433,465
Redmond, Page & Bond, S. F., 442,967
Blumenkrantz, Vernon, Stockton, 450,155
Warren Constr. Co., Oakland, 450,361
Bates & Borland, Oakland, 522,130
Engineer's estimate, \$386,515.

WOODLAND, Yolo Co., Cal.—Until Aug. 7, 2 p.m., bids will be rec. by H. R. Saunders, county clerk, to imp. East section of Main St. from East St. to Baird's corner, approx. 1 mi., being Prefix 8, Sec. A, Yolo County highway system, involv. 1650 cu. yds. earthwork, without classification; 140 lin. ft. 12-in. corr. metal pipe; 310 lin. ft. 12-in. conc. pipe; 25 cu. yds. Port. conc. conc., Class B (headwalks); 540 lbs. rein. steel bars; 16 lin. ft. guard rails; 84,900 sq. ft. Port. conc. pavement, Class A, 4 in. thick, increasing to 7 1/2 in. on outside 2 mi. Spec. may be had from County Surveyor A. G. Proctor. Deposit of \$5 rec.

SAN LUIS OBISPO, Cal.—J. L. Conner, Nipomo, Cal. at \$700 only bidder awarded contract by Supervisors to const. 18,030 sq. ft. conc. walks and 3298 lin. ft. curb in Town of Pismo, Rd. Dist. Imp. 7.

LOS ANGELES, Cal.—C. W. Croy, Los Angeles at \$9,482 awarded contract to const. Sec. C of Santa Margarita-Pozo road, involv. 14,800 cu. yds. Class A conc. (culverts, bridges etc.); 500 lbs. rein. steel (culverts, bridges, etc.); other bids: J. L. Conner, \$16,164; Gustave DeBretteville, San Francisco, \$15,260.

No bids rec. for imp. in Town of Oceano, Rd. Dist. Imp. 6, involv. 36,544 sq. ft. disintegrated rock or gravel base; 4636 lin. ft. conc. curb; and 83,844 sq. ft. grading. Warren Burch, county eng.

LOS ANGELES, Cal.—Until 10 a.m., July 17, bids will be rec. by Board of Public Works for improving the following streets:

Lake Shore Ave. bet. Morcom Ave. and Effie St., and portions of Avalon and Effie Sts., involv. 162,355 sq. ft. grading and oiling; 7347 ft. curb, 39,256 sq. ft. walk, 16,768 sq. ft. conc. gutter, 172 sq. ft. conc. pavement, 1112 ft. house sewers. 1913 Act.

E. 7th St. bet. Center Ave. and Fickett St., and a portion of Mott St., involv. 16,296 sq. ft. grading and oiling; 1636 sq. ft. conc. paving, 1218 ft. curb, 5750 sq. ft. walk, 2398 sq. ft. conc. gutter. 1913 Act.

SAN LUIS OBISPO, Cal.—Until July 27, 7:30 p.m., bids will be rec. by City Council for laying sewers, involv. 19,900 lin. ft. 6-in. vit. salt glazed sewer pipe; 450 6-in. wyes with 4-in. inlets; 16 lin. feet with 6-in. inlets of vit. salt glazed sewer pipe; to be furnished by contractor, 2 1/2 miles laying sewers. Warren Burch, city eng.

YUBA CITY, Sutter Co., Cal.—The Sutter County Supervisors have adopted resolutions favoring creation of joint highway district in Sutter and Sacramento Counties for purpose of levying an assessment to provide for completion of 12-mile gap, which would make a continuous highway bet. Yuba City and Sacramento and shorten the distance bet. the two cities some 7 mi. State would appropriate \$150,000 of total cost, which is estimated at \$150,000.

SANTA BARBARA, Santa Barbara Co., Cal.—Until July 22, 10 a.m., bids will be rec. by C. A. Hunt, county clerk, to grade and drain highway bet. Mesa Chila Drive and Modoc Road, near Veronica Springs Road in 6th Rd. Dist.

Separate bids, same date, to grade, drain and pave Lompoc-Harris Station Rd., beg. at Sta. 432+24.00 Station Highway, 0+00 to Sta. 341+01.20 of County Engineer's State, 5th Rd. Dist. Cert. check 10% payable to Chair. Bd. of Sutter rec. Owen R. O'Neill, county surveyor.

SAN PABLO, Contra Costa Co., Cal.—Directors of San Pablo Sanitary District reject bids to construct 6-in. vit. sewer in portions of Belmont, Silver Aves., First, Second, Third and Fourth Sts., etc., including construction of drains and concrete manholes, lamp-houses, wye branches, etc., and new bids will be opened July 18. Fred Meyer bid \$308,912 and L. L. Page, \$359,10. Low bidder to submit high bid by July 18, 1922, at 11 a.m. in Ross L. Calfee, 221 So. 22nd St., Richmond, eng.

HELENA, Montana—Following contracts awarded by State Highway Comm., Geo. W. Lanstrum, executive commissioner:

Project 1660-C (Federal aid)—12 mi. of grading and graveling on the Yellowstone Trail in Yellowstone County. Awarded to J. E. Hilton of Fairview, \$71,436.97.

Project 176-A (Sun River-Simms)—Proposed 12 mi. in Cascade County. Awarded to B. P. Melchert of Lewistown, \$54,498.20. Proposal B (bridge structures): Awarded to the Security Bridge Co. of Billings, \$9762.76.

Project 70-A—About 4 mi. on the Butte-Anaconda highway in Silver Bow County, grading and surfacing. Awarded to L. T. Lowler of Butte, \$52,580.94.

Project 179—0.5 mi. on 7th Ave. north in Bozeman, grading and surfacing. Awarded to J. N. Brown & Son, of Bozeman, \$8397.

Proposals on two jobs were rejected as being too high and readvertisement has been ordered. The projects are:

Project 175—3 1/2 mi. in Granite County on the Phillipsburg-Anaconda Rd.

Project 57—Paving through Laurel.

PORTLAND, Ore.—City Council contemplates constructing third pipe line to carry water from Bull Run lake to municipal water system; will be 30 miles long and will cost about \$3,000,000. Construction will be started in 1923.

SALEM, Ore.—Stevens and Koon, consulting engineers, Spalding Bldg., Portland, Ore., file application with state engineer for permit to construct 4-mi. 8-in. pipe line in connection with water system; etc., cost \$85,000. Bids will be asked about AUGUST 1 for metal pipe with alternates for cast iron or steel; also for pumping machinery and engines.

SANTA CRUZ, Santa Cruz Co., Cal.—Until July 18, 2 p.m., bids will be received by H. E. Miller, county clerk, for turn and del. road oil, rock screening, etc. Lloyd Bowman, county surveyor. See call for bids under official proposal section in this issue.

SAN FRANCISCO—Until July 19, bids will be received by Board of Public Works to imp. 34th ave., between Lincoln Way and Irving street, involv. 1,200 lin. ft. concrete curb and 24,000 sq. ft. asphalt concrete pavement.

RIVERSIDE, Cal.—County Surveyor A. C. Fulmer has reported to supervisors that Warren Construction Co.'s bid of \$176,666 on W. 10th St. highway in R. D. No. 8, from Mecca to Thermal, was 15% higher than estimated cost. The matter was continued one week.

SAN ANDREAS, Calaveras Co., Cal.—Until August 7, 4 p.m., bids will be received by W. F. Good, county clerk, to grade or gravel for both grade and gravel) 18,850-ft. of North Grade, bet. North Fork of Mokelumne river at town of West Point. W. S. Coulter, county surveyor.

SAN PEDRO, Cal.—Proposed paving projects for San Pedro included: Reclamation and Governor Aves. between Western St. and Anaheim Rd. and 23rd St., between w. city limits and Meyer St. Work will consist of 2 1/2 mi. of 2-in. bitum. base with 2-in. Warrenite top. A movement is also under way to pave 13th Street, between Benson and Meyer streets.

FRESNO, Fresno Co., Cal.—Until July 20, 3:30 p.m., bids will be rec. by R. Y. St. George, city clerk, to imp. Florida Way, bet. Laporte Lane and Van Ness Blvd., and Marion Avenue, from pt. 150-ft. south of 16th St. and involv. 76,445 sq. ft. grading; 61,960 sq. ft. 3 1/2-in. asphalt concrete base with 1 1/2-in. Warrenite-3 1/2 in. surface pavement; 8,415 sq. ft. conc. curb, 1,760 lin. ft. conc. curb; 2,763 sq. ft. concrete walk; 117 lin. ft. 12-in. corrugated culvert; 2 manholes. Wm. Stranahan, city engineer.

YUBA CITY, Sutter Co., Cal.—City Trustees contemplate calling election to vote bonds of \$25,000 for sewer system. Edward Von Geldern, city eng.

HUNTINGTON PARK, Cal.—Adams Pipe Works, 2025 Bay St., Los Angeles, awarded contract to construct complete drainage system in the Home Garden Tract, South of Huntington Park and east of Long Beach Boulevard, for J. D. Millar Realty Co. and W. C. Goodhue, owners. Work will involve 1,600 ft. 10-in. corr. metal, 2000 ft. 4-in. and 30,000 ft. 3-in. pipe.

TACOMA, Wash.—Until July 21, 11 a.m., bids will be received by Pierce County Commissioners, to construct 4.8 mi. of Gig Harbor-Longbranch highway, involv. 15 1/2 acres clearing; 8 mi. of grading; 3,665 cu. yds. common excavation; 1,800 yds. over-haul 100-ft.; 6,400 yds. gravel surfacing; 560 ft. 12-in. and 1,336 ft. 18-in. concrete pipe. E. A. White, county engineer.

SONOMA, Tuolumne Co., Cal.—J. E. Johnston, 315 Savings and Loan Bank Building, Stockton, awarded contract by supervisors to construct highway in Stockton street, city of Sonoma, between south city limits and bridge over Sonoma creek, approximately 0.54 mi. in length. M. E. Swerer, Jamestown, California, only other bidder at \$15,625. Rebt. Thom, county surveyor.

SANTA ANA, Cal.—Until 7:30 p.m., July 17, bids will be received by City Clerk E. L. Vekely, for grading and paving N. Garinay street, involv. 26,667 sq. ft. 5-in. conc. with bell finish wearing surface; 1911 Act. W. G. Knox, city engineer.

EL CAJON, Cal.—City Trustees appropriate \$26,600 toward paving portion of county highway from city limits between Main street and Magnolia Avenue to a point where state highway meets city limits on the road to San Felipe. Funds from other sources will total \$8,500, the cost of the proposed work.

PORTLAND, Ore.—Until July 21, 10 a.m., bids will be rec. by C. H. Purcell, District Engineer, U. S. Bureau of Public Roads, 216 Postoffice Bldg., to const. Shea's Hill section of National Forest Rd. near Santiam Natl. Forest in Linn County, involv. 18 acres clearing; 1000 lin. ft. grading; 29,000 cu. yds. rock excavation; 24,000 cu. yds. common excavation; finishing 3.8 miles; 75 cu. yds. Class A and 75 cu. yds. Class C conc.; 6500 lbs. steel; 850 lin. ft. culvert; 600 lin. drain; 12 in. 25 ft. loose riprap; 6500 cu. yds. crushed rock or gravel surface; 125 cu. yds. rubble masonry and one 16-ft. tioler bridge.

CLOVIS, Fresno Co., Cal.—Until July 25, 5 p.m., bids will be rec. by I. M. Bridges, city clerk, to imp. portions of De Witt, Woodworth, Pollack Aves., 50th, 10th and 4th Sts., by grading, paving with 3 1/2-in. asphalt conc. base with 12-in. Warrenite surface; conc. curb and gutter; corr. iron culverts; 12-in. conc. pipe, storm drain, etc. 1915 Bond Act. Spec. may be had from A. M. Jensen, city eng. 420 Rowell Bldg., Fresno.

Architects—Engineers— City and County Officials

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Building & Engineering News

MERCED, Merced, Cal.—City Council, W. W. Cornell clerk, declares intention to improve:

21st St. bet. Q and R Sts., incl. intersections, of Q St., by grading; paving with 3½-in. asphalt concrete base with 1½-in. Warrenite-bit. wearing course with seal coat, conc. curb with c. i. culverts with hyd. conc. bases.

Alleys in Bks. 84 and 112, by grading, paving with 2½-in. asphalt concrete base with 1½-in. Warrenite-bit. wearing course with seal coat; wood curbs.

13th St. bet. M and P Sts., by grading, conc. curbs; paving with 3½-in. asphalt concrete base with 1½-in. Warrenite-bit. wearing course with seal coat; portions of 14th and 15th St., with similar pavement; c. i. culverts. 1911 Act and Bond Act 1915. Protests Aug. 7. C. D. Martin, city eng.

MONTEREY, Monterey, Cal.—City Trustees, A. J. Mason, clerk, declare intention to const. 6-in. sewer in portions of Pacific St., and 6-in. laterals to sewers in portion of Van Buren St. Inspection manholes, wyes, etc. 1911 Act. Protests Aug. 1. H. D. Seyrance, city eng.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. Lynch, declares intention to improve Auzeiras avenue, between Delmas and Bird avenue, by regading, paving with 2-in. "Durite" asphalt concrete surface on 2½-in. "Durite" asphalt concrete base; concrete curb and gutter; art. stone walks; 2 br. catchbasins with 8-in. vit. sewer connections. Bond Act 1915. Wm. Pop, city engineer.

CALIFORNIA—Following are approximate quantities of materials required to construct 9.9 miles of highway in Mendocino County, between Hopland and El Robles, 9.9 miles to be graded and 2.5 miles to be graveled, bids for which will be opened by State Highway Commission, July 21, 1922, on the following: 1. 2-in. asphalt concrete surface, 5,550 cu. yds. gravel surface, 80 cu. yds. Class "A" Portl. cement concrete (curbs and monuments). 480 lin. ft. 12-in. vit. sewer pipe, 150 lin. ft. 18-in., 104 lin. ft. 24-in. corrugated metal pipe, 1.2 mi. moving and resetting property fences, 51 monuments.

Commission will turn rein, steel, corrugated metal pipe and cement.

FRESNO, Fresno Co., Cal.—Thompson Bros., 1514 H. St., Fresno, awarded contract by City to sewer Glenn and Webster Aves. in Blocks 2 and 3, Zapp's Park No. 2; 6-in. sewer, \$0.74 lin. ft.; manholes, \$59 each; lamphole, \$15 each. Wm. Stranahan, city eng.

VENICE, Cal.—City Trustees plan 10 mi. new street work, including Oceana Ave. bet. Washington Blvd. and South Beach, and the Trolleyway project. The city eng. is checking the proposed improvements.

GLENDAL, Cal.—Napier & Simpson, San Bernardino, submitted low bid to City Trustees at \$17,007 for surfacing and oiling Thompson, Raymond, Irving Aves. and 8th St., involv. 2171 lin. ft. grading, at 60c. ft., 6953 sq. ft. gutter at 2½ in. ft., 61 sq. ft. oiling and surfacing, at 4.75c. ft., 4512 sq. curb at 49.5c. ft., 16,452 sq. ft. walk at 17.5c. ft., 3336 sq. ft. 4-in. pipe at \$1.30 ft., 1166 sq. 8-in. pipe at \$1.60 ft. submitted low bid at \$4741.87 for paving Salem St., involv. 360 lin. ft. grading at 40c. ft., 29,467 sq. ft. macadam paving at 10.4c. ft. and laying 358 lin. ft. 4-in. c. i. water pipe at \$1.35 ft.

Wm. J. Curran, 379 W. Patterson St., Glendale, submitted low bid at \$1065 for oiling and macadamizing Princeton Ave., involv. 22,674 sq. ft. at 47c.

Napier & Simpson submitted low bid at \$5258 for oiling Laurel and Eulalia Sts., involv. 57,550 sq. ft. oiled paving, at 4.75c. ft. and 1633 lin. ft. 4-in. pipe at \$1.50 ft.

LOMPOC, Cal.—City Council votes to pave Ocean Ave. bet. F and K Sts. and H St. bet. Walnut and Cypress Sts. and I St. bet. Willow and Chestnut Sts. also bet. Chestnut and A Sts. About 29 blocks of paving is under construction.

CALIFORNIA—Until Aug. 7, 2 p.m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, for two units of highway system as follows:

Los Angeles County: Bet. Quail Lake and north boundary, 10.4 mi. in length. 3.4 mi. to be paved with Port. cement conc.; 6.8 mi. to be paved with Port. cement conc. shoulders and an asphalt conc. wearing surface, and 0.2 mi. to be widened with a Port. cement conc. shoulder.

Riverside County: Through Banning, 2 mi. to be graded and paved with Portland cement concrete.

SACRAMENTO, Cal.—City Comm., H. G. Denton, clerk, declares intention to improve:

Riverside Blvd. from pt. 300 ft. south of Y St. to City limits; conc. curb and gutters; c. i. gutter drains with 6-in. vit. manhole connections; conc. manholes; reconstruct manholes; vit. pipe sewers; install Class B c. i. water main; grading and paving with asphalt concrete.

45th Ave. bet. 8th Ave. and pt. 450 ft. south, by const. vit. sewer with 6-in. vit. wyes; conc. manholes; 6-in. vit. pipe flusher branch; 9th Ave. from manhole to be const. in 45th St. to Stockton Blvd., by const. vit. sewer with 6-in. vit. wyes; conc. manholes.

Albert Givian, city eng.

SACRAMENTO, Cal.—City Commission awards contracts as follows: Clark and Henery Construction Co., Ochsenr Building, 43rd street, between 4th ave. and Rose avenue, Tract 2; const. conc. curbs and gutters; c. i. gutter drains with 6-in. vit. sewer connections; constructing conc. manholes; reconstruct manholes; extend 6-in. vit. sewer services to property line; const. 8-in. vit. sewer, ¾-in. water main connections; grading, paving with 5½-in. asphalt concrete.

E. A. Wheeler: Q street, between 2nd and 23rd, except inter. of 3rd, 7th, 8th, 15th and 21st Sts.; 10th St. bet. H and H Sts. bet. 6th and 13th Sts. bet. 7th, 11th, 12th, 13th, 14th, 15th and 16th streets, by grading.

J. W. Terrell, 1111-28th street, to imp. San Miguel Way from D street, to trunk line sewer in D street, by const. vit. sewer with 6-in. vit. wyes; extend 6-in. vit. sewer services to curb; const. conc. manholes; c. i. gutter drains with 6-in. vit. manhole connections and imp. easement, owned by city, through Lot 34 Terrace Villa by const. vit. sewer.

A. Teichert and Son, Ochsenr Bldg., to imp. 44th street, from Folsom Blvd. to north right-of-way of S. F. Co., const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; reconstruct manholes; extend 6-in. sewer services to curb; 1-in. water main connections; grading and paving with 5½-in. asphalt concrete.

A. Teichert and Son, 7th avenue, bet. Sacramento Blvd., and San Carlos Way by const. conc. curbs and gutters; c. i. gutter drains with 6-in. manhole connections and manholes with 6-in. vit. pipe; const. and reconstruct conc. manholes; 1-in. water main connections; grading and paving with 5½-in. asphalt concrete.

LOS ANGELES, Cal.—Until 10 a.m., July 31, bids will be rec. by the Board of Public Works for improving the following streets:

Manchester St. bet. Figueroa St. and Vermont Ave., involv. 65,043 sq. ft. 6-in. conc. paving, 23,236 sq. ft. grading and oiling, 2593 ft. curb, 13,151 sq. ft. walk, 2696 cu. yds. cut, 135 cu. yds. fill, one rein. conc. culvert, 62 ft. sewer, c. complete, 1911 Act.

Leland St. bet. 16th St. and 26th Sts., involv. 100,456 sq. ft. rough grading to grade, 100,456 sq. ft. grading and oiling, 5935 ft. curb, 30,420 sq. ft. walk, 14,744 sq. ft. cut, 2101 sq. ft. fill, 11,181 cu. yds. cut, 1771 cu. yds. fill. 1911 Act.

SAN PABLO, Contra Costa Co., Cal.—Residents of the town of San Pablo will call meeting to consider entering the San Pablo Sanitary District, comprising district adjacent to the town and joining Richmond on the north. The town itself was not included. Ross L. Caffee, 221 So. 22nd St., Richmond, is eng. for district.

BREA, Cal.—Until 7:30 p.m., July 19, bids will be rec. by City Trustees for paving several streets in the city of Brea, involv. 73,884 sq. ft. 4-in. asphalt conc. paving, 235,000 sq. ft. 3-in. asphalt conc. resurfacing 212,000 sq. ft. 6-in. asphalt conc. paving, 1,044,000 sq. ft. grading and oiling. Work will be done under 1911 Act and 1915 Imp. Bond Act. R. W. Phelps, city eng.

STOCKTON, San Joaquin Co., Cal.—County Surveyor F. E. Quall preparing spec. to imp. 1½ mi. of Jack Tonne Rd. bet. Tokay School and Harney Lane; also for 3½ mi. of the Eight Mile Rd., running 2½ mi. east from point on Jack Tonne Rd., thence south along bank of Calaveras River, ¼ of a mile and south ½ mile to the Waterloo Rd.

FRESNO, Fresno Co., Cal.—Until 3:30 p.m., July 20, bids will be rec. by R. V. St. George, city clerk, to imp. Peralta Way bet. Lucerne Lane and Van Ness Ave. and Moroa Ave. bet. University Ave. and 150 ft. south of Peralta Way, involv. 70,645 sq. ft. grading, 61,660 sq. ft. asphalt pavement, 6145 sq. ft. conc. gutter, 760 lin. ft. conc. curb, 2703 sq. ft. conc. walk, 117 ft. 12-in. culvert, 2 manholes. Wm. Stranahan, city eng.

RICHMOND, Contra Costa Co., Cal.—Frank Ansel, Richmond, at \$11,950 awarded contr. by Council to imp. 29th St. bet. Cutting Blvd. and Potrero, involv. 37,235 cu. yds. excavation; 234.52 cu. yds. fill; 30,630 sq. ft. asphalt pavement; 8235 sq. ft. walks; 2277 sq. ft. curb; 2322 lin. ft. curb; 29 lin. ft. curb bar; 30 lin. ft. corrugated culvert. Other bids: L. L. Page, \$11,269; Oakland Paving Co., \$12,514; Hutchinson Co., \$11,832.

REEDLEY, Fresno Co., Cal.—Until July 25, 9 a.m., bids will be rec. by Hazel Trembley, city clerk, to imp. portions of B. C. E. & K. L. M. 7th, 8th, 9th, 10th, 12th, 13th, 14th, 15th and 16th Sts., North, South, Acacia, McGrew, August, Riverview, Kleinsasser Aves., etc., by grading and oiling, and const. curbs, except where already improved; 1 rein. conc. catch basins with storm water inlets and vit. pipe storm drains. 1915 Bond Act. Cert. check 10% payable to city, required.

SAN DIEGO, Cal.—John Engebretsen, 206 McNece Bldg., San Diego, at \$24,561 awarded contr. to grade Myrtle Ave. bet. Indiana and Vermont Sts., and portions of Hermit, Albert and Richmond Sts., including cement walks, curbs and cem. pipe culverts.

G. R. Daley, 440 McNece Bldg., was awarded contr. at \$5210 for paving Texas St. between High and University Aves., with asphalt conc. wearing surface on asphalt conc. base.

V. A. Olson, 4153 Florida St., submitted low bid at \$3314 for paving alleys in Block 29, H. M. Higgins Add. with one-course cem. and constr. two house sewers.

George R. Daley, 440 McNece Bldg., San Diego, awarded contr. at \$5576 for paving Mission St. bet. Georgia St. and Park Blvd., with asphalt conc. pavement, constr. conc. curbs and walks.

George R. Daley, 440 McNece Bldg., San Diego, submitted low bid at \$6274 for grading segment St. bet. A St. and 250 ft. north of Ash St., incl. const. of walks.

NEVADA—Approx. quantities of materials involving to construct 7.05 mi. of highway in Nye county bet. 6.9 mi. southeast of Canyon and 3.6 mi. southeast of Reedley, for which will be opened by State Highway Commission, August 2, follow: 7.05 miles preparing subgrade and shoulders; 4850 cu. yds. screen and load gravel; 14,580 cu. yds. m. haul gravel and 4,850 cu. yds. spread gravel. Geo. W. Jordan, state highway engineer.

EAST SAN DIEGO, Cal.—City Council has ordered City Eng. E. Paul Ford to prepare plans for a water system under the district plan. The entire system will use cast iron pipe. The mains are to be 12, 16, 24 and 36-in. diameters, while laterals or feed pipes will be 8, 10, 12 and 14 in. The decision of the Council to provide the city's water distributing system by the district plan followed the defeat of the proposed bond issue at the recent election.

OAKLAND, Cal.—Bids will be received until July 17, 1922, by the Secretary of the Oakland School District for grading, oil surfacing, rock dust surfacing, etc., the school yards for the coming year. See call for official bids under official proposals.

CALIFORNIA—Warren Constr. Co., 2779 Poplar St., Oakland, at \$37,056 awarded contr. by State Highway Comm. to grade 8 mi. in Lassen County, bet. Johnsonville and Marysville, by 35,000 cu. yds. excav. without classification; 475 cu. yds. Class A Port. cem. conc. culverts and monuments; 480 lin. ft. 12-in. 220 lb. ft. 18-in. and 270 lb. ft. 12-in. corrugated metal pipe, 68 monuments.

LOS ANGELES, Cal.—Until 10 a.m., July 31, bids will be rec. by Board Public Works for improving Armour street, between Cassatt and Pasadena Villa Tract, and portions of other sts., involving 12,713 sq. ft. grading and oiling, 959 ft. curb, 4721 sq. ft. walk, 1908 sq. ft. gutter, Vrooman Act.

AREKA, Siskiyou Co., Cal.—Until April August 1, 10 a. m., bids will be rec. by W. J. Neilon, county clerk, to imp. road in Sherding and Weed from its intersection with the state highway to the line of the Southern Pacific R. R. right-of-way near Weed Depot in Butte road District, H. J. Sarter, county surveyor.

HERMOSA BEACH, Cal.—H. Wignall, 1905 Summit street, Hermosa Beach, awarded contract at \$19,623.85 for paving Morningside Dr. and other streets, involving 10,100 ft. redwood leaders at 25¢ ft. 31,800 sq. ft. 5-in. concrete paving at 25.5¢ ft., 19,290 sq. ft. 4-in. concrete paving at 26.5¢ ft. (paving includes grading in both cases), 150 ft. "A" curb at 50¢ ft. 12 lighting posts, comp. at \$276.00. Bids were also rec. from Manhattan Beach, \$24,529.20; C. W. Sparks, Los Angeles, \$21,783.70; J. E. Buckford, Los Angeles, \$24,009.70.

STOCKTON, Cal.—San Joaquin Co., Cal.—Until August 1, 10 a. m., bids will be received by A. L. Banks, city clerk, to const. outfall sanitary sewer from North Sewage Disposal Plant to San Joaquin river. W. E. Hogan, city engineer.

NAPA, Napa Co., Cal.—Western Construction Co., 21 California St., San Francisco, at \$47,559 awarded contr. by Supervisors to const. Brown's Valley highway, 3.10 mi. long, 6-in. conc., 18 ft. wide.

VALLEJO, Solano Co., Cal.—I. T. Walsh, 282 20th Ave., San Francisco, at \$9,255 awarded contr. by Vallejo Emergency Water Supply Assn., to lay pipe line 30,900 ft. long bet. Suscol Wells at Lone Tree Farm, Napa County, and pump near Napa Junction, approx. 12,900 ft. of 8-in. stand screw pipe and 18,000 ft. of 12-lap welded steel pipe to be coupled with Dryden couplings, placing valves, flanges and meters, etc., from pump house and installing equipment and erecting bridges, supports, etc., for pipe.

SAN FRANCISCO—Board of Public Works rejects bid of City Const. Co., \$6394, at \$10,000 for imp. Mars St. bet. 17th St. and Corbett Ave., involv. 100 cu. yds. cut; 280 cu. yds. fill; 734 lin. ft. conc. curbs; 7520 sq. ft. asphalt pavement; 750 sq. ft. br. pavement; reconstruct 100 sq. ft. basalt pavement; 4100 sq. ft. art. stone walks; 1 br. catch basin; 2 br. manholes; 200 lin. ft. 10-in. culverts; 1 conc. retaining wall.

SAN RAFAEL, Marin Co., Cal.—Until Aug. 3, 2 P. M., bids will be rec. by E. Graham, county clerk, to imp. portion of San Rafael and Olema County Rd., through Fairfax, and portion of Fairfax and Bolinas County Rd., in Rd. Dist. 2. G. M. Dodge, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—Hugh Cramsey, San Jose, awarded contract by council to imp. St. James street, bet. San Pedro and River sts., by grading, paving with 3-in. asphalt conc. base with 1½-in. Warrenite-bit. surface; concrete curbs and gutters; art. stone walks; 4 br. catch basins; 8-in. vit. pipe drains. Wm. Popp, city engineer.

SAN LUIS OBISPO, Cal.—Until August 7, 2 P. M., bids will be received by county supervisors, to construct portion of Avila road from pt. approx. 500 ft. from downtown to Ontario road house to Town of Avila, involv. 5,500 cu. yds. excavation, incl., borrow; 8-296 lin. ft. shaping and rolling road bed; 2,049 cu. yds. Class A conc. (pavement); 1,500 lbs. of 100 mesh. in place (pavements). Spec. may be had from county engineer Warren Earch, Lowe Bldg., on deposit of \$2.

WHITTIER, Cal.—W. J. Brand, 290 Lemon St., Riverside, submitted lowest bid to city trustees to pave Walnut street betw. Washington and Greenleaf streets, involv. 30,811 sq. ft. grading and 6-in. concrete paving at 26¢ ft.; 4359 ft. curb at 54¢ ft. and 21,066 sq. ft. walk at 18½¢ ft. Bid taken under advisement. Paul E. Todd, city eng.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention to improve streets:

(Res. 24356): portions of Holland St. from 54th avenue, southeasterly;

(Res. 24354): portion of Crittenden street, from 54th street, southeasterly;

(Res. 24344): portions of Erie and York streets, between Prince and Cottage streets.

All by grading, constructing concrete curbs and gutters and paving with oil macadam. 1911 Act. Protests Aug. 3. W. W. Harmon, city engineer.

LOS ANGELES, Cal.—Adam Layer, 360 Crocker Building, submitted low bid to board of public works, \$16,272 for paving N. Lowell Ave. bet. 485.05 ft. north of Newtonia Dr. and Huntington Dr. north, involv. 158 sq. ft. conc. paving, 18,432 sq. ft. rough grading, 48,332 sq. ft. finish grading, oiling and rolling, 3143 ft. curb, 17,154 sq. ft. walk, 7910 sq. ft. gutter.

SAN RAFAEL, Marin Co., Cal.—Following bids rec. by Council for covering certain streets with asphaltic concrete wearing surface, approx. 276,000 sq. ft. (a) fine graded aggregate type; (b) coarse graded aggregate; (c) Warrenite-bitulithic.

J. A. Costello Jr., 1083 Shottwell St., San Francisco, \$30,920; Warrenite, \$54,390. S. P. Brownlee, San Rafael, all types, \$41,520. Pay Improvement Co., Theban Bldg., San Francisco, (a) \$38,622; (b) \$41,382; Warrenite, \$56,408. Oakland Paving Co., 5000 Broadway, Oakland, (a) \$42,150; (b) \$40,220. Eaton & Smith, 407 11th St., San Francisco, (a) \$31,090; (b) \$46,850.

Taken under advisement. H. K. Rainier, city eng.

LOS ANGELES, Cal.—Until 10 a.m., July 21, bids will be rec. by Board of Public Works for imp. the following streets:

Meridian St. bet. Neva Pl. and Ave. 57, and a portion of Toledo St., involv. 61,910 sq. ft. grading and oiling, 372 sq. ft. conc. paving, 16,714 sq. ft. walk, 3292 sq. ft. curb, 7825 sq. ft. gutter, 14 house sewers (6-in. cem. pipe); Vrooman Act.

Crenshaw Blvd. bet. Wilshire Blvd. and 8th St., involv. 36,592 sq. ft. 6-in. conc. pavement, with paint binder, and 1½-in. Warrenite-bit. surface, 237 ft. curb, 1926 sq. ft. gutter, 335 ft. house sewers. Vrooman Act.

WHITTIER—Fairchild-Gilmore-Wilton Co., L. A. Ry. Bldg., Los Angeles, awarded contr. by Trustees to pave Penn St. bet. east city limits and Greenleaf Ave., involv. 199,889 sq. ft. grading and 6-in. conc. at 36¢ ft.; 4542 ft. curb at 60¢ ft. and 45,500 sq. ft. walk at 22¢ ft. and 3 conc. catch basins.

Fairchild-Gilmore-Wilton Co., awarded contr. to pave with 5-in. conc. alley bet. Greenleaf and Briar Aves. from Luella to Broadway at 57½¢ sq. ft., and alley bet. Greenleaf and Comstock from Baldwin to Walnut at 28¢ sq. ft.

RECORD GAS SALES MADE IN 1920

Although the gas-making industry had great difficulty in obtaining adequate supplies of good fuel in 1920, the quantity of gas sold was greater than ever before, amounting to nearly 500 billion cubic feet, having a value of more than \$300,000,000, according to the United States Geological Survey, Department of the Interior. The sale of by-products by gas-making companies was also greater in 1920 than in any previous year. Over 100,000,000 gallons of tar, 55,000,000 pounds of ammonium sulphate or its equivalent, and nearly 125,000,000 gallons of light oil and other derivatives were the principal items among these by-products.

The average price of gas in 1920 was much higher than it had been for several years, averaging 16 cents a thousand cubic feet greater for coal gas and water gas, and 5 cents a thousand cubic feet greater for oil gas and coke oven gas than in 1918.

PLANS PROGRESSING FOR CALIFORNIA INDUSTRIES EXPOSITION

Plans are already being laid for the Second California Industries Exposition, which will be held in the Exposition Auditorium October 7 to 28, according to an announcement made by the central bureau and program committee of San Francisco organizations.

Supervisor Angelo J. Rossi has again been elected president of the exposition, with C. E. Baen vice-president and Anthony A. Tremp general manager.

Rossi will appoint the general executive committee in a few days, which will consist of prominent citizens and men who helped make the P. P. I. E. a success.

According to Manager Tremp, the exposition will have selected exhibits from over 4000 industries in the bay region alone. Tremp has opened offices in the Flatiron Building.

ARNO MEREEEN APPOINTED PRODUCTION MANAGER FOR L. A. PRODUCTS COMPANY

Arno Meeeren, who has been identified with the C. A. Smith lumber and manufacturing corporation in the Pacific Coast for 25 years, has been appointed production manager for the L. A. Lumber Products Co., the new \$10,000,000 corporation recently formed following the consolidation of the properties and interests of the Los Angeles Shipbuilding and Drydock Corporation with those of the Massett Timber Co., Ltd., of British Columbia.

The highest grades of spruce and hemlock will be prepared to meet the demand for flooring, interior finish, sash, door and furniture manufacture, the lower grades will be used in the making of boxes in both the nailed up and the shock form.

J. L. Cooper Flooring Co., 419 W. Eighty-first St., Los Angeles, has succeeded the Cooper Floor Finishing Co., Los Angeles, which has been discontinued.

LOS ANGELES, Cal.—Adam Layer submitted low bid to board of public works, at \$16,272 for paving N. Lowell Ave., between 455.05 ft. north of Newtonia Dr. and Huntington Dr. North, involving 158 sq. ft. concrete paving, 18,422 sq. ft. rough grading, 18,432 sq. ft. finish grading, oiling and rolling, 3448 ft. curb 17.154 sq. ft. walk, 7910 sq. ft. gutter and 1 storm drain.

STOCKTON, San Joaquin Co., Cal.—City Engineer W. B. Hogan completes specification for north outfall sewage disposal system and bids will be asked shortly.

PHOENIX, Ariz.—Until 2 p. m., July 24, bids will be received by Mariposa Co. highway comm. 517 W. Washington street, Phoenix, to construct highway project No. 46 (federal aid project No. 1000), on file at office of comm., or at office of state highway department.

NAPA, Napa Co., Cal.—Western Construction Co., 24 California street, San Francisco, at \$47,553 submits low bid to supervisors to construct Browns Valley highway from Napa city limits to Hobson corner in Brown Valley, 3.16 mi. long, 6-in. concrete, 18-ft. wide. Other bidders: Galbraith & James of Napa, \$52,716.75; R. E. Errington of Napa, \$59,428.95; Hart Construction Co. of Gerber, \$54,866; Healy, Moore & McNair of Oakland, \$53,721.50. General Construction Co. of San Francisco, \$54,947.50; N. M. Ball of Porterville, \$48,544. G. W. Cushing of Richmond, \$45,243.75.

PHOENIX, Ariz.—Goodman & Merrill St. David, submitted low bid to state highway department at \$28,965.40 to construct sec. P or Florence-Superior highway, from Superior to Queen Creek bridge.

SANTA ROSA, Sonoma Co., Cal.—Until Aug. 1, bids will be rec. by Vida McL. Doggett, city clerk, for improvements at city water works. C. C. Kennedy, Call Bldg., San Francisco, eng.

LOS ANGELES, Cal.—No bids rec. by Board of Public Works, July 10, for inflow and overflow sewers at Fish Harbor sewage pumping plant.

PORTLAND, Ore.—Until July 21, 10 a. m., bids will be rec. by C. H. Purcell, District Eng., U. S. Bureau of Public Roads, 116 Postoffice Bldg., to construct highways as follows: 20-mi. stretch Klamath-Sand Creek Natl. Forest project in Crater Natl. Forest in Klamath County, involv. 70 acres clearing; 40 acres grubbing; 60,000 cu. yds. common excavation; 20,000 cu. yds. rock excavation; 305 sta. grader work; 14.2 mi. finishing; 1520 lin. ft. pipe culverts; 75 cu. yds. Class A and 195 cu. yds. Class C conc.; 7090 lbs. rein. steel; 6,255 tons steel I beams (hauling and erection); 1000 lin. ft. 6-in. porous drain tile; 25 cu. yds. loose riprap; 47,000 cu. yds. crushed rock or gravel.

10.2-mi. stretch in Klamath County, involv. 15,000 cu. yds. common excavation; 1.5 mi. finishing earth road; 140 cu. yds. Class A and 100 cu. yds. Class C conc.; 13,000 lbs. rein. steel; 125 tons I beams (hauling and erection); 6 mi. pipe culverts; 6 in. porous drain tile; 24,000 cu. yds. crushed rock or gravel surfacing; 273 sta. grader work.

LA GRANDE, Ore.—Sloan Const. Co. at \$28,375 awarded contract by County Board of Const., 5.38 miles of Wallowa Hill highway.

LOS ANGELES, Cal.—Firehild-Gilmore-Wilton Co., L. A. Ry. Bldg., submitted low bid to supervisors at \$22,140 for paving with 6-in. conc. and 2-in. asphalt conc. surface, Whittier Blvd. bet. Indian and S. Rowan Sts., 1490 lin. ft. in Road Imp. Dist. No. 203, involv. 1412 cu. yds. excav.; 5828 sq. yds. shaping conc. curb; 1070 ft. 6x10x14 in. curb; 317 ft. 6x10x10 in. curb; 255 ft. curb at curb outlets; 2980 lin. ft. 6x12 in. conc. curb; 13 ft. walk; 86 ft. 5-in. conc. curb; 5828 sq. yds. 6-in. conc. base; 5828 sq. yds. 2-in. asph. conc. surface; 66 cu. yds. conc. for curb; 480 sq. ft. walk. Engineer's est., \$34,804. Taken under advisement.

LOS ANGELES, Cal.—P. S. Tomlich, 125 N. Fremont Ave., submitted low bid to Board of Public Works at \$16,000 for constr. sewer in Centre St. and Drexius St. sewer dist., San Pedro.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Eaton & Smith, 407 11th St., San Francisco, at approx. \$28,000 were awarded contract by Trustees to improve streets in Teek's Tract, by grading, paving with 1-in. conc. base with 1 1/2-in. Topkosa surface; conc. curbs, gutters and walks; 4-in. sewer laterals. Geo. Kneese, city eng.

SAN LOUIS OBISPO, Cal.—Petitions for street work in Vandorck Branch, Ward and Story Sts. are being circulated by property owners.

SANTA ROSA, Sonoma Co., Cal.—Bids will be received until Aug. 13, by the County Clerk of Sonoma County, for grading approximately 2 miles of highway on the Graton-Occidental Rd., Section B in the Fifth District. There will be approximately 9300 cu. yds. excavation without classification; 800 cu. yds. crushed rock and gravel; 450 lin. ft. pipe to be installed (pipe furnished by contractor); 54 cu. yds. concrete on headwalks, etc. Est. cost, \$9000.

SALINAS, Monterey Co., Cal.—Supervisors reject bids received to construct Robinson Canyon road, Monterey district, and work ordered done by day labor under supervision of Howard Cozens, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny street, San Francisco, at 24c sq. ft. awarded contract by council to grade and pave with 3-in. asphalt concrete base and 1 1/2-in. asphalt concrete surface 937 street, between Santa Clara and Julian St.

FAIRFIELD, Solano Co., Cal.—Petition of Vallejo residents seeking formation on Road Imp. District to improve streets in that section will be considered by county supervisors August 7. F. A. Steiger, county surveyor.

SAN PABLO, Contra Costa Co., Cal.—Ross L. Calfee, 221 So. 22nd St., Richmond, eng. for San Pablo Sanitary District, to prepare spec. for sewer in Wall's Second addition to Richmond. Bids will be asked shortly.

MARTINEZ, Contra Costa Co., Cal.—Until Aug. 21, 11 a. m., bids will be rec. by J. W. Wells, county clerk, to complete Div. 30 of county highway system. R. R. Arnold, county eng.

SAN FRANCISCO—City Eng. H. M. O'Shaughnessy completes spec. to extend main sewer in Flora street, to Bay View street, involving 180 lin. ft. 8-in. vit. sewer; 8 wye branches and 1 br. manhole.

OAKLAND, Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, awarded contract by Council to imp. portion of 76th St. by grading, 4c sq. ft. conc. curb, 76c lin. ft. conc. gutter, 25c sq. ft. oil macadam pavement, 14c sq. ft. cement walks, 18c sq. ft.

Hutchinson Co. awarded contract to imp. portion of 4th Ave. by grading, 4c conc. curb, 76c conc. gutter, 26c oil macadam pavement, 13c.

Frank Ferreira awarded contract to sewer portion of Coleman Ave., 8-in. sewer, 13.25 manhole, \$32.50; lamp post \$23; drop connection, \$15; wye branch, \$17.75.

LOS ANGELES, Cal.—George R. Curtis, 2149 E. 26th St., L. A., submitted lowest bid to Supervisors at \$80,761.71 for paving with 6-in. concrete and 2-in. asphalt concrete surface Whittier Boulevard between South Rowan St. and Pasadena Ave., 4120 lin. ft. in Road Dist. No. 4, involv. 5925 cu. yds. excav., 2025 lin. ft. 18-in. curb, 1322 lin. ft. 22-in. curb, 16,026 sq. ft. 6-in. x 3 ft. conc. gutter, 17,374 sq. yds. 9-12 in. concrete, 17,991 sq. yds. conc. base, 14,791 sq. yds. asph. conc. surface, 6129 lin. ft. curtain wall; 576 sq. yds. 6-in. conc. pavement, 13,379 sq. yds. shaping roadbed, placing 6 Class A concrete culverts, 450 ft. curb at culvert outlets. Taken under advisement.

STOCKTON, San Joaquin Co., Cal.—City Moreno, Commercial Savings Bldg., Stockton, at \$102,849 submits only bid to Council to imp. Marsh St. and Alma Ave. from 25 ft. east of Court Alley to Fair Oaks Ave. East Church St., East Thornton Ave. and East Stockton Ave. from pt. 25 ft. east of Court Alley to Searchlight Ave.; East Taylor St. bet. McDonnell and Searchlight Ave.; McDonnell and Sharon Aves. bet. East Taylor and Fair Oaks Ave.; by grading, const. comb. curb and gutters; conc. walks; east side of McDonnell Ave., opposite Block 22, by const. conc. walks; on west side McDonnell Ave., north 65 ft. of Lot 22 in Block 1, Searchlight Addition, by paving with 4-in. cementing gravel base with 2-in. asph. macadam surface. Bid is \$7000 lower than est. of City Eng. W. B. Hogan.

TUCSON, Ariz.—George B. Singleton, P. O. Box 156, Tucson, awarded contract by City Council at \$2,899.35 for paving with Willite portions of Alameda, Driscoll St. and Toole Ave., involving 5623 sq. ft. walk, 2183 ft. 16-in. curb, 120 ft. 32-in. gutter, 787 ft. 14-in. curb, 2537 sq. ft. 3-in. curbs, 30 sq. yds. subgrade; 50 cu. yds. excav. and backfill, 160 ft. 4-in. sewer pipe, 11 survey monuments, 11,812 sq. yds. 2-in. Willite on 3-in. Willite base.

VALLIEJO, Solano Co., Cal.—J. T. Walsh, 282 20th Ave., San Francisco, at \$10,255 submits low bid to Vallejo Emergency Water Supply Assn., S. J. McDonnell, secy., to lay pipe line 30,000 ft. long bet. Suscol Wells at Lone Tree Farm, Napa County, and pt. near Napa Junction, approx. 12,000 ft. of 8-in. stand. screw pipe and 18,000 ft. of 12-lap welded steel pipe to be coupled with Dryden couplings, placing valves, fitting and making manholes, pump house and install. equipment and erecting bridges, supporters, etc. for pipe. Other bids: Schultz Const. Co., \$13,302; United Const. Co., \$16,608; King Knight, \$11,615; G. H. Chick, \$11,616.

MARTINEZ, Contra Costa Co., Cal.—City Eng. Ben Greene completes spec. to pave and sewer Escobar St. around Jones corner, connecting with present pavement at Shell property, approx. 4 blocks. Est. cost, \$10,842.

LOS ANGELES, Cal.—The finance and health and sanitation committees of the City Council have adopted the proposed sewer right-of-way agreement between Los Angeles and Culver City, and appropriate at once \$465,000 for sewer pipe line and treatment plant, to be constructed, south of Culver City, Napa County, and pt. near Napa Junction, and constructing treatment plant are to be let immediately. This emergency pipe line will handle the excess sewage from the southwest part of city for next three years. The \$12,500,000 sewer bond issue will be presented to voters at August primary, and if carried, will provide for additional treatment plants and new outfall sewer to the sea.

SACRAMENTO, Cal.—Specifications for completion of the city filtration plant are being printed and bids for the work will be asked within the next two weeks.

SAN JOSE, Santa Clara Co., Cal.—Clark & Henery Const. Co., Hearst Bldg., San Francisco, at \$13,761 awarded contract by Board of Supervisors for 1st and Bodfish Mill road in Supervisor's District 1.

STOCKTON, San Joaquin Co., Cal.—County Surveyor F. E. Quall preparing spec. to pave and grade on Hershey and Brack roads in the Thornton Dist.

BANNING, Cal.—J. F. Knapp, 601 E. Main St., Turlock, awarded contract by City Trustees for paving on Gorgona Ave. bet. Niles and Gilman Sts., involv. 75,823 sq. ft. 5-in. conc. paving, including grading, at 20.25c ft. 26,070 ft. curb at 85c ft. Approx. one-third of this job will be done under contract bond and balance under 1911 Act. Paul E. Kressly, H. W. Hoffman Bldg., Los Angeles, eng.

Sturgis, clerk, declares intention to imp. 14th St. bet. Market and Poplar Sts., by grading, const. curbs and gutters, paving with asphalt, const. manholes, 7 br. catch basins; vit. pipe conduits. 1911 Act. Protests July 27. W. W. Harmon, city eng.

CARSON CITY, Nevada.—Until Aug. 2, 2 p.m., bids will be rec. by State Highway Comm. to const. imp. in Carson County, bet. 63 and 65 mi. S.E. of Canon and 3.6 mi. S.E. Reno, with by grading and placing gravel surface. Geo. W. Borden, State highway eng. See call for bids under official proposal section in this issue.

BERKELEY, Alameda Co., Cal.—Until July 27, 10 a.m., sealed bids will be rec. by E. M. Brown, city clerk, to const. 6-in. vit. sewer 11 ft. east of west line of Arthur St. from sewer in Addison St. north 270 ft. to 1 lamphole. Imp. Act 1911. C. L. Higgins, city eng.

SAN BERNARDINO, Cal.—Res. of intention, adopted by County Superintendents to improve Hellman Ave. bet. Olive St. and 17th St. with 12-in. vit. sewer, const. curbs, concrete walls, concrete culverts, iron pipe railing. 1907 district imp. act. Harry L. Allison, clerk of the board.

CALIFORNIA.—Geo. H. Oswald, 366 E. 54th St., Los Angeles, at \$125,455 awarded contr. by State Highway Commission to const. section in **Orange County** bet. east boundary and San Juan Creek; 8.5 mi. long; 24 mi. to be paved with port. cem. concrete and 5.5 mi. to be paved with port. cem. concrete shoulders and asphalt, const. wearing surface.

Southwest Paving Co., Washington ridge, Los Angeles, at \$103,765 awarded contract for 19.5 mi. in **Santa Barbara County** bet. Cananda de las Llagas and Los Chiqueros Creek; to be paved with port. cem. concrete shoulders and asphalt, const. wearing surface.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raiser, 46 Kearny St., San Francisco, at \$24,341 sq. ft. awarded contract by City Council to grade, pave with 3-in. asphalt, const. base with 1 1/2-in. asphalt, const. surface, Ninth St. bet. Santa Clara and St. John Sts.

HAYWARD, Alameda Co., Cal.—J. A. Costello, 1083 Shotwell St., San Francisco, at \$72,000 awarded contract by Town Trustees to improve portions of Watkins, 1st, 14th and 15th Sts., by grading, paving with 12-in. vit. sewer, const. base with 1 1/2-in. asphalt, const. surface, const. curbs and gutters, 6-in. vit. sewers, etc. Other bids. Hutchinson Co., \$73,000; Oakland Paving Co., \$85,000; Jesse Holly, town eng.

RICHMOND, Contra Costa Co., Cal.—Until July 23, 8 p.m., bids will be rec. by A. C. Paris, city clerk, to imp. portions of 16th and 17th Sts., Macdonald and Portola Aves., by grading, paving with 2-course 6-in. asphalt, const. concrete walks, curbs with galv. steel bars; vit. pipe culverts, catch basins, manholes, retaining walls, vit. sewers, etc. Imp. Act 1911. H. D. Chapman, city eng.

OROVILLE, Butte Co., Cal.—Until July 25, 7:30 p.m., bids will be rec. by R. W. Gibson, clerk, to imp. Veach St. bet. Robinson and Osage Ave., incl. crossing of Ponoma, by grading, paving with 1 1/2-in. asphalt, const. base with 4-in. Warrenton-bit pavement, const. curb and gutter, curv. iron culverts. 1911 Act and Bond Act 1915. S. J. Norris, city eng.

MARYSVILLE, Yuba Co., Cal.—City Council, Edw. F. Stanwood, clerk, declares intention (No. 15) to imp. portions of Chestnut, Elm, Oak, Third, B and other Sts., grading, const. concrete walks, curbs and gutters, paving with 1 1/2-in. Warrenton-bit, base with 1 1/2-in. Warrenton-bit, wearing surface, full width.

Intention (No. 16) declared for similar improvements in portions of Elm, High, D, C, 9th and other streets. 1911 Act and Bond Act 1915. Protests July 21. W. M. Meek, city eng.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention to imp. 14th St. bet. portions of Harmon Ave. bet. 57th and Seminary Aves., by grading, const. concrete curbs, gutters and walks; paving with oil macadam. 1911 Act. Protests Aug. 3. W. W. Harmon, city eng.

MARYSVILLE, Yuba Co., Cal.—Until July 24, 8 p.m., bids will be rec. by Edw. F. Stanwood, city clerk, to imp. following street intersections: D and 8th, Elm and 4th, Chestnut and 6th, Elm and 5th, Oak and 5th; south half of 6th St. bet. B and C, and north half of 5th St. bet. B and C, by paving with Warrenton-bit pavement; const. curb and catch basins, etc. Cert. check 10% payable to city, rec. Deposit of \$100 req. for plans. W. M. Meek, city eng.

RICHMOND, Contra Costa Co., Cal.—Until July 24, 8 p.m., bids will be rec. by A. C. Paris, city clerk, to imp. Bay View Ave. bet. San Pablo and 53rd St., by grading, paving with one-course 1-in. asphalt, const. concrete curbs with galv. steel bars, const. gutters and walks; const. concrete curbs, gutters and cement concrete culverts and catch basins; vit. sewers; 55th St. bet. Highland Ave. and Bay View and bet. Bay View and pt. 100 ft. north, by grading, paving with one-course 4-in. asphalt, const. concrete curbs, gutters and walks; const. iron or steel and concrete culverts. 1911 Act. H. D. Chapman, city eng.

NAPA, Napa Co., Cal.—Until July 24, 7:30 p.m., bids will be rec. by H. H. Thompson, city clerk, to imp. Yajome St. bet. Calmus and Lincoln Aves., by grading, paving with 2-course asphalt, const. curbs, const. concrete catch basins. H. A. Harrold, city eng.

FURLINGAME, San Mateo Co., Cal.—Board of Fire Underwriters recommends to City Trustees the installation of larger water mains. This action was taken by the fire board following the declaration of the City Trustees to purchase a pumping fire engine.

SAN FRANCISCO.—Until July 19, 3 p.m., bids will be received by Board of Public Works to improve streets as follows:

Taraval St. bet. 37th and 48th Aves., involve 662 lin. ft. concrete curbs; 655 lin. ft. 8-in. and 215 lin. ft. 12-in. sewer; 8-in. and 9 1/2-in. wye branches; 2 br. manholes; 35 br. catch basins; 1225 lin. ft. 10-in. pipe culvert; 6604 sq. ft. art. stone walks; 180,930 sq. ft. asphalt, const. pavement.

Hollister St. bet. Hawes and Girthing, involve 600 lin. ft. 12-in. vit. sewer; 48 12-in. wye branches; 1 br. manhole.

St. Vernon Ave. bet. Howth and Lombard, incl. crossing of Lombard St., involve 933 cu. yds. cut; 508 lin. ft. concrete curb; 660 sq. ft. art. stone walks; 9103 sq. ft. asphalt, const. pavement; 6 br. catch basins; 75 lin. ft. 10-in. vit. pipe culvert.

Spec. may be had from office of City Eng. M. M. O'Shaughnessy, 3rd floor, City Hall.

SEBASTOPOL, Sonoma Co., Cal.—Until July 22, 12 M., bids will be rec. by Chas. H. King, clerk Sebastopol Grammar School District to imp. portions of 14th and 15th Sts. bet. Fulton Ave. and pt. 229.2 ft. west, by grading, paving with 4-in. waterbound macadam, where not already 2-in. asphalt, const. with 1 1/2-in. Warrenton-bit surface. Cert. check 10% payable to clerk of Trustees of District, required.

SACRAMENTO, Cal.—Until July 29, 9 p.m., bids will be rec. by H. G. Devo, city clerk, to improve streets as follows:

48th St. bet. R and U Sts., const. concrete curbs, gutters and walks; e. i. gutter drains with 6-in. vit. manhole connections; const. curbs and sidewalks, and reconstruct manholes; sewers, const. with 5 1/2-in. asphalt, const.

Eighty St. bet. D and I Sts., by reconstruct catch basins and manholes; e. i. gutter drains with 6-in. vit. manhole connections; const. manholes and paving with 2-in. asphalt, const.

Tenth St. bet. C and G Sts., by reconstruct catch basins and placing on finished subgrade a 2-in. asphalt, const. pavement; H St. bet. 6th and 18th Sts., except inter. of 7th, 11th, 12th, 13th, 14th, 15th and 16th Sts., by remove basalt block gutters and const. concrete gutters; reconstruct catch basins, grade and pave with 2-in. asphalt, const.

Albert Givan, city eng.

STATE WATER COMMISSION

CALIFORNIA.—Following applications were filed with the State Department of Water Works, Division of Water Rights, H. A. Kluegel, Chief of Division, during the month of June, 1922, for permits to appropriate water:

Applications:
Application No. 2859 (**Del Norte County**), Henry Kentia and Matt Kentia, Care of K. F. Pruess, Grants Pass, Oregon, for 25 cu. ft. per second from W. Fork of Altithouse Creek, 25 cu. ft. per second from French Gulch, to be diverted in Sec. 5, T. 19N., R. 6E., H. M., for mining purposes near point of diversion. Est. cost \$2500.

Application No. 2860 (**Inyo County**), Ollie E. Dearborn and Frank M. Dearborn, Lone Pine, Cal., for 4.0 cu. ft. per second from Owens River, to be diverted in Sec. 23, T. 16N., R. 3E., for irrigation of 320 acres. Est. cost, \$1000.

App. No. 2861 (**Mendocino County**), Snow Mountain Water and Power Co., 216 Pine St., San Francisco, for 400 cu. ft. per second and 90,000 ac. ft. per annum from Middle Eel River, Thatcherville and Elk Creek, to be diverted in Sec. 28, T. 23N., R. 11W., and Secs. 16 and 32, T. 21N., R. 11W., for supplying the east bay cities and other cities and towns on San Francisco Bay. Estimated quantities with water. Est. cost, \$10,000,000.

App. No. 2862 (**Mendocino County**), Snow Mountain Water and Power Co., 216 Pine St., San Francisco, for 400 cu. ft. per second and 90,000 ac. ft. per annum from Middle Eel River, Thatcherville and Elk Creek, to be diverted in Sec. 28, T. 23N., R. 11W., and Secs. 16 and 32, T. 21N., R. 11W., for the development of hydroelectricity, 12,000 h.p. Proposes a dam 130 ft. high and a water conduit of 400 second ft. capacity and 18 miles in length made up of tunnels, pipe lines and other forms of conduits. Est. cost, \$10,000,000.

App. No. 2865 (**San Diego County**), George T. Simpson, 208 Spreckels Theatre Bldg., San Diego, Cal., for 1.75 cu. ft. per second from Santa Maria Creek, to be diverted in Sec. 18, T. 18N., R. 1W., for irrigation of 140 ac. near point of diversion. Est. cost, \$10,000.

App. No. 2866 (**Stanislaus County**), Blanche Morton, San Ramon, Cal., for 0.5 cu. ft. per second from Big Stanislaus Creek, to be diverted in Sec. 12, T. 6S., R. 8E., for irrigating 230 ac. near point of diversion. Est. cost, \$3000.

App. No. 2867 (**Santa Cruz County**), John G. Veitch, 1273 11th Ave., San Francisco, for .65 cu. ft. per second from Mill Creek and two tributaries, to be diverted in Sec. 23, T. 10S., R. 3E., for covering 4 1/2-in. Columbia Road, 5.5 thp. Est. cost, \$1215.

App. No. 2869 (**Inyo County**), D. T. and F. M. Bedell, Big Pine, Cal., for 0.5 cu. ft. per second from Wacoba Creek, to be diverted in Sec. 18, T. 18S., R. 3E., for mining, milling and domestic purposes. Est. cost, \$30,000.

App. No. 2870 (**San Diego County**), G. W. McCain, 3881 5th St., San Diego, Cal., for .50 cu. ft. per second from Vallecito Creek to be diverted in Sec. 1, T. 14S., R. 5E., and Sec. 6, T. 14S., R. 6E., for irrigation of 120 ac. near point of diversion. Est. cost, \$3000.

App. No. 2871 (**Butte County**), Myers Land Co., care Foster & Godward, attorneys, 1209-10 Pacific Mutual Bldg., Los Angeles, Cal., for 3 cu. ft. per second from Capener Creek, to be diverted in Sec. 18, T. 24S., R. 31E., for irrigation of 240 ac. near point of diversion. Est. cost, \$12,000.

App. No. 2872 (**Santa Cruz County**), H. H. Lee, Santa Cruz, Cal., for .75 cu. ft. per second from Aptos Creek, to be diverted in Sec. 18, T. 11S., R. 1E., for irrigation of 60 ac. near point of diversion. Est. cost, \$3000.
App. No. 2873 (**Imperial County**), E. E. Pollock, 1231 G St., Sacramento, Cal., for 400 cu. ft. per second and 200,000 ac. ft. per annum from Cosumnes River, to be diverted

In Sec. 14, T. 8N, R. 10E, for irrigation of 100,000 ac. in Townships 6, 7, 8N, Ranges 6, 7, 8, 9, 10E. Proposes dam 250 ft. high, concrete construction.

App. No. 2871 (El Dorado and Amador Counties), C. E. Foltz, 1231 J. St., Sacramento, Cal., for 400 cu. ft. per second and 200,000 ac. ft. per annum from Cosumnes River, to be diverted in Sec. 14, T. 8N, R. 10E, for power purposes. Proposes dam 250 ft. high, concrete construction.

App. No. 2875 (San Diego County), San Ysidro Irrigation District, San Ysidro, Cal., for 2.35 cu. ft. per second from underground flow of Tia Juana Valley, to be diverted in Sec. 1, T. 18S, R. 2W, for irrigation of 495 ac. lying within the bounds of the San Ysidro Irrigation District.

App. No. 2876 (Sierra County), Edward I. Lane, care Portola Water Co., Portola, Cal., for 100 cu. ft. per second and 100,000 ac. ft. per annum from Little Truckee River and Webber Lake, to be diverted in Secs. 15 and 16, T. 19N, R. 15E, for irrigation of 80,000 ac. in Sierra Valley, Sierra and Plumas Counties.

App. No. 2877 (Sierra County), Edward I. Lane, care Portola Water Co., Portola, Cal., for 10 cu. ft. per second and 10,000 ac. ft. per annum from Little Truckee River and Webber Lake, to be diverted in Secs. 15 and 16, T. 19N, R. 15E, for generating electrical energy. Proposes 7 miles of pipe line to power house in Sec. 25, T. 20N, R. 15E.

App. No. 2878 (Shasta County), W. W. Brown, care W. D. Tillotson, Redding, Cal., for .21 cu. ft. per second from Hat Creek, to be diverted in Sec. 24, T. 32N, R. 12E, for irrigation of 17 ac. near point of diversion.

App. No. 2880 (San Bernardino County), John J. Seeman and Harry J. Pinney, care E. B. Wickham, attorney, 304 Van Ness Bldg., Los Angeles, Cal., for 25 cu. ft. per second from a spring, to be diverted in Sec. 25, T. 2N, R. 1E, for domestic purposes and for cottages near point of diversion. Est. cost, \$25,000.

App. No. 2881 (Yuba County), John A. Livingston, trustee, for proposed Camp Far West Irrigation District, care Maurice E. Harrison, attorney, 57 post st., San Francisco, for 10,000 cu. ft. per second from Bear River, to be diverted in Sec. 20, T. 14N, R. 6E, for irrigation of 5000 ac. near point of diversion.

App. No. 2882 (San Joaquin County), John A. Curran, care Carlton C. Case, Commercial and Savings Bank Bldg., Stockton, Cal., for 0.37 cu. ft. per second from Mokelumne River, to be diverted in Sec. 14, T. 4N, R. 8E, for irrigation of 40 ac. near point of diversion. Est. cost, \$3,000.

App. No. 2883 (Lassen County), J. J. Fleming et al., Wendell, Cal., for 65,000 ac. ft. per annum from Willow Creek, to be diverted in Sec. 4, T. 30N, R. 13E, for irrigation of 20,000 ac. Proposed canal 30 miles in length. Est. cost, \$350,000.

App. No. 2884 (Sutter County), J. H. Scott and Guy D. Hufford, 331 J. St., Sacramento, Cal., for 0.9 cu. ft. per second from Sacramento River, to be diverted in Sec. 11, T. 11N, R. 2E, for irrigation of 40 ac. near point of diversion. Est. cost, \$500.

App. No. 2885 (Sutter County), J. H. Scott and Guy D. Hufford, 331 J. St., Sacramento, Cal., for 1.37 cu. ft. per second from Sacramento River, to be diverted in Sec. 35, T. 12N, R. 2E, for irrigation of 110 ac. near point of diversion. Est. cost, \$2500.

App. No. 2886 (San Diego County), H. S. Wolf, I. T. Davidson and M. L. Davidson, St. James Hotel, San Diego, Cal., for 0.9 cu. ft. per second from small stream, to be diverted in Sec. 32, T. 15S, R. 2E, for irrigation of 50 ac. near point of diversion. Est. cost, \$1000.

App. No. 2887 (Los Angeles County), J. W. Sullivan, care A. L. Sonderger, 1001 Central Bldg., Los Angeles, Cal., for 200 ac. ft. per annum from San Dimas Creek, to be diverted in Sec. 24, T. 1N, R. 9W, for irrigation of 30 ac. near point of diversion.

App. No. 2888 (Riverside County), Stuart D. Allen, Star Route, Redlands, Cal., for 2 cu. ft. per second from Whitewater River, to be diverted in Sec. 24, T. 4N, R. 1E, for irrigation of 160 ac. near point of diversion. Est. cost, \$1000.

App. No. 2889 (Butte County), H. B. and L. J. Meade, Box 876, Chico, Cal., for 1 ac. from Mud Creek, to be diverted in Sec. 23, T. 23N, R. 1E, for irrigation of 50 ac. near point of diversion.

App. No. 2892 (Slaskly County), Butte Valley Irrigation District, Macedo, Cal., for 5000 ac. ft. per annum from Butte Lake, to be diverted in Sec. 2, T. 46N, R. 2W, for irrigation of 31,627 ac. in and adjacent to Butte Valley Irrigation District. Proposes to use 8 20-inch centrifugal pumps. Est. cost, \$540,000.

App. No. 2893 (Butte County), E. B. Powell, Clipper Mills, Cal., for 1.5 cu. ft. per second from Grizzly Creek, to be diverted in Sec. 36, T. 20N, R. 7E, for filling pond with water for milling purposes near point of diversion. Est. cost, \$1000.

App. No. 2894 (Butte County), Paradise Irrigation District, care R. A. Leonard, attorney, Oroville, Cal., for 3000 ac. ft. per annum from Flood waters of West Branch of Feather River, to be diverted in Sec. 16, T. 24N, R. 1E, for irrigation of 11,100 ac. lying within the Paradise Irrigation District.

App. No. 2895 (Mendocino County), W. A. Locke, care Korts & Gearhard, 1009 Broadway, Oakland, Cal., for 0.5 cu. ft. per second from Doghouse Creek, to be diverted in Sec. 8, T. 21N, R. 13W, for irrigation of 80 ac. near point of diversion.

App. No. 2896 (Slaskly County), C. H. Huff, Dunsmuir, Cal., for 0.5 cu. ft. per second from a small stream, to be diverted in Sec. 25, T. 29N, R. 4W, for use in laundry for working, etc., and domestic purposes near point of diversion. Est. cost, \$1200.

App. No. 2897 (Santa Cruz County), C. H. Widemann, care A. E. Chandler, Balboa Bldg., San Francisco, for 1.75 cu. ft. per second from Scott Creek, to be diverted in Sec. 19, T. 10S, R. 3W, for irrigation of 463 ac. near point of diversion.

App. No. 2898 (Santa Cruz County), C. H. Widemann, care A. E. Chandler, Balboa Bldg., San Francisco, for 0.61 cu. ft. per second from Scott Creek, to be diverted in Sec. 19, T. 10S, R. 3W, for irrigation of 75 ac. near point of diversion.

App. No. 2899 (Santa Cruz County), C. H. Widemann, care A. E. Chandler, Balboa Bldg., San Francisco, for 2.69 cu. ft. per second from Scott Creek, to be diverted in Sec. 18, T. 10S, R. 3W, for irrigation of 215 ac. near point of diversion.

App. No. 2900 (Santa Cruz County), C. H. Widemann, care A. E. Chandler, Balboa Bldg., San Francisco, for .31 cu. ft. per second from Scott Creek, to be diverted in Sec. 15, T. 10S, R. 3W, for irrigation of 25 ac. near point of diversion.

App. No. 2901 (Placer County), Bear River Water & Power Co., care J. L. Rollins, Box 22, Auburn, Cal., for 15,000 ac. ft. per annum from streams in Lake, Six Mile and Wilson Valleys, to be diverted in Secs. 29 and 33, T. 17N, R. 12E, for agricultural purposes. App. No. 2902 (Placer County), Bear River Water & Power Co., care J. L. Rollins, Box 22, Auburn, Cal., for 15,000 ac. ft. per annum from streams of Lake, Six Mile and Wilson Valleys, to be diverted in Secs. 29 and 33, T. 17N, R. 12E, for power purposes. Total amount of power to be developed, 3255 t.h.p.

App. No. 2904 (Slaskly County), W. D. Duke, care F. H. Tibbets, Alaska Commercial Bldg., San Francisco, for 200 cu. ft. per second from Shasta River and Parks Creek, to be diverted in Sec. 37, T. 42N, R. 5W, and Sec. 32, T. 43N, R. 5E, for irrigation of 15,000 ac. in Townships 44, 45, 46N, Ranges 5 and 6W. Proposes main canal 30 miles in length. Dam 65 ft. high, of rock and earth fill. Est. cost, \$2,000,000.

App. No. 2905 (Ventura County), Boyd E. Gabbert, care of Drapac, Orr & Gardner, First National Bank Bldg., Ventura, Cal., for 22,000 ac. ft. per annum from Mill Creek, to be diverted in Sec. 23, T. 5N, R. 24W, for irrigation of 8500 acres in Rancho Ojal. Proposes dam 170' high, concrete construction. Est. cost, \$1,000,000.

App. No. 2906 (Tributary County), Edward J. Hostettes, Big Bar, Cal., for 3 cu. ft. per second from Sailor Creek,

to be diverted in Sec. 2, T. 35N, R. 12W., for mining purposes near point of diversion. Est. cost, \$2500.

App. No. 2907 (Sacramento County), Frank Tade et al., 303 Farmers Bank Bldg., Sacramento, Cal., for 10 cu. ft. per second from Snodgrass Slough, to be diverted in Sec. 18, T. 5N, R. 1E, for irrigation of 8100 acres near point of diversion. Est. cost, \$1000.

App. No. 2909 (Butte County), Herbert W. Whitte, Chico, Cal., for 20 cu. ft. per second from Butte Creek, to be diverted in Sec. 8, T. 21N, R. 2E, for irrigation of 1600 acres in T. 20N, R. 2E. Proposes dam 5 miles in length. Est. cost, \$2000.

App. No. 2910 (Plumas County), W. L. Lynch, Box 1079, Chico, Cal., for 50 cu. ft. per second and 20,000 ac. ft. per annum from Swamp Creek, to be diverted in Sec. 34, T. 24N, R. 5E, for power purposes.

App. No. 2911 (San Diego County), Fred and Lillian Faring, Boulevard, Cal., for 0.125 cu. ft. per second from Springs, to be diverted in Sec. 4, T. 18S, R. 7E, for irrigation of 19 ac. near point of diversion.

App. No. 2912 (Slaskly County), John Neffrony, % Collier & Collier, Attys., Yreka, Cal., for 75 cu. ft. per second from Woolley Creek, to be diverted in Sec. 2, T. 11N, R. 7E., for hydraulic mining.

App. No. 2913 (Stanislaus County), R. W. Gray, Riverbank, Cal., for 0.12 cu. ft. per second from Stanislaus River, to be diverted in Sec. 26, T. 28, R. 9E, for irrigation of 10 acres near point of diversion. Est. cost, \$1000.

App. No. 2914 (Napa County), George H. Hall, 15 L. Box 175, Napa, Cal., for 1 cu. ft. per second from Napa River, from river at junction of North line of said premises with river, for irrigation of 80 ac. near point of diversion.

App. No. 2915 (San Bernardino County), Temescal Water Co., % L. Sonderger, Central Bldg., Los Angeles, Cal., for 20,000 ac. ft. per annum from Santa Anna River, to be diverted in Sec. 22, T. 1N, R. 1W, for irrigation of 8000 acres located in Corona Colony, Riverside County., and domestic use in City of Corona. Proposes pipe line 60 miles in length. Amounting in said City Est. cost, \$200,000.

PERMITS

Following permits were granted during the month of May, 1922.

Permit No. 1067 (Humboldt County), Issued to Butte Meadows Company of Chico, Cal., for 1250 cu. ft. per second from Butte Creek in Sec. 28, T. 26N, R. 4E., for use for power purposes near point of diversion. Est. cost, \$1000.

Permit No. 1062 (El Dorado County), Issued to Geo. A. Newhall of Newhall Bldg. San Francisco, Cal., for 2 cu. ft. per second from Mokelumne River in Sec. 32, T. 11N, R. 17E., for use for power purposes near point of diversion. Est. cost, \$6000.

Permit No. 1063 (Plumas County), Issued to Pauline Clark, care Clayton St. San Francisco, Cal., for .013 cu. ft. per second from North branch of North Fork of Feather River in Sec. 5, T. 7N, R. 2E., for use for domestic purposes near point of diversion. Est. cost, \$1000.

Permit No. 1061 (Humboldt County), Issued to Frank M. Wilson of 308 Y. M. C. A. Oakland, Cal., for 75 cu. ft. per second from Camp and Wilder Creeks in Sec. 14, T. 11N, R. 5E., for use for mining purposes at Salstrom Mines. Est. cost, \$20,000.

Permit No. 1065 (Humboldt County), Issued to Frank M. Wilson of 308 Y. M. C. A. Oakland, Cal., for 4 cu. ft. per second from Camp and Wilder Creeks in Sec. 14, T. 11N, R. 5E., for use for power purposes to operate light generating plant and sawmill near point of diversion. Est. cost, \$2300.

Permit No. 1066 (Humboldt County), Issued to Frank M. Wilson of 308 Y. M. C. A. Oakland, Cal., for 3 cu. ft. per second from Camp and Wilder Creeks in Sec. 14, T. 11N, R. 5E., for use for power purposes to operate light generating plant and sawmill near point of diversion. Est. cost, \$2000.

Permit No. 1067 (Slaskly County), Issued to E. J. Curran of Sawyer's Bar, Cal., for 3 cu. ft. per second from Salmon River in Sec. 29, T. 40N, R. 11W, for use for mining purposes near point of diversion. Est. cost, \$2000.

Permit No. 1072 (Mono County), Issued to Hugh McDonald of Mono Lake, Cal., for 2 cu. ft. per second from Cottonwood Canyon Creek in Sec. 21, T. 3N, R. 27E., for use for irrigation of 160 ac. near point of diversion.

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
2638	Mills	Phoenix	2500
1699	Bories	Keenan	1000
1769	O'Leary	Props	2200
2701	Lexis	Schwarz	3800
2702	Nelson	Owner	5000
2703	Guiley	Owner	16000
2704	Idiart	Pene	1500
2705	Meakin	Billier	18000
2706	Finocchchio	Ferroni	11000
2707	Depew	Owner	3000
2708	Duggan	Owner	1200
2709	Illinois	Western	5800
2710	Carboni	Neish	2000
2711	Perri	Carlin	9135
2712	Penziner	Vannucci	27200
2713	Kitterman	Rednall	2000
2714	Hibernia	Brady	4000
2715	Jesich	Nielsen	2000
2716	Jonsane	Owner	2500
2717	Porsans	Tapio	2000
2718	Ver Mahr	Owner	12000
2719	Zeh	Boswall	1200
2720	Irwin	Owner	1700
2721	Ilyan	Ichters	2500
2722	Sellman	Owner	16000
2723	Kalisky	Coburn	18000
2724	Ricci	Moriconi	1200
2725	Sperly	Gibson	1000
2726	Arata	Ferroni	23000
2727	Haumann	Neish	3250
2728	Lindeman	Lindeman	1000
2729	Lindeman	Lindeman	1000
2730	Jacobs	Diestel	1000
2731	Moriconi	Owner	1000
2732	St. James	Owner	7000
2733	Independent	Monson	4500
2734	Johnson	Owner	7000
2735	Morgan	Wilson	1850
2736	Arras	Owner	8000
2737	Botnis	Owner	10000
2738	Monson	Owner	9000
2739	Kieczewski	Owner	1200
2740	Asplund	Johnson	12300
2741	R. C. Archbishop	Leonard	17500
2742	W. Lee	Peterson	10000
2743	Buchanan	Harder	8076
2744	Urban	Leonard	12000
2745	Cushner	Owner	2000
2746	Naybury	Owner	9000
2747	Binet	Owner	15000
2748	Binet	Owner	8000
2749	Kalisky	Coburn	18000
2750	Same	Turner	2750
2751	Same	Maunderl	1700
2752	Haas	Bradly	13400
2753	Homes	Moore	6961
2754	Mueller	Owner	4000
2755	Backman	Owner	2000
2756	Ahern	Mathies	1200
2757	Cavanaugh	Inglish	1500
2758	McDonough	Owner	10000
2759	Greutoun	Ellipps	2000
2760	Quinn	Owner	8000
2761	Farkside	Owner	1500
2762	Greenwald	Macdonald	4000
2763	Ming	Owner	19550
2764	Sullivan	Barrett	27500
2765	Dunn	Strand	7900
2766	Rodgers	McKenna	1193
2767	National	Barrett	3500

SIDEWALK LIGHTS

(2698) NE LUSH AND MONTGOMERY

Construct sidewalk lights.

Owner—Mills Bldg. Premises.

Architect—None.

Contractor—Phoenix Sidewalk Light

Co., 472 Monadnock Bldg., S. F.

\$2500

ADDITION

(2699) NO. 120 EUCLID AVE. Addition of bath and breakfast room to dwelling; painting, etc.

Owner—Rose Bories, 1st National Bk. Bldg., San Francisco.

Architect—None.

Contractor—H. C. Keenan, 300 Webster St., San Francisco.

\$1000

ALTERATIONS

(2700) S GROVE 125 E Cole. Move dwelling to another location; construct concrete foundations; flooring and general repairs.

Owner—D. J. O'Leary, 2067 Grove St., San Francisco.

Architect—None.

Contractor—W. Props, SW Hyde and Pine Sts., San Francisco.

\$2200

STORES

(2701) E LEAVENWORTH 100 S Eddy One-story brick stores.

Owner—M. Lewis, 306 Sacramento St., San Francisco.

Architect—Chas. Schwarz, 1440-A Hyde St., San Francisco.

Contractor—Chas. Schwarz, 1440-A Hyde St., San Francisco.

\$3836

DWELLING

(2702) W MADRONE 40 S Ulloa. Two-story and basement frame dwelling.

Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F.

Architect—None.

Day's work.

\$5000

FLATS

(2703) W NINETEENTH AVE 250 and 276 N. California. Two two-story and basement frame flats (2 in each building).

Owner—E. Guiley, 131 5th Ave., S. F.

Architect—None.

Day's work.

\$8000 each

ALTERATIONS

(2704) NO. 1230 PGWELL. Change store front; composition flooring, etc., for restaurant.

Owner—Graciosa Idiart, 1407 Powell St., San Francisco.

Architect—None.

Contractor—G. Pene, 1655 Mason St., San Francisco.

\$1500

SHOP

(2705) SW FOLSOM & FOURTEENTH One and two-story reinforced concrete shop.

Owner—E. T. Meakin, 409 6th St., San Francisco.

Architect—Powers & Ahnden, 460 Montgomery St., San Francisco.

Contractor—John Billier, 460 Montgomery St., S. F.

\$18,000

FLATS

(2706) E FRANKLIN 40 S Francisco. Two-story and basement frame (3) flats.

Owner—A. Finocchchio.

Architect—Italo Zanolini, 604 Montgomery St., San Francisco.

Contractor—G. Ferroni & Sons.

\$11,000

DWELLING

(2707) W FAXON AVE 325 S De Montford. One-story and basement frame dwelling.

Owner—Wm. H. Depew, 3710 Sacramento St., San Francisco.

Architect—None.

Day's work.

\$3000

ALTERATIONS

(2708) SW FOURTH AVE AND CORNWALL. Re-arrange one 7-room flat for 2 4-room apartments.

Owner—J. Duggan, 834 Elizabeth St., San Francisco.

Architect—None.

Day's work.

\$1200

TANK

(2709) NE FIFTEENTH AND FOLSOM Erect steel tank.

Owner—Illinois Pacific Glass Co., Prem Architect—None.

Contractor—Western Pipe & Steel Co., 444 Market St., S. F.

\$5800

ALTERATIONS

(2710) N LELAND AVE 125 W Alpha. Construct concrete foundation and make general alterations to flat.

Owner—A. Carboni, 325 Kearny St., San Francisco.

Architect—None.

Contractor—Jas. G. Neish, 27 Sunnydale Ave., San Francisco.

\$2000

EXCAVATION

(2711) NW BATTERY AND VALLEJO 137-6x137-6. Excavation for basement, etc., for three-story concrete building.

Owner—Petri Italian American Cigar Co., Inc., 419 Jackson St., S. F.

Supt.—Del Favero and Rasori, 2042 Taylor St., San Francisco.

Contractor—The Carlin Grading Co., 180 Jessie St., San Francisco.

Filed July 7, '22. Dated July 6, '22.

On 10th of each month..... 75%

Usual 35 days..... 25%

Bond, \$1567. Surety, Fidelity & Deposit Co. of Maryland. Limit, 30 days after July 10. Forfeit, none. Plans and specifications filed.

APARTMENTS

(2712) SE BUSH & TAYLOR E 87-6 S 137-6 W 25 N 57-6 W 62-6 N 80. Concrete and cement work for six-story and basement concrete building (apartments).

Owner—A. Penziner, 1032 Balboa St., San Francisco.

Architect—E. H. Denke, 1317 Hyde St., San Francisco.

Engineers—Pierre Zucco & Co., 166 Geary St., San Francisco

Contractor—L. Vannucci Bros., 16th and Church Sts., San Francisco.

Filed July 7, '22. Dated July 6, '22.

Reinforced concrete floor in..... \$4080

2nd floor joists set..... 4080

5th floor joists set..... 4080

Fire walls up..... 4080

Completed and accepted..... 4080

Usual 35 days..... 6800

Contractor agrees to accept deed of trust on property at No. 651

33rd Ave. for \$2500, as part payment.

TOTAL COST, \$27,200

Bond, \$14,000. Surety, Indemnity Insurance Co. of North America. Limit,

95 days. Forfeit, \$10. Bonus, \$10.

Plans and specifications filed.

ALTERATIONS

(2713) N FILBERT — W Baker; No. 2342 Filbert. Raise dwelling 5 ft.

6 in. and alter for basement garage; concrete floor and other minor repairs.

Owner—J. F. Kitterman, Premises.

Architect—None.

Contractor—W. W. Rednall, 2500 Filbert St., San Francisco.

\$2000

ALTERATIONS

(2714) N McALLISTER 137-6 W Jones. Underpin area walls with brick 22-in. thick.
Owner—Hibernia Savings & Loan Society, Premises.
Architect—None.
Contractor—Matt V. Brady, Monadnock Bldg. San Francisco. \$4000

ALTERATIONS

(2715) TWENTY-FIFTH & LUCKY. Raise dwelling 3 feet and make addition of one story for flat.
Owner—G. Josch, 1710 25th St. S. E. Architect—None.
Contractor—T. & J. Nielsen Bros., 2350 Bryant St. S. F. \$2000

DWELLING

(2716) N CUMBERLAND 180 E NOE. Two-story and basement frame dwelling.
Owner—Otto K. Jonsane, 379 Noe St. San Francisco.
Architect—None.
Day's work. \$2500

DWELLING

(2717) N DAY 182-5 E CHURCH. One-story and basement frame dwelling.
Owner—Edward Formans, 948 Leavenworth St.
Architect—Plans by owner.
Contractor—Andrew Tapp, 346A Prospect Ave. \$2000

FLATS

(2718) N GREEN 137-6 E SCOTT. Two-story and basement frame (2) flats.
Owner—R. H. Ver Mehr, 2801 Jackson St., San Francisco.
Architect—Warren Chas. Perry, 250 California St., San Francisco.
Day's work. \$12,000

REPAIRS

(2719) 3878 JACKSON ST. Repair fire damage to residence; tar and gravel roof.
Owner—Louis Zeh, 3878 Jackson St., San Francisco.
Architect—None.
Contractor—W. C. Boswall, 2764 McAllister St., San Francisco. \$1200

ALTERATIONS

(2720) 155 NINTH AVE. General alterations and repairs for two flats.
Owner—N. A. Irwin, 155 9th Ave., San Francisco.
Architect—None.
Day's work. \$1700

DWELLING

(2721) W THIRTY-SEVENTH AVE 200 N Cabrillo. Two-story frame dwelling.
Owner—T. J. Ryan.
Architect—A. W. Richardson, 2581 Mission St., San Francisco.
Contractor—Emil Ichters. \$2500

APARTMENTS

(2722) NW TWENTY-SIXTH AVE and Lake St. Three-story and basement frame (6) apartments.
Owner—Soliman & Anderson, 2152 Market St., San Francisco.
Architect—None.
Day's work. \$16,000

FLATS

(2723) N JACKSON 115-6 E Broderick. Two-story and basement frame (2) flats.
Owner—H. Kallisky, 310 California St., San Francisco.
Architect—T. Paterson Ross, 310 California St., San Francisco.
Contractor—Ira W. Coburn, Hearst Bldg., San Francisco. \$18,000

ALTERATIONS

(2724) 120-122 CLEMENT ST. General alterations and changes for store and flats.
Owner—G. Rice, 120 Clement St., San Francisco.
Architect—None.
Contractor—G. Morisconi, 2200 Larkin St., San Francisco. \$1200

DWELLING

(2725) W EIGHTEENTH AVE 200 N Ortega. One-story and basement frame dwelling.
Owner—A. Sperry, 18th Ave and Ortega St., San Francisco.
Architect—Geo. Nixon, 55 5th St., San Francisco.
Contractor—R. N. Gibson, 154 Ellis St., San Francisco. \$4000

APARTMENTS

(2726) N UNION 247-6 W Steiner N 137-6 W 27-6. Grading, concrete, carpenter, mill, lathing and plastering for a three-story frame apartment buildings.
Owner—Jos. C. and Ellen Arata, 3101 Buchanan St., San Francisco.
Architect—None.
Contractor—G. Ferroni & Sons, 1926 Filbert St., San Francisco.
Filed July 10, 1922. Dated July 8, 1922.
Frame up \$5750
Brown coated 5750
Completed and accepted 5750
Usual 35 days 5750
TOTAL COST, \$23,000
Bond, \$11,500. Sureties, Fidelity & Deposit Co. of Maryland. Forfeit, none. Limit, 100 days. Plans and specifications filed.

RESIDENCE

(2727) SW GIRARD 50 SE Harkness SE 25xSW 120, Portion Lot 2, Blk 34 Paul Pet lld. All work for a one-story and basement frame residence.
Owner—George H. and Laura Baumann, 150 Tucker Ave., San Francisco.
Architect—E. A. Hermann, 89 Broadway, San Francisco.
Contractor—Jas. G. Neish, 627 Sunnydale Ave., San Francisco.
Filed July 10, 1922. Dated July 10, 1922.
Frame up and rafters on \$550
Plumbing roughed in and ready for lathing 550
Plastering done and interior primed 693
Completed and accepted 694
Usual 35 days 813
TOTAL COST, \$3250
Bond, none. Sureties, none. Forfeit, none. Limit, 75 days. Specifications filed.

BUNGALOW

(2728) E ELEVENTH AVE 227 N Cabrillo—23x E 120. All work for a one-story bungalow.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 530 Balboa St., San Francisco.
Filed July 10, 1922. Dated June 28, 1922.
Frame up and enclosed \$1000
Rough plastered 1000
Completed and accepted 1000
Usual 35 days 1000
TOTAL COST, \$4000
Bond, none. Sureties, none. Forfeit, \$3 day. Limit, 90 days. Plans and specifications filed.

BUNGALOW

(2729) W TWENTY-FOURTH AVE 159-8 S Anza S 25 W 120. All work for a one-story bungalow.
Owner—H. A. Lindeman, 617 27th Ave., San Francisco.
Architect—None.

Contractor W. R. Lindeman, 530 Balboa St., San Francisco.
Filed July 10, 1922. Dated June 26, 1922.
Frame up and enclosed \$1000
Rough plastered 1000
Completed and accepted 1000
Usual 35 days 1000
TOTAL COST, \$4000
Bond, none. Sureties, none. Forfeit, \$3 day. Limit, 90 days. Plans and specifications filed.

REPAIRS

(2730) NO 141-451 BAY. Repair fire damage to storeroom.
Owner—A. P. Jacobs, 248 Russ Bldg., San Francisco.
Architect—None.
Contractor—John Diestel, 248 Russ Bldg., San Francisco. \$1000

DWELLING

(2731) E EDINBURGH 275 N Italy. One-story and basement frame dwelling.
Owner—Ben Moreton, 768 Edinburgh St., San Francisco.
Architect—None.
Day's work. \$1000

CHURCH

(2732) LELAND AVE. opp Cora Ave. Two-story and basement frame church.
Owner—St. James Presbyterian Church, 249 Leland Ave., San Francisco.
Architect—Miss Julia Morgan, Merchants' Exchange Bldg., S. F.
Day's work. \$7000

REPAIRS

(2733) E POTRERO AVE 150 S 15th. Repair fire damage; concrete, brick and galvanized iron work for oil station.
Owner—Independent Oil Co., 225 Potrero Ave., San Francisco.
Architect—None.
Contractor—Monson Bros., 251 Kearny St., San Francisco. \$4500

FRAME FLATS

(2734) W TWENTY-SIXTH AVE 175 N California. Two-story and basement frame (2) flats.
Owner—J. Johnson, 793 16th Ave., San Francisco.
Architect—None.
Day's work. \$7000

ALTERATIONS

(2735) NO. 2241 FIFTEENTH ST. Concrete foundation, floor and steps for dwelling; alter for basement garage.
Owner—Mrs. W. M. Morgan, 2241 15th St., San Francisco.
Architect—None.
Contractor—V. Wilson, 246 Waller St., San Francisco. \$1850

GARAGE

(2736) N GEARY 30 W Third Ave. One-story and mezzanine floor reinforced concrete public garage.
Owner—Adam Arras, 180 Jessie St., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Day's work. \$8000

LOFT BLDG.

(2737) N HOWARD 325 E Second. Three-story and basement reinforced concrete loft building.
Owner—Bothin Real Estate Co., 26 Montgomery St., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Day's work. \$10,000

FRAME FLATS

(2738) SW CARRILLO AND SIXTH AVE. Two-story and basement frame (4) flats.
Owner—F. Monson, 1972 16th St., San Francisco.
Architect—None.
Day's work. \$9000

ALTERATIONS

(2749) NO. 1774-76 ELLIS. Excavate basement; concrete floor with brick walls.
Owner—S. Kleczewski, 223 Moraga St., San Francisco.
Architect—None.
Day's work \$1200

FRAME FLATS

(2740) E FIFTH AVE 126 S Parnassus Ave S 25x120. All work for two-story frame (2) flats.
Owner—Augusta A. Asplund, 1318 4th Ave., San Francisco.
Architect—None.
Contractor—Nels F. Johnson, 1934 Folsom St., San Francisco.
Filed July 11, '22. Dated July 10, '22.
Frame up \$3075
Brown coated 3075
Completed and accepted 3075
Usual 35 days 3075
TOTAL COST, 12,300
Bond, none. Limit, 120 days after July 17. Forfeit, none. Plans and specifications filed.

CLASS C BLDG.

(2741) BLK BDED BY AMAZON AVE. Italy, Vienna and Naples. All work for two-story reinforced concrete Class C building.
Owner—The Roman Catholic Archbishop of San Francisco, 1109 Franklin St., San Francisco.
Architect—None.
Contractor—John J. Leonard, 180 Jessie St., San Francisco.
Filed July 11, '22. Dated July 10, '22.
On list of each month 75%
Usual 35 days, 25% \$4375
COST plus 10%. TOTAL COST not to exceed \$17,500.
Bond, \$8750. Sureties, Chas. H. Nelson and W. A. Macdonald. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME BLDG

(2742) E NINETEENTH AVE 200 N Clement 25x120. All work for two-story frame building.
Owner—Gertrude M. Welcer, 547 19th Ave., San Francisco.
Plans by Contractor.
Contractor—A. Peterson, 330 Moraga St., San Francisco.
Filed July 11, '22. Dated July 11, '22.
Frame up \$—
Plastered —
Completed and accepted —
Usual 35 days —
TOTAL COST, \$10,000
Bond, none. Limit, 90 days after Nov. 1, 1922. Forfeit, none. Plans and specifications filed.

FRAME FLATS

(2743) SE CHESTNUT AND FRANKLIN. Two-story and basement frame (2) flats and store.
Owner—Giovanni Buchenani, 622 Washington St., San Francisco.
Architect—Albert Forta, 622 Washington St., San Francisco.
Contractor—John Harder, 870 39th Ave., San Francisco. \$3076

DWELLINGS

(2744) W DE SOTO 200, 250 and 300 S Urbano Drive. Three one-story and basement frame dwellings.
Owner—Urban Realty Improvement Co., 39 Montgomery St., San Francisco.
Architect—H. K. Lovell, 85 Cerrotes Ave., San Francisco.
Contractor—Leonard & Holt, 39 Montgomery St., S. F. \$4000 each

ALTERATIONS

(2745) NO. 780-784 FOLSOM St. Rearrange office space; concrete flooring and install elevator.
Owner—Julia M. Cusaiser, 30 Monte Vista Ave., Oakland
Architect—None.
Day's work. \$2000

DWELLINGS

(2746) E MISSION 150, 175 and 200 N France. Three one-story and basement frame dwellings.
Owner—J. Narbebury, 4480 Mission St., San Francisco.
Architect—None.
Day's work. \$3000 each

FRAME FLATS

(2747) S PARNASSUS AVE 25, 50 and 75 W Shrader. Three two-story and basement frame (2 in each building) flats.
Owner—John J. Binet, 336 Church St., San Francisco.
Architect—None.
Day's work. \$5000 each

FRAME FLATS

(2748) SW PARNASSUS AVE AND Shrader. Two-story and basement frame (4) flats.
Owner—John J. Binet, 336 Church St., San Francisco.
Architect—None.
Day's work. \$8000

FRAME BLDG.

(2749) N JACKSON 116-6 E Broderick N 127-8½x E 31-10 4/5. All work except painting and plumbing for two-story and basement frame building.
Owner—H. Kalisky, 310 California St., San Francisco.
Architect—P. Paterson Ross, 210 California St., San Francisco.
Contractor—Ira W. Coburn, Hearst Bldg., San Francisco.
Filed July 12, '22. Dated July 10, '22.
2nd story joists in place \$3400
Interior lathing done 3400
Standing finish on 3400
Completed and accepted 3300
Usual 35 days 4500
TOTAL COST, \$13,000
Bond, \$2000. Sureties, C. E. Gordon and Chas. Sartorio. Limit, 100 days. Forfeit, \$10. Plans and specifications filed.

(2750) SEWERING PLUMBING, ETC.

on above.
Contractor—The Turner Co., 218 Natoma St., San Francisco.
Filed July 12, '22. Dated July 10, '22.
Roughing in done \$1000
Completed and accepted 1050
Usual 35 days 700
TOTAL COST, \$2750
Bond, none. Limit, 100 days. Forfeit, \$10. Plans and specifications filed.

(2751) PAINTING ON ABOVE.

Contractor—H. Maundrell & Co., 320 Hayes St., San Francisco.
Filed July 12, '22. Dated July 10, '22.
2nd coat on interior \$600
Completed and accepted 675
Usual 35 days 425
TOTAL COST, \$1700
Bond, none. Limit, 100 days. Forfeit, \$10. Plans and specifications filed.

PLASTERING, ETC.

(2752) N MARKET 243-4½ Mason 25 on Market and 31 on Turk, No. 974 Market. Metal furring, partitions, metal lathing, plastering, etc. for first and second stories of building.
Owner—Geo. Haas & Sons, Phelan Bldg., San Francisco.
Architect—Chas. E. Gottschalk, Phelan Bldg., San Francisco.
Contractor—Peter Bradley, 180 Jessie St., San Francisco.
Filed July 12, 1922. Dated July 6, 1922.
Payments on first of each month 75%
Usual 35 days 25%
TOTAL COST, \$13,400
Bond, none. Sureties, none. Forfeit, none. Limit, 40 days. Plans and specifications filed.

RESIDENCE

(2753) S YERBA BUENA AVE East of Santa Paula Ave. All work for two-story frame residence.

Owner—Homes Loan Corporation, 278 Post St., San Francisco.
Architect—Chas. F. Masten and Lester W. Hurd, 168 Sutter St., San Francisco.

Contractor—Moore & Madson, 77 O'Farrell St., San Francisco.
Filed July 12, 1922. Dated July 10, 1922
Payments on 6th of ea. month 75%
Usual 35 days TOTAL COST, \$6911

Bond, \$3480.50. Sureties, New Amsterdam Casualty Co. Forfeit, \$5 day. Limit, 100 days. Plans and specifications filed.

DWELLINGS

(2754) W CRESCENT AVE 3½ and 5½ W Andover. Two one-story and basement frame dwellings.
Owner—Mrs. Mueller, 386-8 Crescent Ave., San Francisco.
Architect—None.
Day's work. \$2900 each

DWELLING

(2755) N HEARST AVE 150 W Genesee. One-story and basement frame dwelling.
Owner—Backman Bros., 537 Chenery St., San Francisco.
Architect—None.
Day's work. \$2000

FOUNDATIONS, ETC.

(2756) E MASONIC AVE 90 N Waller. Construct foundations and underpin (2) flats.
Owner—Mrs. N. and Miss G. Ahern, 1240 Waller St., San Francisco.
Architect—Lewis M. Gardner, 942 Pine St., San Francisco.
Contractor—Matthies & Gale, 180 Jessie St., San Francisco. \$1200

DWELLING

(2757) NO. 591 NOE (rear of lot). One-story frame dwelling.
Owner—Thos. F. Cavanaugh, 3307 Mission St., San Francisco.
Architect—None.
Contractor—A. R. Inglis, 2248 Fillmore St., San Francisco. \$1500

FRAME FLATS

(2758) NE NINTH AVE AND FULTON St. Two-story and basement frame (4) flats.
Owner—M. McDonough, 22 Fairmount St., San Francisco.
Architect—None.
Day's work. \$10,000

ALTERATIONS

(2759) NO. 456 PACIFIC. Remove mezzanine floor in lofts; cement floor in first story.
Owner—C. Groutono.
Architect—None.
Contractor—V. Fillippis, 1527 Powell St., San Francisco. \$2000

DWELLINGS

(2760) W THIRTY-NINTH AVE 190 and 250 S Clement. Two one-story and basement frame dwellings.
Owner—A. and B. Quinn, 3666 17th St., San Francisco.
Architect—Ida F. McCain, 318 Kearny St., San Francisco.
Contractor—A. & B. Quinn, 3666 17th St., San Francisco. \$4000 each

DWELLINGS

(2761) E TWENTY-SECOND AVE 132-4, 166-8 and 200 N Ulloa. Three one-story and basement frame dwellings.
Owner—Parkside Realty Co., 617 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Day's work. \$5000 each

REPAIRS

(2762) NE VAN NESS AVE. & CLAY. Repair fire damage to auto accessory store.
Owner—Greenwald Co., 310 Sanome St., San Francisco.

Architect—None.
Contractor—Macdonald & Kahn, 130 Montgomery St., S. F. \$4000

APARTMENTS

(2763) E BECKETT 70 N Jackson. Three-story and basement concrete (12) apartments.
Owner—Quinn Mink, NE Pacific and Grant Ave., San Francisco.
Architect—P. F. De Martini, 916 Broadway, San Francisco.
Day's work. \$19,550

STORES & LOFTS

(2764) S ELLIS 50 E Taylor. Two-story concrete stores and lofts.
Owner—Walter H. Sullivan, Alexander Bldg., San Francisco.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. \$27,500

ALTERATIONS

(2765) S CALIFORNIA 95 W 28th Ave. W 25x5 100. All work for alterations and additions to two-story frame building.
Owner—Carrie V. and Henry S. Dunn, Architect—None.
Contractor—T. B. & T. J. Strand, 614 Broderick St., San Francisco.
Filed July 13, '22. Dated June 10, '22. Frame up and roof on. \$1975
Building plastered. 1975
Completed. 1975
Usual 35 days. Balance
TOTAL COST, \$7900
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

REPAIRS

(2766) SE HAIGHT AND MASONIC Ave 87-6 on Haight by 50. Roof work and new front for repairs to buildings.
Owner—Lee O. Rodgers, Palo Alto, Cal.
Architect—C. S. McNally, 23 Woodland Ave., San Francisco.
Contractor—P. J. McKenna and Edwin Brashers, 484 Frederick St., San Francisco.
Filed July 13, '22. Dated July 10, '22. Completed and accepted. \$898.75
Usual 35 days. 299.25
TOTAL COST, \$1198.00
Bond, \$600. Surety, National Surety Co. Limit, 20 days. Forfeit, plans and specifications, none.
NOTE—Permit applied for today.

BUILDING

(2767) S GUERRERO 240 S Fifteenth St. 8-31-6xW 134-6. All work except plumbing for one-story building.
Owner—National Ice Cream Co., 371 Guerrero St., San Francisco.
Architect—Wm. Mooser, Nevada Bank Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed July 13, '22. Dated July 6, '22. On 1st of each month. 75%
Usual 35 days. 25%
TOTAL COST, \$9500
Bond, \$5000. Sureties, Albert Lachman and Lloyd H. Patterson. Limit, 70 days. Forfeit, \$10. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
July 12, 1922—N KIRKHAM 125 W Ninth Ave. Fred Fiske to whom it may concern. July 12, 1922
July 12, 1922—W MATEO & LAIDLAY NW 25x5W 75 Ptn Blk 5, Mission and 30th Sts Hd. Union. Victor Holmgren to whom it may concern. July 12, 1922
July 13, 1922—SW EIGHTH AND Natoma 75x150. The Francis Valentine Co to Adam Arras Co. July 1, 1922

July 13, 1922—W SIXTEENTH AVE 256 S Balboa 31-3x120. Tony Damico to F C Amaroso. July 12, 1922
July 13, 1922—NO. 2350 CALIFORNIA J A Sterns to whom it may concern. July 12, 1922
July 13, 1922—E TWENTY-FOURTH AVE 225 N Clement N 25x120. Mary Hubanks to Arthur M Hardy. July 1, 1922
July 13, 1922—N DOLORES 52 N 22nd N 26xW 125. A L Arato to Cos. telli Bros. July 13, 1922
July 12, 1922—E NINETEENTH AVE 175 S Cabrillo N 25x120; E 19th Ave 225 S Cabrillo N 25x120; E 19th Ave 200 S Cabrillo N 25x120. Bryant Feick to whom it may concern. July 11, 1922
July 12, 1922—N ST. MARY'S AVE 100 W Mission 25x86. John E Olsen to whom it may concern. July 12, 1922
July 12, 1922—SW TAYLOR AND Golden Gate Ave 137-6 on Taylor by 192-6. W S Diwiddie, as Contractor for Junior Orpheum of San Francisco to Vermont Marble Co.; Michel & Pfeiffer Iron Wks, Frank M Phillips, American Marble & Mosaic Co and Oakland Planing Mills. July 6, 1922
July 12, 1922—S GEARY 82-6 E 18th Ave E 56xS 100. Jas H Dignall to S Montana. July 10, 1922
July 12, 1922—LOT 17 BLK 16, St. Francis Wood Extn 2. Homes Loan Corp to W J and H C Mangels (as Mangels Bros.). July 10, 1922
July 12, 1922—E VAN NESS AVE 47-6 S Broadway 45x100. Richard H and Lillian L Trener to whom it may concern. July 12, 1922
July 11, 1922—S GEARY 82-6 E 18th Ave E 56x100. Thos. Hamill to whom it may concern. July 10, 1922
July 11, 1922—N FRANCISCO O 87-6 E Gough E 25xN 100. Austin and Marie A Fitzpatrick to Thos Hamill. July 10, 1922
July 11, 1922—E NINETEENTH AVE 100 S Cabrillo 25x120. John Lutich and Jno Franusich to whom it may concern. July 10, 1922
July 11, 1922—E LOMBARD 182-8 S Octavia S 60x E 50. P. Micheletti to V. Filippis. July 8, 1922
July 11, 1922—NW OAK AND SCOTT N 127-6xW 137-6. Percy D. Tyler to whom it may concern. July 11, '22
July 11, 1922—S CLAY 100 E POLK E 38-10x127-8 1/4. Hannah Israel to Kinnannon & Perego. July 5, 1922
July 11, 1922—W MISSION 25 N Park N 75xW 125. Alfreda A. Hanchett, wife Floyd W., to Monson Bros. July 10, 1922
July 11, 1922—E FRANKLIN 87-6 N Lombard E 87-6 xN 25. Est P. Micheletti to N Filippis. July 8, 1922
July 10, 1922—S DEVIDADERO 113 S Sutter S 50 x W 86-3 Herman and Martha E. Rosskamp to Munster & Bornholdt. July 7, 1922
July 10, 1922—W FIFTEENTH AVE 100 N Fulton N 25xW 120. Nellie Hunt to Emil Nelson. July 7, 1922
July 10, 1922—S HOWARD 150 W 4th Ave W 50xS 155. Louis R. Lurie to Vukicovich & Bagge. July 10, 1922
July 10, 1922—SE LAKE AND THIRD Ave. Mary A. Robert to whom it may concern. July 10, 1922
July 8, 1922—NE GOLDEN GATE AV and Taylor E along N Golden Gate Ave 29-4 1/2 to Intersection of N Golden Gate Ave, with NW Market NE along Market 152-1 1/2 NW 107-6 to Intersection with line parallel to E Taylor and dist E 90 N parallel with E Taylor 11-4 1/2 m or 1 1/2 to Intersection with line E from E Golden Gate Ave W 90 to E Taylor S along E Taylor 187-6 to N Golden Gate Ave and pt of beg. Lou S Friedlander, Joseph A Donohoe and Mary Emilie Parrott, as successors in int. of Mary

E E Barton and to Jos A Donohoe and Mary Emilie Parrott to whom it may concern. July 7, 1922
July 8, 1922—W THIRTY-FOURTH AVE 225 S Geary 25 on 34th Ave. 120 W 25 N 120 to beg. Frank Carter to G W Wolan. June 27, 1922
July 8, 1922—NW PINE & MONTGOMERY N 125xW 138-6. Commercial Union Assurance Co and The California Insurance Co to Elevator Supplies Co, Inc. June 29, 1922
July 8, 1922—W HOWARD 185 S Nineteenth 31-6x121. Frank Roth to Costello Bros. June 26, 1922
July 8, 1922—BLOCK BDED BY Lyon, Baker, Hayes and Fell (X-Ray Bldg.) Southern Pacific Co to George A Bos. July 1, 1922
July 7, 1922—W DOLORES 33 S Army W 50xN 23. James H Doran to whom it may concern. June 20, 1922
July 7, 1922—N FULTON 82-6 E 19th Ave. Olga C Engmann to Fred Molter. July 6, 1922
July 7, 1922—W TWENTY-FOURTH AVE 225 N Geary. E P O'Brien to Meyer Bros. July 7, 1922
July 7, 1922—LOT 16 BLK 32, Forest Hill Extension. Clinton F Parker to whom it may concern. July 5, 1922
July 6, 1922—S CALIFORNIA 62-6 E Twenty-first Ave. L. 25xS 100. August Macpherson and Adrian Peterson to whom it may concern. July 6, 1922
July 7, 1922—SW CLEMENT AND Twenty-second Ave W 42xS 75. Oliver Michelson to whom it may concern. July 6, 1922
July 7, 1922—W FORTY-FIRST AVE 275 N Cabrillo N 25xW 120. Chas H Beckman to whom it may concern. July 7, 1922
July 7, 1922—W FORTY-FIRST AVE 275 S Cabrillo N 25xW 120. Chas H Beckman to whom it may concern. July 7, 1922
July 7, 1922—NW GENEVA AND Madrid Harry Moran to Duke Ormsky. May 1, 1922
July 7, 1922—E LAKEIN 87-6 N McAllister N 50x E 87-6. Sol Hersko to whom it may concern. July 7, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
July 13, 1922—N ST. ROSES 85 W Masonic Ave W 25xN 100. M Stulsaft Co vs Rasmers Alberson. \$255.10	
July 13, 1922—S RUTLEDGE 155 E Alabama E 25xS 75. City Constr Co vs R S and R H Buck. \$204.55	
July 12, 1922—COM. AT PT S 32 S Tarnassus Ave and dist E 225 from E Cole S 25 E 101-4 1/2 N 25 m or 1 W 101-5 1/2. The Greater City Lumber Co vs Dorothy and Gustav Berger. \$1452.40	
July 12, 1922—LOT 3 BLK 3112 Westwood Park. United Materials Co vs Mary L Bean and Clarence B Bean. \$41.25	
July 10, 1922—N SUTTER 24 E Baker E 23-6 m or 1 xN 57-6, No. 2592 Sutter. Herman Flint vs Donald and Jennie C McLean. \$27.75	
July 10, 1922—N UNION 176-7 W Polk W 25xN 137-6. Friedman Bros vs Minna Neller, Louis C and Adeline C. Buck, George M. Merritt. \$34.00	
July 10, 1922—SW CHURCH and 24th S 8xW 75. Friedman Bros. vs. Frank Hoffman and Geo. M. Merritt. \$472.00	
July 10, 1922—E LUTHER 25 E 101-4 1/2 W Sanchez W 24xS 100. Friedman Bros. vs. Mary P. Vivian, George M. Merritt. \$13.50	
July 10, 1922—E ELGIN PARK 75 N Duboce Ave N 25x E 75. Friedman Bros. vs. Matilda Bauer and George M. Merritt. \$38.00	

July 10, 1922—S GEARY 82-6 W 2nd Ave W 25x S 100. Friedman Bros. vs. Samuel and Ellen Lind, George M. Merritt \$100.00

July 10, 1922—473 WALLER on So side Waller 106-3 E Steiner. John Barrett vs. Fred W. Mack \$568.50

July 7, 1922—WSAN JOSE AVE 167-9 S Twenty-fourth S 55-6xW 188 Bay City Floor Co vs Abraham and Fannie A Alpert and Geo. M Merritt \$395.75

July 7, 1922—SW SUTTER & LYON W 20x8 87-6. Chas B Tidball vs Catherine Kashow \$24.02

July 7, 1922—N PALMETTO AVE 190 W Capitol Ave W 100xN 125. Guy L Wayne as (Wayne Millwork & Lumber Co) vs Olaf Olson and Andrea Russo \$135.05

July 7, 1922—E MILAMAR AVE 200 S Grattan Ave S 25x E 100. Guy L Wayne (as Wayne Millwork & Lumber Co) vs Olaf Olson and Chas Heyneman \$45.43

RELEASE OF LIENS

SAN FRANCISCO COUNTY

July 10, 1922—N CARRILLO 50 W 2nd Ave. W 40 x N 100. Chiball McKenzie, \$61.20; Theodore Malcom, \$51; Claud G. Pulliam, \$53; Wm Martin, \$61.20; vs. Henry F. and Florence Krauskopf.

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

July 11, 1922—E POLSON and Harriet, NE 60 x SE 125. M. Fisher Co. with regard to improvements thereon.

July 5, 1922—E CHURCH 61-83 S Market. M E Wilhelmia Beersman as to improvements on property

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
2992	Caherly	Brennan	3000
2993	Stephens	Conner	1500
2994	Berkeley	Owner	2500
2995	Fox	Wilson	8000
2996	Jensen	Owner	3000
2997	Walz	Fittner	1600
2998	Cortage	Cortage	1700
2999	Weiner	Diggs	7000
3000	Moore	Owner	3000
3001	Bassano	Blood	1919
3002	Walker	Johnson	1850
3003	Vickery	Owner	2500
3004	Holbert	Owner	3000
3005	Ward	Rollins	2000
3006	Cole	Owner	4500
3007	Hammond	Catucci	1400
3008	Home Club	Stallard	600
3009	Case	Morris	7000
3010	Meyer	Owner	5000
3011	de Grassi	MacGregor	5200
3012	Hodes	MacGregor	3100
3013	Keefe	Loughery	10678
3014	McDonald	Owner	2000
3015	Gier	Stolte	6000
3016	Loeke	Valleroy	2800
3017	Reeves	Ward	1800
3018	Durant	Walker	6300
3019	Stanzard	Owner	4000
3020	Oakland	Williams	11520
3021	Baggot	Nerace	1250
3022	Nelson	Owner	2500
3023	Hillside	Pinkerton	3000
3024	Weston	Owner	3800
3025	Walsh	Owner	2000
3026	Allison	Allison	2000
3027	Parr	Owner	4000
3028	Berkeley	Nelson	10650
3029	Van Kirk	Nickell	10000
3030	Barrett	Rebering	3000

3031	Pfrang	Owner	5500
3032	Ghirardelli	Allen	10000
3033	Beldon	Owner	4000
3034	Fahl	Owner	3000
3035	Broekhagen	Chambers	5000
3036	Rock	Blackman	3000
3037	Johnson	Winthers	2000
3038	Catching	Johnson	3000
3039	Hinch	Owner	3000
3040	Brett	Owner	4250
3041	Halser	Owner	6000
3042	Muller	Doyle	4600
3043	Parker	Chambers	5000
3044	Allegrette	Vaughn	1280
3045	August	Hart	6200
3046	Gray	Sommarrstom	48000
3047	Federal	Lawton	10000
3048	Christian	Walters	23500
3049	Associated	Schuetz	5475
3050	Tuttle	Doyle	5000
3051	Pearse	Owner	2200
3052	Clark	Crane	5000
3053	Oliveri	Townsend	2906
3054	Chamberlain	Burks	3800
3055	Hoover	Knight	19000
3056	Thompson	Squires	1500
3057	Nelson	Hughes	1473
3058	Hewitt	Hewitt	2000
3059	Amos	Owner	2000
3060	Attcherry	Owner	3000
3061	Clark	Owner	2000
3062	O'Neill	Anderson	2500
3063	Kendall	Greuner	1200
3064	Miller	Daubert	3500
3065	Rogers	Morse	6500
3066	Fasio	Valente	3000
3067	Hennessy	Morris	5000
3068	Eachen	McIntosh	7720
3069	Plaa	Jordan	5000
3070	Knox	Kopf	4085
3071	Berkeley	Hopper	8000
3072	Chamberlain	Stockholm	20000
3073	Chi Phi	Carson	1000
3074	Futafu	Owner	3500
3075	Marshall	Barritt	7430
3076	Ngale	Henas	2750
3077	Lytle	Neikirk	3000
3078	Mathews	Smith	3000
3079	Price	Pond	3950
3080	Soroni	Ahnfeld	3250
3081	Cox	Pitkanen	1000
3082	Gonsalve	Valleroy	2550
3083	Proty	Healy	2630
3084	Kile	Kepple	3850
3085	Arfsten	Owner	2500
3086	Malmquist	Maurice	33000
3087	City of Okd	Mervy	2428
3088	Okd Pk Svcs	Lloyd	4000
3089	Sigma Pi Frat	Silva	3000
3090	Cerruti	Adams	1255
3091	Couro	Owner	3500
3092	Silva	Willford	3800
3093	Hinker	Hillen	19200
3094	Mott	Cushman	2700
3095	Furretti	Esam	1500
3096	Lorng	Owner	11000
3097	Larsen	Cedarborg	8000
3098	Leimert	Same	7200
3099	Same	Norlin	3400
3100	Porterfield	Owner	3500
3101	Whalen	Johanson	1950
3102	Kolari	Chubb	1000
3103	Holmes	Nance	5550
3104	Gerdes	Owner	3000
3105	Woods	Soules	3000
3106	Bell	Owner	2000
3107	Passarino	Sims	3000
3108	Merritt	Owner	3000
3109	Bower	Turner	3000
3110	Croll	Wells	2700
3111	Banter	MacKerriher	2000
3112	Gorwen	Loughery	10673
3113	O'Keefe		

DWELLING

(2992) NO 1520 GROVE ST, Berkeley.
Two-story 4-room dwelling.
Owner—J. Caherly.
Architect—None.
Contractor—J. P. Brennan, 1519 Hearst Ave., Berkeley. \$3000

ALTERATIONS

(2993) NO. 2336 SHATTUCK AVE., Berkeley, Alterations.
Owner—Stephens.
Architect—None.

Contractor—Conner & Conner, 1726 Grove St., Berkeley. \$1500

DWELLING

(2994) NO. 524 COLUSA, Berkeley.
One-story 5-room dwelling.
Owner—Berkeley Bldg. Co., Colusa & Solano Sts., Berkeley.
Architect—None.
Day's work. \$2500

STORES

(2995) E COLLEGE 50 N BIRCH CT, Oakland. One-story stores.
Owner—Misses Fox, 880 55th St., Oakland.
Architect—None.
Contractor—L. R. Wilson, 2216 Blake St., Berkeley. \$8900

DWELLING

(2996) S DAKOTA 200 E LAUREL, Oakland. One-story 5-room dwelling.
Owner—C. Jensen, 3051 Dakota, Oakland.
Architect—None.
Day's work. \$8900

ALTERATIONS

(2997) 3418-20 E TWELFTH ST., Oakland. Alterations and additions.
Owner—Chas. Walz.
Architect—None.
Contractor—Jos. Fittner, 1700 85th Ave., Oakland. \$1500

DWELLING

(2998) S FIFTY-SEVENTH ST 126 W Shattuck Ave, Oakland. One-sto. 4-rm. dwelling.
Owner—Annie Cortage, 813 Allen St., Oakland.
Architect—None.
Contractor—Eugene Cortage. \$1700

STORES

(2999) S FIFTEENTH ST 50 W Franklin St, Oakland. One-story brick stores.
Owner—L. Weiner.
Architect—None.
Contractor—M. I. Diggs, Easton Bldg., Oakland. \$7000

DWELLING

(3000) S KANSAS 100 E BROWN ST, Oakland. One-story 6-rm. dwelling.
Owner—K. B. Moore, 3319 Kansas St., Oakland.
Architect—None.
Day's work. \$8000

ADDITION

(3001) 2236 LINDEN ST, OAKLAND. Addition.
Owner—Mrs. L. Bassano.
Architect—None.
Contractor—H. W. Blood, 659 E. 12th St., Oakland. \$1919

DWELLING

(3003) W MARION AVE 75 W Lorenzo Ave., Oakland. One-story 4-room dwelling.
Owner—J. Walker, 3766 Marion Ave., Oakland.
Architect—None.
Contractor—Hans Johnson, 3328 Abbey St., Oakland. \$1850

DWELLING

(3004) W 109TH AVE 70 N Hollywood, Oakland. One-story 5-room dwlg.
Owner—Wm. Vickery, 2607 109th Ave., Oakland.
Architect—None.
Day's work. \$2500

DWELLING

(3004) N SCOTT 88 W Thermal, Oakland. One-story 5-room tile dwlg.
Owner—Henry Halbert, 521 20th St., Oakland.
Architect—None.
Day's work. \$3000

DWELLING (3005) W SIXTY-SIXTH AVE 200 N Trenor, Oakland. One-story 4- room dwelling. Owner—Jane Ward. Contractor—E. E. Rollins, 357 Athol Ave., Oakland. \$2000	Architect—None. Day's work. \$2000	Architect—None. Day's work. \$3800
ADDITION (3006) NO. 5008 TELEGRAPH AVE., Oakland. Two-story brick addi- tion. Owner—E. O. Cole, Premises. Architect—None. Day's work. \$4500		DWELLING (3025) 1350 HEARST AVE., Berkeley. One-story 5-room dwelling. Owner—Maurice Walsh, 1406 5th St., Berkeley. Architect—None. Day's work. \$2000
EXCAVATION (3007) SE FRANKLIN 398 NE Four- teenth NE 54SE 150, Oakland. All work for excavation. Owner—Mrs. S. G. Hammond, Mrs. H. E. Crane, Jennie Hammond and E. F. Cuenin (Colonial Cafeteria Co.), 14th and Harrison Sts., Oakland. Architect—A. Reinhold Denke, Dalziel Bldg., Oakland. Contractor—J. Catucci, 1212 18th Ave., Oakland. Filed July 7, '22. Dated June 30, '22. Completed and accepted..... 75% Usual 35 days..... 25% TOTAL COST, \$3400 Bond, \$5000. Surety, Fidelity & Casu- alty Co. Limit, 15 days. Forfeit, none. Specifications only filed.	DWELLING (3016) N PORTER 100 W 38th Ave., Oakland. One-story 4-room dwlg. Owner—W. H. Locke, 3811 Quigley Ave., Oakland. Architect—None. Contractor—H. C. Valleroy, 3636 Maple Ave., Oakland. \$2800	DWELLING (3126) 1222 SIXTY-SIXTH ST. Berke- ley. One-story 5-room dwelling. Owner—C. H. Allison, 34 Brookside, Berkeley. Architect—None. Contractor—H. Allison, 1221 Parker St., Berkeley. \$2000
PAINT BLDG. (3008) THE HOME CLUB, Oakland. All work for painting building. Owner—The Home Club, Cottage and Fourth Ave., Oakland. Architect—None. Contractor—T. A. Stallard, 3717 Ran- dolph St., Oakland. 1st cont. on..... 50% Completed and accepted..... 25% Usual 35 days..... 25% TOTAL COST, \$600 Bond, limit, forfeit, plans and specifi- cations, none.	DWELLING (3017) W HARRINGTON 105 S Ga- lindo, Oakland. One-story 4-room dwelling. Owner—R. E. Reeves, 1505 37th Ave., Oakland. Architect—None. Contractor—Percy Ward, 4016 Lyon Ave., Oakland. \$1800	ADDITION (3027) 2501-5-7 STUART ST, Berke- ley. Addition. Owner—S. C. Parr, 856 Arligton, Berke- ley. Architect—None. Day's work. \$4000
RESIDENCE (3009) 206 BLAIR AVE, PIEDMONT. Two-story 8-room residence. Owner—Olin May Case. Architect—None. Contractor—S. Morris, 1424 Jefferson St., Oakland. \$7000	STEEL TOWER (3018) E FOURTEENTH & STANLEY Road, Oakland. One-story steel tower. Owner—Durant Motor Co. of Califor- nia, Premises. Architect—None. Contractor—P. J. Walker Co. Monad- nock Bldg., S. F. \$6300	DISPENSARY (3028) 830 UNIVERSITY AVE, Berke- ley. Alterations and additions to two-story 10-room dispensary. Owner—Berkeley Dispensary, prem- ises. Architect—James W. Plachek, 2014 Shattuck Ave., Berkeley. Contractor—H. P. Nelson, 1947 Blake St., Berkeley. \$10,650
DWELLING (3010) 517 MAGNOLIA AVE, Pied- mont. 1 1/2-story 6-room dwelling. Owner—A. Meyer. Architect—None. Day's Work. \$5000	STATION (3019) SE TWENTY-EIGHTH AND Telegraph Ave., Oakland. One- story steel service station. Owner—Standard Oil Co., Oakland. Architect—None. Day's work. \$4000	APARTMENTS (3029) 1318 SHATTUCK AVE, Berke- ley. Two-story 12-room apart- ments. Owner—M. E. Van Kirk and J. D. Ar- mitage. Architect—None. Contractor—G. N. Nickell, 902 85th Ave., Oakland. \$10,000
RESIDENCE (3011) 52 SHARON AVE, Piedmont. One-story 6-room residence. Owner—A. A. de Grassi, Syndicate Bldg., Oakland. Architect—None. Contractor—C. M. MacGregor, 470 13th St., Oakland. \$5200	BANK BLDG. (3020) E BROADWAY 55 N Twelfth N 45E 100, Oakland. Erect struc- tural steel for seventeen-story bank and office building addition. Owner—The Oakland Bank through Agents P. J. Walker Co., Monad- nock Bldg., San Francisco. Architect—Reed & Corlett, Oakland Bank of Savings Bldg., Oakland Contractor—J. G. Williams (J. G. Wil- liams Constr Co.), 519 California St., San Francisco. Filed July 7, '22. Dated July 5, '22. On 10th of each month..... 75% Usual 35 days..... 25% TOTAL COST, \$11,520 Bond, \$5760. Surety, New Amsterdam Casualty Co. Limit, 35 days. Forfeit, none. Plans and specifications filed	DWELLING (2030) W BARTLETT 700 S EDES, Oakland. One-story 5-room dwell- ing. Owner—Joe Barrett. Architect—None. Contractor—Joe Reberino, San Lean- dro. \$3000 \$3000
FLATS (3013) S E-SIXTEENTH 100 E 29th Ave., Oakland. Two-story 12-room flats and garage. Owner—J. O. Keefer, 15th and Brush Sts., Oakland. Architect—None. Contractor—J. F. Loughery, 706 31st St., Oakland. \$10,678	2 GARAGES (3021) 2237 ATHERTON, Berkeley. Two garages. Owner—E. P. Baggott, premises. Architect—None. Contractor—Meracle & Burney, 5105 Miles Ave., Oakland. \$1250	DWELLING (3031) SW COR BROADWAY and TAFT Oakland. One-story 5-room dwell- ing. Owner—C. J. Pfarr, 480 Forest St. Architect—None. Day's work. \$5500
DWELLING (3014) E HOWE 50 N Moss Ave., Oakland. Two-story 4-room dwlg. Owner—M. McDonald, 3762 Howe St., Oakland.	DWELLING (3022) 1501 ADDISON ST, Berkeley. One-story 5-room dwelling. Owner—W. O. Nelson, 1511 Addison St., Berkeley. Architect—None. Day's work. \$2500	ADDITION (3032) 6433 CHABOT ROAD, Oak- land. Addition and repairs. Owner—H. T. Ghirardelli, premises. Architect—None. Contractor—F. E. Allen, 2718 Regent St., Berkeley. \$10,000
	ADDITION (3023) S CEDAR W ARCH, Berkeley. Addition. Owner—Hillside Club. Architect—None. Contractor—J. A. Pinkerton, 1931 Ber- ryman St., Berkeley. \$3000	DWELLING (3033) S ENTRADA 135 E Piedmont, Oakland. One-story 5-room dwell- ing. Owner—H. B. Beldon, 1437 Broadway, Oakland. Architect—None. Day's work. \$4000
	DWELLING (3024) 952 FRESNO ST, Berkeley. One-story 5-room dwelling. Owner—John O. Weston, 1731 Dwight Way, Berkeley.	DWELLING (3024) W FOURTEENTH AVE 10 S E-23rd St., Oakland. One-story 5- room dwelling. Owner—Edwin W. Dahl, 2435 E 21th St., Oakland. Architect—None. Day's work. \$3000

DWELLING

(3035) E KENTON RD 260 N Hilgirt Circle, Oakland. Two-story 6-room dwelling.
Owner—C. H. Breckhagen, Plaza Bldg., Oakland.
Architect—None.
Contractor—J. F. Chambers, Plaza Bldg., Oakland \$5000

DWELLING

(3026) S KANNING ST 200 E Mayhelle, Oakland. One-story 5-room dwelling.
Owner—M. Beck.
Architect—None.
Contractor—E. I. Blackman, 4145 E 11th St., Oakland \$3000

DWELLING

(3027) S LOCKWOOD bet. 73rd and 74th Ave., Oakland. One-story 5-room dwelling.
Owner—Alfred Johnson, 802 55th Ave., Oakland.
Architect—None.
Architect—V. Winthers, 1700 26th Ave., Oakland. \$2000

ALTERATIONS

(3028) 1365 104TH AVE., Oakland. Alterations.
Owner—Mrs. N. Catching.
Architect—None.
Contractor—Frank Johnson. \$3000

DWELLING

(3029) N SIXTIETH ST. 78 W. Carrington, Oakland. One-story 5-room dwelling.
Owner—E. M. Hinch, 420 15th St., Oakland.
Architect—None.
Day's work. \$3000

DWELLING

(3040) S SHAFTER AVE 440 E Pryal, Oakland. One-story 6-room dwelling.
Owner—Austin Brett, 641 51st St., Oakland.
Architect—None.
Day's work. \$4250

2 DWELLINGS

(3041) E 64TH AVE 109-214 N E 14th St., Oakland. Two 1-story 5-room dwellings.
Owner—H. W. Haler, Syndicate Bldg., Oakland.
Architect—None.
Day's work. \$3000 each

DWELLING

(3042) N SIXTY-FIRST ST 65 W Carrington, Oakland. One-story 6-room dwelling.
Owner—James Mullen, 2014 Central Ave., Alameda.
Architect—None.
Contractor—C. W. Doyle, P. O. Box 84, Berkeley. \$4500

GARAGE

(3043) S THIRTEENTH ST 89 E Brush, Oakland. One-story brick garage.
Owner—George Parker.
Architect—None.
Contractor—J. F. Chambers. \$5000

ALTERATIONS

(3044) 2145 THIRTY-FIFTH AVE. Alterations and additions.
Owner—J. C. Allegrette, 600 38th St., Oakland.
Architect—None.
Contractor—W. T. Vaughn, 381 51st St., Oakland \$1250

DWELLING

(3045) W TWENTY-EIGHTH AVE 360 S Foothill Blvd., Oakland. One-story 6-room dwelling.
Owner—Dr. T. J. August 1735 28th Ave., Oakland.
Architect—None.
Contractor—J. G. Hart, 2419 E 20th St., Oakland \$6200

APARTMENTS

(3046) 1449 ALICE ST., OAKLAND. Three-story 48-room brick apartments.
Owner—Hilda M. Gray, 306 14th St., Oakland.
Architect—None.
Contractor—Sonmarstrom Bros. Co., 306 14th St., Oakland. \$48,000

BANK BLDG.

(3047) LOTS 34 AND 35, BLAKE Tel. No. 3, Berkeley. Two-story and basement reinforced concrete bank building.
Owner—Federal Land Bank of Berkeley.
Architect—James W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—Lawton & Vezev, 357 12th St., Oakland.
Filed July 10, 1922. Dated July 10, 1922. 1st and 15th days each month. 75% Usual 35 days. TOTAL COST, \$109,900
Bond, \$50,000. Sureties, National Surety Co. Forfeit, none. Limit, 140 days. Plans and specifications filed.

CHURCH

(3048) N THIRTY-THIRD ST 283-4 W Telegraph Ave W 66-8 N 108-21 E 66 N 15 E 8 in. S, 123.31. Two-story and basement frame church except heating, trim, hardware, light fixtures, organ, pews, furniture.
Owner—Christian and Missionary Alliance of Oakland.
Architect—McCall & Wythe, Central Bank Bldg., Oakland.
Contractor—Walters & Grove, Monadnock Bldg., San Francisco.
Filed July 10, 1922. Dated June 30, 1922. Payments on alternating Fridays. Cost plus 4%
TOTAL COST, not over \$23,500
Bond none. Sureties, none. Forfeit, \$1 per lay. Limit, 90 days. Plans and specifications filed.

UNIVERSITY BLDG.

(3049) U C GROUNDS, Berkeley. Kitchen equipment for Students' Union building.
Owner—Associated Students of U. C., Berkeley.
Architect—John Galen Howard, First Natl. Bank Bldg., San Francisco.
Contractor—A. Schluter & Co. Inc., 1439 Mitchell St., Oakland.
Filed July 10, 1922. Dated June 29, 1922. Completed and accepted. 75% Usual 35 days. TOTAL COST, \$574.0
Bond, \$2737.25. Sureties, National Surety Co. Forfeit, \$50 day. Limit, 30 days. Plans and specifications filed.

DWELLING

(3050) NO. 1412 HEARST AVE., Berkeley. One-story 5-room dwlg.
Owner—M. B. Tuttle, P. O. Box 84, Berkeley.
Architect—None.
Contractor—C. A. Doyle, P. O. Box 84, Berkeley. \$5000

DWELLING

(3051) NO. 2417 McGEE, Berkeley. One-story 3-room dwelling.
Owner—Lizzie Pearce, 2419 McGee St., Berkeley.
Architect—None.
Day's work. \$2200

DWELLING

(3052) NO. 1316 MILVIA ST., Berkeley. One-story 7-room dwelling.
Owner—L. B. Clark, 2021 Vine St., Berkeley.
Architect—None.
Contractor—C. B. Crane & Son, 2695 Cedar St., Berkeley. \$5000

DWELLING

(3053) NO. 2200 SIXTH ST., Berkeley. One-story 5-room dwelling.

Owner—Tom Olivieri, 2216 6th St., Berkeley.
Architect—None.
Contractor—Floyd E. Townsend, 2927 Deakon St., Berkeley. \$2900

DWELLING

(3054) N ADAMS ST 200 W PERKINS, Oakland. One-story 6-room dwelling.
Owner—R. H. Chamberlain.
Architect—None.
Contractor—C. E. Burks, 4129 Randolph Ave., Oakland. \$3800

APARTMENTS

(3055) S ELCAON ST 360 W Excelsior, Oakland. Two-story 16-room apartments.
Owner—Arthur H. and Mattie Hoover, corner Hopkins and Fruitvale Aves. Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland. \$19,000

DWELLING

(3056) N CANYON AVE 1200 E Hopkins, Oakland. One-story 4-room dwelling.
Owner—E. E. Thompson.
Architect—None.
Contractor—E. J. Squires, 2117 Rose St., Berkeley. \$1500

ALTERATIONS

(3057) 817 E TWENTY-FIRST ST., Oakland. Alterations and additions.
Owner—J. D. Nelson.
Architect—None.
Contractor—C. E. Hughes, 6330 Camden St., Oakland. \$1473

DWELLING

(3058) W EIGHTY-EIGHTH AVE 119 S E 14th St., Oakland. One-story 4-room dwelling.
Owner—Fred L. Hewitt, 527 N. Van Buren St., Stockton.
Architect—None.
Contractor—C. L. Hewitt, 8821 E 14th St., Berkeley. \$2000

DWELLING

(3059) E FORTY-SECOND AVE 150 S Carrington, Oakland. 1½-story 5-room dwelling.
Owner—R. Amon, 2242 High St., Oakland.
Architect—None.
Day's work. \$3000

DWELLING

(3060) W FORTY-SECOND AVE 46 S Carrington. One-story 5-room dwelling.
Owner—E. M. Attleberry, 2039 42nd Ave., Oakland. \$2000

DWELLING

(3061) S FOOTHILL BLVD 87 E 96th Ave., Oakland. One-story 4-room dwelling.
Owner—O. B. Clark, 9615 Foothill Blvd., Oakland.
Architect—None.
Day's work. \$2000

DWELLING

(3062) SW COR FIFTY-SIXTH and Market Sts., Oakland. One-story 4-room dwelling.
Owner—Miss Nellie O'Neill, 1923 Haste St., Berkeley.
Architect—None.
Contractor—A. A. Anderson, 2457 Scenic St., Oakland. \$2500

ALTERATIONS

(3063) 176 GRAND AVE., Oakland. Alterations.
Owner—L. Kendall.
Architect—None.
Contractor—W. Greuner, premises. \$1200

DWELLING
(3064) E HALEY AVE 300 S Hopkins, Oakland. One-story 4-room dwelling.
Owner—Miss A. Miller.
Architect—None.
Contractor—N. Daubert, 1910 40th Ave., Oakland. \$3500

DWELLING
(3085) N MANDANA BLVD 150 W Ardmore, Oakland. One-story 5-room dwelling.
Owner—E. H. Rogers, Presidio, San Francisco.
Architect—None.
Contractor—Morse & Hind, 2233 Chanelling Way, Berkeley. \$6500

DWELLING
(3066) NE COR REDONDO AVE and Clark, Oakland. One-story 5-room dwelling.
Owner—Pietro Faslo, 5143 Clark St., Oakland.
Architect—None.
Contractor—M. E. Valente, 5215 Locksley Ave., Oakland. \$3000

DWELLING
(3067) LOT 27 BLK 2 and Ptn Lot 26 Blk 2, Fourth Avenue Heights, Oakland. All work for one-story dwelling.
Owner—William V. and Helene R. Hennessy, 5% Southern Pacific Co., Alameda.
Architect—None.
Contractor—C. A. Morris and W. R. Morris, 2314 Eagle Ave., Alameda. Filed July 10, '22. Dated June 10, '22.
Frame up \$1250
Brown coated 1250
Completed and accepted 1750
Usual 35 days 750
TOTAL COST, \$5000
Bond, none. Limit, 90 days from June 12. Forfeit, \$25. Plans and specifications, none.

DWELLING
(3068) SE GRAND AND DAYTON AV 55160, Alameda. All work for two-story frame dwelling.
Owner—Robert M. Eschen, 999 Morton St., Alameda.
Architect—Hamilton Murdock, Syndicate Bldg., Oakland.
Contractor—McIntosh Bros., 1020 San Antonio Ave., Alameda. Filed July 11, '22. Dated July 7, '22.
Frame up 1/4
Plastered 1/4
Completed 1/4
Usual 35 days 1/4
TOTAL COST, \$7720
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

DWELLING
(3069) PTN LOT 5 BLK 15, Map Property Berkeley Villa Ass'n., Berkeley. All work for one-story dwelling and garage.
Owner—J. E. and Grace P. Flaa, 2021 Haste St., Berkeley.
Architect—None.
Contractor—Jordan & Zelle, 2544 Milvia St., Berkeley. Filed July 11, '22. Dated July 8, '22.
Frame up 1/4
Brown coated 1/4
Completed 1/4
Usual 35 days 1/4
TOTAL COST, \$5000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(3070) NO. 950 KINGSTON AVE., Piedmont. One-story 6-room dwlg. Owner—Mrs. G. G. Knox.
Architect—None.
Contractor—Ben F. Kopf, 1015 82nd Ave., Oakland. \$4085

SCHOOL
(3071) CALIFORNIA, SACRAMENTO, Derby and Ward Sts., Berkeley. Two-story 15-room school.

Owner—City of Berkeley.
Architect—Wm. C. Hayes, 1st National Bank Bldg., San Francisco.
Segregated Contracts \$50,000

DWELLING
(3072) NO. 3134 ETON ST., Berkeley One and one-half-story 7-room dwelling.
Owner—W. G. Chamberlain.
Architect—None.
Contractor—M. E. Hopper & Son 1117 Webster St., Oakland. \$8000

ADDITION
(3073) NO. 2529 HEARST AVE., Berkeley. Add to fraternity house.
Owner—Chi Phi, Premises.
Architect—None.
Contractor—Chas. Stockholm & Sons, Monadnock Bldg., San Francisco \$20,000

ADDITION
(3074) NO. 1860 SOLANO ST., Berkeley. Addition.
Owner—F. T. Furtado.
Architect—None.
Contractor—E. A. F. Carson, 542 4th St., Richmond. \$1000

DWELLING
(3075) W AUBURN AVE 171 N Florio Oakland. One-story 6-room dwlg. Owner—J. A. Marshall, 6320 Florio St., Oakland.
Architect—None.
Day's work. \$3500

DWELLING
(3076) E BEST AVE 40 N Brookdale, Oakland. Two-story 9-room dwlg. Owner—Chas. L. Guagle, 2188 Rossdale Ave., Oakland.
Architect—None.
Contractor—Barritt & Shealey, 2757 Best Ave., Oakland. \$7600

DWELLING
(3077) N FOOTHILL BLVD 350 E Ritchie, Oakland. One-story five-room dwelling.
Owner—Annie Lytle.
Architect—None.
Contractor—J. A. Henas, 6922 Arthur St., Oakland. \$2750

ALTERATIONS
(3078) NO. 821 FIFTY-THIRD ST. Oakland. Alterations and additions.
Owner—F. E. Mathews, Premises.
Architect—None.
Contractor—R. E. Nelkirk, 851 44th St., Oakland. \$3000

DWELLING
(3079) W GREENWOOD AVE 200 S Brighton, Oakland. One-story 5-room dwelling.
Owner—Blanche and Jessie Price, 1583 Madison St., Oakland.
Architect—None.
Contractor—Chas. M. Smith, Y. M. C. A. Oakland. \$2000

DWELLING
(3080) E HAVENSCOURT BLVD. 500 N Flora, Oakland. One-story five-room dwelling.
Owner—L. Sorcini, 806 Howard St., San Francisco.
Architect—None.
Contractor—C. F. Pond, 1163 Ashmount Ave., Oakland. \$3950

DWELLING
(3081) S LINDA AVE 90 E Glen Ave., Oakland. One-story 5-room dwlg. Owner—Chas. T. Cox, Glen and Linda Sts., Oakland.
Architect—None.
Contractor—Harry Ahnefeld, 2123 Parker St., Berkeley. \$3350

DWELLING
(3082) W 103RD AVE 50 S Sunnyside, Oakland. One-story 4-room dwlg. Owner—M. Gonsalves.
Architect—None.

Contractor—N. Pitkanen, 1926 163rd Ave., Oakland. \$1000

DWELLING
(3083) E RANSOME, 200 S Santa Rita, Oakland. One-story 5-room dwlg. Owner—Emily Protz, 2245 Ransome St., Oakland.
Architect—None.
Contractor—H. L. Valleroy, 3636 Maple Ave., Oakland. \$2850

DWELLING
(3084) N RICH 150 E Forty-second St., Oakland One-story 3-room dwelling.
Owner—R. C. Kile, 435 51st St., Okd.
Architect—None.
Contractor—P. J. Healy, 39 Nace Ave., Piedmont. \$2600

DWELLING
(3085) W SIXTY-THIRD AVE 80 N Avenal, Oakland. One-story six-room dwelling.
Owner—R. K. Aristen, 2195 63rd Ave., Oakland.
Architect—None.
Contractor—W. S. Kepple, 2619 62nd Ave., Oakland. \$3850

DWELLING
(3086) SE SPENCER AND SIXTY-ninth Ave., Oakland. One-story 5-room dwelling.
Owner—F. O. Malmquist.
Architect—None.
Day's work. \$2500

ALTERATIONS
(3087) TWELFTH AND POPLAR STS., Oakland. Alterations.
Owner—City of Oakland.
Architect—None.
Contractor—F. W. Maurice, 1362 E-25th St., Oakland. \$13,600

SHEET PILING
(3088) E BROADWAY 55 N Twelfth St N 45 E 100, Oakland. Steel sheet piling work for 17-story bank and office building addition.
Owner—The Oakland Bank, through agent, P. J. Walker Co., Monadnock Bldg., San Francisco.
Architect—Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
Contractor—Mervy-Elwell Co., Foot of 11th Ave., Oakland. Filed July 12, 1922. Dated July 11, 1922.
Tenth day each month 75%
Usual 35 days 25%
TOTAL COST, \$2428
Bond, \$1214. Sureties, Globe Indemnity Co., Forfeit, none. Limit, 35 days. Plans and specifications filed.

ALTERATIONS
(3089) NO. 2347 PIEDMONT AVE., Berkeley. Alter fraternity house.
Owner—Sigma Pi Fraternity, Premises.
Architect—None.
Contractor—W. F. Lloyd, 3720 Foothill Blvd., Oakland. \$4000

DWELLING
(3090) NO. 1124 BROADWAY, Alameda. One-story 5-room dwelling.
Owner—B. Cerruti.
Architect—None.
Contractor—J. P. Silva, 870 46th St., Oakland. \$3000

ALTERATIONS
(3091) NO. 2001 EAGLE AVE., Alameda. Alterations.
Owner—Mrs. A. Couro, Premises.
Architect—None.
Contractor—M. J. Adams & Son, 678 26th St., Oakland. \$1255

DWELLING
(3092) NO. 2807-9 ENCINAL AVE., Alameda. Two-story 4-room dwlg. Owner—Jos. M. Silva, 2020 Willow St., Alameda.
Architect—None.
Day's work. \$3500

DWELLING
(3092) NO. 927 LINCOLN AVE., Alameda. One-story 5-room dwlg.
Owner—C. A. Hibbs, 924 Haight St., Alameda.
Architect—None.
Contractor—Howard Willford, 3265 Central Ave., Alameda. \$3800

DWELLINGS
(3094) — PEARL—N Eagle, Alameda. Six one-story 5-room dwellings.
Owner—R. B. Mott, 1434 Park St., Ala.
Architect—None.
Contractor—L. C. Hallen, 5264 Trask St., Oakland. \$3200 each

DWELLING
(3095) NO. 1536 STANTON, Alameda. One-story dwelling.
Owner—John Perretti, 1544 Lincoln Ave., Alameda.
Architect—None.
Contractor—C. A. Cushman, 1675 85th Ave., Oakland. \$2700

ADDITION
(2098) NO. 1308 WEBER ST., Alameda. Addition.
Architect—Chas. Loring, Premises.
Architect—None.
Contractor—Frank Baum, 1612 Stanton St., Alameda. \$1500

DWELLING
(3097) NE COR E FOURTEENTH ST and 25th Ave., Oakland. Two-story 12-room dwelling.
Owner—R. K. Larsen, 2830 E 14th St., Oakland.
Architect—None.
Day's work. \$11,000

DWELLING
(3098) N CAVANAUGH ROAD, 50 W Creed, Oakland. 1½-story 6-room dwelling.
Owner—Walter Leimert Co., Syndicate Bldg., Oakland.
Architect—None.
Contractor—A. Cederborg, 1455 Excelsior, Oakland. \$8000

DWELLING
(3099) N CAVANAUGH ROAD 50 E Creed Rd., Oakland. 1½-story 6-room dwelling.
Owner—Walter H. Leimert Co., Syndicate Bldg., Oakland.
Architect—None.
Contractor—A. Cederborg, 1445 Excelsior, Oakland. \$7200

DWELLING
(3100) W EIGHTY-NINTH AVE 100 S Holly, Oakland. One-story 5-room dwelling.
Owner—E. K. Porterfield, 8415 E 14th St., Oakland.
Architect—None.
Contractor—R. Norlin, 5015 84th Ave., Oakland. \$3400

DWELLING
(3101) SE COR FIFTY-NINTH and Manila, Oakland. One-story 5-rm. dwelling.
Owner—Whalen & Carlos, Federal Bldg., Oakland.
Architect—None.
Day's work. \$2400

ALTERATIONS
(3102) 475 FIFTY-NINTH ST. Oakland. Alterations.
Owner—W. Kolari.
Architect—None.
Contractor—G. Johanson, 1357 Northside Ave., Berkeley. \$1950

ALTERATIONS
(3103) E FRANKLIN opp. 15th St., Oakland. Alterations.
Owner—H. C. Holmes.
Architect—None.

Contractor—C. Chubb, 1332 Linden St., Oakland. \$1000

DWELLING
(3104) NW HIGH AND HOPKINS, Oakland. One and one-half-story 7-room dwelling and garage.
Owner—Carl D. Gerdes, 1598 Eddy St., San Francisco.
Architect—None.
Contractor—C. A. Nance, 512 Falcon Ave., San Francisco. \$5550

DWELLING
(3105) E MAPLE AVE 55 S Montana, Oakland. One-story 5-room dwlg.
Owner—Walter J. Woods, 3368 Maple Ave., Oakland.
Architect—None.
Day's work. \$3000

DWELLING
(3106) N MOSS 250 W Vernon, Oakland. One-story 4-room dwelling.
Owner—Thos. L. Bell, 36 Moss Ave., Oakland.
Architect—None.
Contractor—A. J. Soules, Okd. \$2000

DWELLING
(3107) W SAN PABLO AVE 45 N 55th St., Oakland. One-story 4-room dwelling.
Owner—John Passarino, 5864 Reaudry St., Oakland.
Architect—None.
Day's work. \$2000

DWELLING
(2108) S SCENIC WAY 40 W 61st Ave., Oakland. One-story 4-room dwlg.
Owner—L. H. Merritt, 1422 44th Ave., Oakland.
Architect—None.
Contractor—W. H. Sims, 1940 42d Ave., Oakland. \$3000

DWELLING
(3109) E SIXTY-THIRD AVE 135 N Camden, Oakland. One-story five-room dwelling.
Owner—Guy H. Bower, 3122 63rd Ave., Oakland.
Architect—None.
Day's work. \$3000

DWELLING
(3110) W SIXTY-NINTH AVE 200 N Grant, Oakland. One-story 5-room dwelling.
Owner—W. A. Croll, 1905 69th Ave., Oakland.
Architect—None.
Architect—None.
Contractor—Fred G. Turner, 4521 Virginia Ave., Oakland. \$3000

DWELLING
(3111) W THIRTY-FIFTH AVE 129 N Quigley, Oakland. One-story 4-room dwelling.
Owner—N. J. Bantien.
Architect—None.
Contractor—F. P. Wells, 4034 Porter St., Oakland. \$2700

DWELLING
(3112) W WHITTLE AVE 50 N Whittier, Oakland. One-story 4-room dwelling.
Owner—J. M. Gorven, 1817 25th Ave., Oakland.
Architect—None.
Contractor—R. A. MacKerricher, 3449 Fruitvale Ave., Okd. \$2000

APARTMENTS
(3113) S E-SIXTEENTH bet. 29th Ave. and Fruitvale Ave., Oakland. All work for two-story 12-room apartments.
Owner—J. O'Keefe and wife, 15th and Brush Sts., Oakland.
Architect—None.
Contractor—J. F. Loughery, 705 31st St., Oakland.

Filed July 13, '22. Dated July 3, '22.
Fraine up \$2689
Brown coated 2689
Completed and accepted. 2689
Usual 55 days 2671
TOTAL COST, \$10,678
Bond, \$5500. Sureties, Elizabeth and Ellen Loughery. Limit, 100 days. Forfeited, \$1. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded **Accepted**
July 13, 1922—S 37-6 LOT 19 BLK 8, Map Jose Domingo Tut, Berkeley. P. E. Marquis to whom it may concern. July 6, 1922
July 13, 1922—LOTS 20, 21 AND 22, Grand Ave Park Tract, Oakland. Simon Lerer to C. L. Hewitt. July 11, 1922
July 12, 1922—E WESLEY AVE 70 S Cleveland, Oakland. W. Johnson and O. F. Abdon to whom it may concern. July 3, 1922
July 12, 1922—LOT 163 Nova Piedmont, Piedmont. Herman B. Henderson to Wm. Livingston & Son. July 11, 1922
July 12, 1922—LOT 19, BLK A, Oakland Highland Tract, Oakland. Safe Realty Co. to C. W. Short. June 26, 1922
July 12, 1922—N DELAWARE bet. Maple and Curran Aves, Oakland. Albert W. and Lillian A. Smith to R. A. MacKerricher. May 27, 1922
July 12, 1922—SAN LEANDRO, Prosper Godchaux to Larsen-Slegrist Co. July 5, 1922
July 11, 1922—LOT 3, BLK C, Map Northbrae Business Property, Berkeley. P. E. Marquis to whom it may concern. July 10, 1922
July 11, 1922—NW 55TH AVE 40 W Plymouth NE 40 NW 13250, Geo. W. and Helga A. Williams to C. A. Cushman. June 24, 1922
July 11, 1922—LOT 26, BLK H, Foot-hill Park, Oakland. James Moyle to whom it may concern. July 1, 1922
July 10, 1922—S 25 LOT 18 and N 12-6 Lot 15, Blk 8, Map San Jose Domingo Tract, Berkeley. P. E. Marquis to whom it may concern. July 7, 1922
July 10, 1922—LOT 16, BLK 21, Map Northbrae. Thos. W. Kirby to R. Perrot. July 10, 1922
July 10, 1922—LYON AVE 250 W 38th Ave, No. 3650, Oakland. J. W. Slig-wald to whom it may concern. July 10, 1922
July 10, 1922—W TELEGRAPH AVE N 21st St N 25 W 145, Oakland. Joe. Lina, Frank Martorano to W. S. Hamilton and Leonard Jones. June 12, 1922
July 10, 1922—LOT 11 Map Room Tr., Oakland. Wm. K. Condes to A. F. Anderson. July 8, 1922
July 10, 1922—LOT 3, BLK D, Foot-bill Park, Oakland. Ralph B. Baggett to whom it may concern. July 10, 1922
July 8, 1922—LOT 15 BLK 22, Map Ivywood Extension, Oakland. George and Frieda Milkun to F. L. Nickerson. July 17, 1922
July 8, 1922—LOT 106 Map Nova Piedmont, Piedmont. Lauriston C. Fish to whom it may concern. July 8, 1922
July 7, 1922—LOT 123 and ½ Lot 122 Blk 15, Amended Map Havens-court, Oakland. Pearl Layfield to Alex C. Wiehen. June 12, 1922
July 7, 1922—N FIRST N 75 E 75 E 75 W 75 ———, Oakland. Fred W. Dichi to Thos. A. Cuthbertson. July 4, 1922
July 7, 1922—LOT 3 BLK "K" Fourth Avenue Terrace, Oakland. Sara K. Robinson to Alex C. Wiehen. June 25, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
 July 11, 1922—LOT 2 BLK 108, Wen-
 singer Tract, Oakland, Sunset
 Lumber Co vs C H Wood & Estate
 of Emma M Titmore, dec'd. \$117.97
 July 10, 1922—LOT 6, BLK 1, MAP
 Hadden Hill, Oakland, Rhodes-
 Jameson Co. vs. A. A. Handle. \$827.45
 July 8, 1922—E PARK 28.33 S San
 Jose Ave S 26XE 117.13, Alameda.
 Anker Isaksen vs Paul Caye. \$175
 July 8, 1922—NO. 1306 BRUSH ST.,
 Oakland, Charlie West vs Mrs. G
 A Mason. \$33.30
 July 8, 1922—NE E-TWENTY-FIRST
 and NW Tenth Ave NE 100xNW
 100, Oakland, H C Haskins vs
 Margaret Moffitt. \$310

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
 July 12, 1922—S WILLOW 188.07 W
 Laurel Ave S 300 F 36.30 N 300 W
 36.30, Eden Tp. W A Young to
 Joseph J Bernardo. \$120

Notice of Non-Responsibility

ALAMEDA COUNTY

July 13, 1922—NW 20 LOT 5, all Lot
 6 Blk 16, Map Key Route Heights,
 Oakland, Alameda Investment Co
 as to improvements on property...
 LOTS 26, 27 and SW 21 LOT 8, BLK
 22, Map Key Route Heights, Oak-
 land, Alameda Investment Co
 with regard to improvements
 thereon. July 10, 1922.
 LOT 5 and PORTIONS LOTS 4, 3, 2, 20,
 21, Blk 8, Berkeley, S. P. Co. with
 regard to improvements thereon.
 July 10, 1922.

BUILDING CONTRACTS

FRESNO COUNTY.

\$2500 and Over Reported

BUILDING, \$4800; No. 2112 Elm Ave.,
 Fresno; owner, J. M. Blenkiron,
 842 Dennitt St., Fresno; contractor,
 Wm. Kerner, 440 E St., Fresno.
 STORE, \$3500; No. 498-500 Portchcamp
 Ave., Fresno; owner, Harris &
 Harris, 1816 Fresno St., Fresno;
 contractor, W. A. Duncombe, 2727
 Fresno St., Fresno.
 DWELLING, \$2500; No. 24433 Lily St.,
 Fresno; owner, Chris. Schlegel,
 2479 Kirk St., Fresno; day's work.
 DWELLING, \$3300; No. 29 Olive Ave.,
 Fresno; owner, Stanley Kordyle,
 Fresno; contractor, J. P. Williams,
 2550 Harvey St., Fresno.
 DWELLING, \$3500; No. 3335 Liberty
 St., Fresno; owner, E. R. Morris,
 312 Shasta St., Fresno; day's work.
 DWELLING, \$4000; No. 1314 Glenn
 Ave., Fresno; owner, J. M. Nesbitt,
 Fresno; contractor, I. Moore,
 Fresno.
 DWELLING, \$4250; 1225 Poplar St.,
 Fresno; owner, Brague & Larson,
 Fresno; contractor, Ed Myers, 321
 Clark St., Fresno.
 DWELLING, \$3600; 4055 Balch Ave.,
 Fresno; owner, O. J. Wright, 160
 Callisoh St., Fresno; contractor, M.
 Payne, 3855 Belmont St., Fresno.
 DWELLING, \$2500; 1121 Glenn Ave.,
 Fresno; owner, I. Stoner, % Dor-
 sey-Parker Co., Fresno; contrac-
 tor, Fred Jones, 444 Inez St.,
 Fresno.
 DWELLING, \$1000; 1567 Wilson Ave.,
 Fresno; owner, A. Dick, 214 Clark
 St., Fresno; contractor, W. A.
 Stevens, 1365 Calaveras Ave.,
 Fresno.

COMPLETION NOTICES

FRESNO COUNTY.

Recorded Accepted
 July 11, 1922—LOTS 3 AND 4, BLK
 4, Donahoe Add, Fresno, G. F.
 Parker to whom it may concern...
 July 3, 1922—LOT 47, J. C. Porkner
 Fig Gardens Sub No. 1, Fresno, H
 Gunderson to whom it may concern
 July 7, 1922
 July 5, 1922—LOTS 48 AND 49 BLK
 5, Torrance Terrace, Fresno, Omar
 G Sedinger to whom it may concern
 July 7, 1922
 July 8, 1922—LOTS 39 AND 40 BLK 5,
 Torrance Terrace, Fresno, O A
 Kunzler to whom it may concern
 July 7, 1922
 July 8, 1922—PUMPING STATION IN
 Sec. 36, 20-14, Fresno, Associated
 Oil Co to whom it may concern....
 July 1, 1922
 July 8, 1922—N 35 FT. LOT 5, Blk
 14, Hazelwood, Fresno, M F
 Telloian to whom it may concern...
 June 2, 1922
 July 7, 1922—LOT 4 BLK 2, Roose-
 velt Heights, Fresno, Neils N
 Nelsen to whom it may concern...
 June 1, 1922
 July 7, 1922—LOTS 12 AND 13 BLK
 8, Torrance Terrace, Fresno, F H
 McGinnis to whom it may concern
 July 6, 1922

LIENS FILED

FRESNO COUNTY

Recorded Amount
 July 8, 1922—LOTS 31 AND 32 BLK
 34, Arlington Heights Ter, Fresno,
 S P Williams vs M R Serpa. \$46
 July 8, 1922—LOT 1 Pearl Heights,
 Fresno Valley Lumber Co vs W
 N Howard. \$351
 July 7, 1922—LOTS 5 AND 6 BLK 1,
 Sierra Vista Addition, Fresno,
 Barrett-Hicks vs M D Beery et al
 \$69
 July 7, 1922—S ½ OF N ½ OF LOT
 234, Perrin Col No. 2, Fresno,
 Routt Lumber Co vs H O Sanford
 \$255
 July 7, 1922—LOTS 3 AND 4 BLK 8,
 College Park Addition, Fresno,
 Routt Lumber Co vs C A Watrous
 \$91

BUILDING CONTRACTS

SANTA CLARA COUNTY

\$1,000 and Over Reported

2 COTTAGES, \$1950 each; Goodyear
 and Mastic Sts, San Jose; owner,
 Wm. H. O'Neil, 500 N 15th St., San
 Jose; day's work.
 2 COTTAGES, \$2250 each; Goodyear
 and Mastic Sts., San Jose, owner,
 Wm. H. O'Neil, 500 N 15th St., San
 Jose; day's work.

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SACRAMENTO OFFICE
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ALTER front, \$1500; 37 N First St.,
 San Jose; owner, E. F. Hutton &
 Co. (Jesses), Hotel St. Francis, San
 Francisco; contractor, L. & E
 Emanuel, 1530 Filbert St., San
 Francisco.

COTTAGE, \$2180; 17th and Jackson
 Sts., San Jose; owner, Edw. A.
 Walker; contractor, A. J. Nielson,
 156 S. 20th St., San Jose.

COTTAGE, \$3800; King Rd. near Santa
 Clara, San Jose; owner, Pete Rus-
 igno; contractor, E. Delmaestro,
 424 W. Julian St., San Jose.

2 COTTAGES, \$2600 each; Colfax and
 Vine Sts., San Jose; owner, Ed
 Timlin, 24 S. 4th St., San Jose;
 architect, A. Willmott, 26 N. Lin-
 coln St., San Jose; contractor, Will-
 mott Bros., 36 N. Lincoln Ave., San
 Jose.

COTTAGE, five room, \$2800; Thirteenth
 St. near Vestal St., San Jose; owner
 V. Guardino, 784 N-15th St., San
 Jose; contractor, S. Di Cola, 598 N.
 11th St., San Jose.

COTTAGE, three room, \$1000; Orvis nr
 12th St., San Jose; owner, L. Bab-
 cock, 72 S-6th St., San Jose; day's
 work.

COTTAGE, 4 room, \$1200; Twenty-first
 and San Antonio, San Jose; owner,
 Alice M. Studley; day's work.

COTTAGE, 3 room, \$2100; 17th St. near
 Julian St., San Jose; owner, G. A.
 Crawlis; contractor, Geo. Honore,
 150 Race St., San Jose.

COTTAGE, four room, \$1800; Twenty-
 first St. near Santa Clara, San Jose
 owner, Leo Schutte, 12 S-21st St.,
 San Jose; day's work.

COTTAGE, three room, \$1000; No. 232
 Delmas St., San Jose; owner, F.
 Madsen, Premises; contractor, A.
 Texiera.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
 July 5, 1922—SAN JOSE, Nicholas
 Bowden to Edward G Cahill.....
 July 1, 1922
 July 5, 1922—PALO ALTO, Ira W
 Kibby to Phillip Darr, June 30, 1922
 July 5, 1922—MOUNTAIN VIEW,
 Geo M Bolst to whom it may con-
 cern..... July 3, 1922
 July 5, 1922—SAN JOSE, L. E. Ste-
 nerson to whom it may concern....
 June 24, 1922
 July 5, 1922—SAN JOSE, John D
 Black to whom it may concern.....
 July 5, 1922
 July 5, 1922—SAN JOSE, M H
 Narvaez to William W Martin....
 July 5, 1922

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2500 and Over Reported

DWELLING, 1½-sto., 7-rm., \$4970; 2916
 F St., Sacramento; owner, Patrick
 Early, 2914 T St., Sacramento; con-
 tractor, T. Schluckebier, 2669
 Marshall Way, Sacramento.
 WAREHOUSE, \$2600; 2916 R St., Sacra-
 mento, owner, Wm. Gerkin, 2256
 Portola St., Sacramento; contrac-
 tor, Herndon & Finnegan, 1814 17th
 St., Sacramento.
 ADD 3 stc., 6 apts., 3 rms. ea., \$16,500;
 521 O St., Sacramento; owner, R.
 Modell, 2414 9th St., Sacramento;
 day's work.
 BUILDING, \$5016; No. 1585 W & K. 21,
 Sacramento; owner, Harry W.
 Robertson, Sacramento; contractor,
 Chas. F. Waymore, 2139 4th Ave.,
 Sacramento; Filed July 10, '22;
 Dated, July 7, '22.
 FOUR FLATS, two-story (4-room each
 and garage), \$9500; No. 1715 7th
 St., Sacramento; owner, W. D. Mc-
 Koy, 3028 E St., Sacramento; day's
 work.

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Machinery safety guards.
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Warehouses, etc.
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SAN FRANCISCO, CALIF., JULY 22, 1922

Published Every Saturday
Twenty-second Year No. 29

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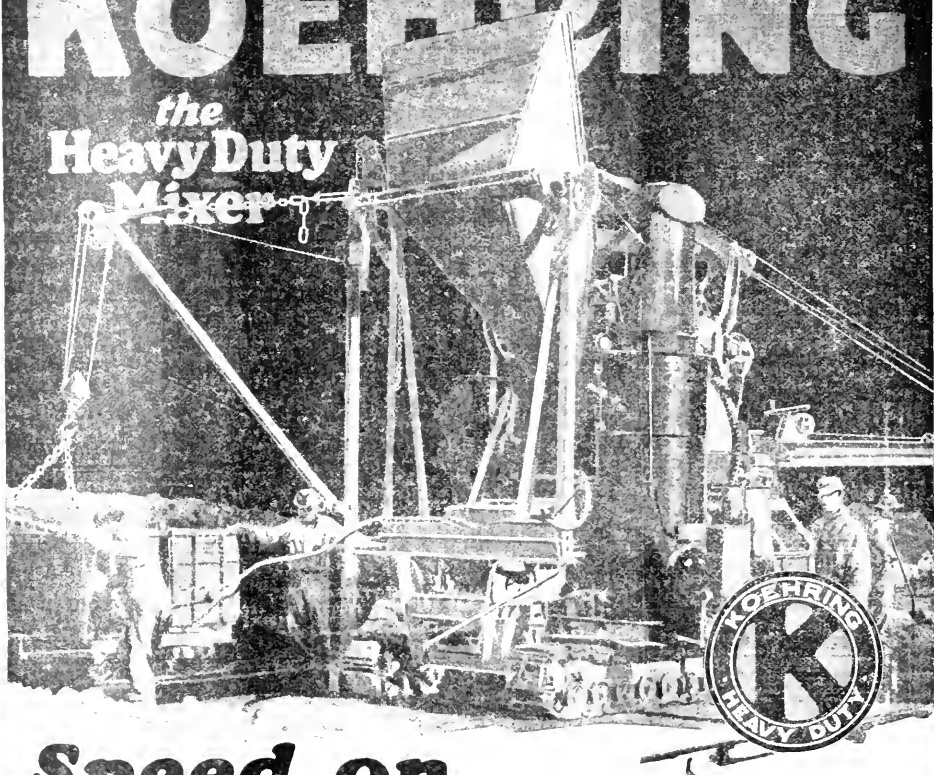
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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., JULY 22, 1922

Twenty-second Year No. 29



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ROAD OPINION GIVEN FRESNO COUNTY SUPERVISORS

An opinion asserting that the board of supervisors may maintain only roads improved under the \$4,800,000 highway bond issue of 1919 out of the highway maintenance fund has been furnished the Fresno County Supervisors by District Attorney B. W. Gearhart.

In the opinion it is stated the board is limited absolutely in the expending of money from the maintenance fund to work on those portions of the roads only which were improved from the bond issue.

The opinion also states the board must use its discretion in determining whether an entire road has been improved under the bond issue when actual work has been done only on certain portions of the road out of the bond fund.

GEORGE CALDER NAMED RESIDENT ENGINEER ON SACRAMENTO FILTRATION PROJECT

George Calder has been named Resident Engineer for the city of Sacramento on the uncompleted part of the filtration project. Calder succeeds C. Gillespie, who was in charge of the work done on the water portion of the plant and which was stopped last winter by City Engineer Albert Givan and City Manager Clyde Seavey, on the ground that the contractor was doing work far in excess of the estimates, and that the workmanship in some cases was unsatisfactory.

Calder has been connected with the filtration project since it was started as one of the engineers, and was in charge of the work of making plans for the remainder of the project.

TRACTION RESISTANCE OF ROADS STUDIED

Initial results secured from an investigation of the traction resistance of roads indicate that information will be secured of great value to the highway engineer and the user of motor transport. The investigations are being carried on under the auspices of the Advisory Board on Highway Research of the National Research Council with which the Bureau of Public Roads, United States Department of Agriculture, and the Quartermaster Corps, United States Army are co-operating.

One phase of the investigation shows that there is a great difference in the power required of the engine when a truck is traveling over different types of surfacing, the amount being more than twice as great on some of the lower types when compared with that on higher types. It is also shown that the power required to overcome the road resistance is not proportional to the speed of the vehicle, and after a certain speed is reached increases very rapidly.

The investigation when complete will cover tests with various types of motor vehicles with the load, tire and spring equipment varied on different types of surfacing and at varying speeds. The data will include gasoline consumption, internal engine resistance, wind resistance and road-surface resistance.

When carefully analyzed it will aid the highway engineer in determining under a given set of conditions what type of surface should be built for a given volume of traffic to result in the least total cost for road and vehicle operation. The same sort of study will be made as to expenditures for grade reduction to reduce operating costs.

The truck operator will be given valuable information on the effect of tire and spring equipment, lubrication, size of load and speed of vehicle on fuel consumption which should aid him in producing cheaper transportation.

ECONOMIC SURVEY OF ROADS IN TENNESSEE PUBLISHED

"Highway Economics and Highway Transport in Typical Counties of Tennessee," by Professor N. W. Dougherty, has been issued as Bulletin No. 1 of the Engineering Experiment Station of the University of Tennessee. The bulletin is a report on a co-operative survey by the University of Tennessee, the Bureau of Public Roads of the United States Department of Agriculture, the Tennessee State Highway Department and county authorities, during the summer of 1921, in four counties of Tennessee.

The object of the survey was to secure information on highway economics of interest to highway officials in general and to lay before the people of particular counties a statement of the present condition and cost of their highways, maintenance costs and the probable cost of improving the system to meet present and future needs, as a basis for future development.

Existing systems of the counties were inspected and the roads classified according to type and condition and records of cost obtained. Maintenance methods and costs were also investigated. A number of traffic counts were made on roads of various degrees

of importance and information as to farm values and production secured from these data necessary improvements to meet the needs of present traffic and that of the near future were outlined and an estimate made of the necessary expenditure.

The bulletin does not give details of the data collected, but gives gross figures to support the conclusions drawn.

The bulletin discusses factors governing selection of type of pavement, relation of traffic to highway expenditures and the necessity of planning so that all needs will be cared for in the most economical way.

MAY STRUCTURAL SALES AT 82 PER CENT OF FABRICATING CAPACITY

Sales of fabricated structural steel during May amounted to 82 per cent of fabricating capacity, according to reports made to the Department of Commerce by firms comprising 70 per cent of the fabricating capacity of the United States. The May business reported by 82 firms, having a capacity of 129,696 tons, totaled 106,620 tons as against April sales of these same firms amounting to 121,211 tons, or at the rate of 93 per cent of capacity. Total throughout the United States, based on the reported percentage and total capacity of 150,000 tons, amounted to 146,990 tons in May, while revised figures for April give a total of 165,960 tons. The April figures are based on reports from 87 firms, having a total capacity of 132,600 tons, whose sales amounted to 122,198 tons, or at the rate of 92 per cent of capacity.

BUILDING MATERIALS AND FUEL PRICES ADVANCE IN JUNE

Further increase in the general level of wholesale prices for June, as compared with May, is shown by information gathered by the Department of Labor through the Bureau of Labor Statistics in representative markets of the country. This increase measures 1 1/2 per cent, which compares with an increase of 3/4 per cent from April to May.

The largest price gains were reported for fuel and building materials, in each of which groups the June level was over 4 per cent higher than that of May. Food articles averaged nearly 1 1/2 per cent higher, and clothes and clothing over 2 1/4 per cent higher.

Of 404 commodities for which comparable data for May and June were obtained, increases were said to have been found to have occurred for 132 commodities and decreases for 106 commodities. In the case of 166 commodities, no change in average prices was reported.

WEIGHT OF ROOF COVERING MATERIALS

The following weights of roof coverings have been published in convention, and are accompanied by the statement that nearly one-eighth of all fire damage in this country results from fires communicated through roofs. The weights are all per 100 square feet of roof surface. Prepared roofing in rolls 35 to 100 lbs., wooden shingles about 200 lbs., fire slate 650 to 800 shingles about 220 lbs., slate 650 to 800 lbs., tile 950 to 1,200 lbs.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The greatest increase in the membership of building and loan associations ever recorded in a single year was reported for last year by H. F. Cellarius, secretary of the United States League of Portland, Maine, Building and Loan Associations. At the annual meeting of the League, held July 19, Eight hundred and forty-seven thousand new members were enrolled in the United States last year, an increase of more than 17 per cent. The total membership now numbers 5,869,838. The total resources of these associations are \$2,899,761,621, or net increase for the year of \$376,844,650, or nearly 15 per cent.

The Willamette Iron and Steel Co., Portland, Ore., has the contract to furnish the Portland Railway, Light and Power Company with 5000 tons of 8-ft. diameter steel pipe, penstocks and other equipment to be used in the construction of 8½ miles of conduit to supply water to the new power plant which the power company will construct on the upper Clackamas River. The Willamette contract runs in the neighborhood of \$1,000,000, while the completed project, planned by the power company, will cost \$3,500,000.

Believing that the people of Alameda County should have an opportunity to express their opinion on the question of a tube under the estuary, the Harbor Development Committee of the Chamber of Commerce will recommend to the County Supervisors that such a referendum be put on the November ballot. In the opinion of the committee, the vote should be on a bond issue sufficient to cover the cost of the tube in order that, if passed, construction can be rushed.

The Commercial Building Co. of San Jose, which proposed to purchase a site in San Jose and construct an office and store building, has received authority from the State Corporation Department to sell 2000 shares of stock at par \$100 for cash. It is required to sell \$182,500 aggregate par value of its shares on or before January 1, 1923. The commission on the sale is not to exceed 5 per cent.

Steps are being taken to organize an irrigation district at Brentwood, Contra Costa County, to comprise lands now served by the East Contra Costa Irrigation Co., and not included in the Knighten and Lone Tree Districts. Albert Picard, attorney of San Francisco, is handling the legal matters for the promoters and W. F. Woolley, Chief Engineer for the Knighten Irrigation District, the engineering details of the project.

The Hydraulic Society, C. H. Rohrbach, secretary, 50 Church street, New York City, has issued a second edition of its pamphlet, "Trade Standards in the Pump Industry." The edition contains some additional tables and explanatory data, also a revised list of the members of the Society.

Secretary Hoover has called a conference of the National Lumbermen's Association, to meet in Portland, Ore., July 27. The main object of the conference is to simplify lumber grading.

Contractors and material dealers in Marysville have organized a company to construct and operate a brick plant with a daily capacity of 10,000 common brick. Machinery for the plant has been purchased. Among those identified with the new company are: Shasta and Union Lumber Companies, E. A. Huhn, McDaniels & Burroughs, I. C. Evans, L. E. Ilite, L. A. Williams and Calvin Smith.

Building is active in Fresno. The total of new buildings for the first half of the present year is \$3,565,494; and for alterations and repairs to buildings, \$297,864, or a grand total of \$3,863,358. The total of new buildings and alterations for the first half of last year was \$1,829,575, which gives an increase for this year so far of \$2,033,779, or roughly 120 per cent.

Mayor Hart of Fresno, together with business men of that city, have secured control of the Pacific Asbestos Corporation, owning the asbestos mountain fifteen miles northeast of Oakdale, and plan to construct a plant for the mining of asbestos. W. A. Sutherland, president of the Fidelity Trust and Savings Bank, is interested in the project.

Plans for the first industrial survey of Oakland in the past ten years, with a view toward definitely determining which districts shall be reserved intact for residence purposes and which shall be open for factories and other industries, will be undertaken by the City Planning Commission.

Bids for the mechanical equipment to be installed in the Capitol Extension buildings at Sacramento will be considered by the State Department of Public Works, Division of Architecture, on August 29. The work consists of plumbing, heating system, ventilating system and electrical work.

A. R. Haskins, a Colma contractor filed in the United States District Court recently a voluntary petition in bankruptcy. He listed his liabilities at \$45,548.25 and declared that he has no assets. The Pacific Coast Steel Company is named as the heaviest creditor, \$17,000 being due them.

According to word received from Washington the Indian Warehouse located at San Francisco, is to be retained and bids will be opened here in the future as in the past. Three months ago rumors were prevalent that the government intended to close down the warehouse.

A fall exhibition to impress upon the public the advantages of gas water heaters and heating appliances has been endorsed by the Gas Appliance Society of San Francisco. The exhibition will be held from October 9 to 14 as a part of the California Industries Exposition.

The Associated Engineers, Incorporated, is the name of an organization headed by F. W. Ullins Jr., Wm. E. Skinner and R. M. Kibbe, established in Milwaukee, Wis., for the purpose of conducting quantity surveys and correlated work.

ALONG THE LINE



C. E. Wantland of Los Angeles has completed a survey of Nevada County in connection with colonization projects and will make a report to the State Real Estate Commission. The nature of the projects was not disclosed by Wantland, who is a special agent of the Commission.

Sanchez Cuervo, Jose Pulgar and R. F. Hamilton of Madrid, engineers, who are traveling through the United States to study its railroad system for the benefit of the Spanish roads, were in San Francisco July 19.

James E. Sellers, assistant engineer on the Verde River Water Project for the city of Phoenix, Arizona, has resigned and is now completing a report on the Colorado River flood control for Chicago interests.

The American Association of Engineers at a meeting of its Board of Directors on July 8 accepted the invitation of the American Construction Council to become a member of that body.

The Nevada Consolidated Copper Co., Ely, Nevada, will rebuild its McGill concentrator at a cost of \$1,500,000. The structure was recently destroyed by fire.

More than 200,000 feet of lumber destroyed by fire at the yards of the Coos Bay Lumber Co., Bay Point, on July 16th.

The Kings County Supervisors propose to replace wooden bridges throughout the county with concrete structures.

Architects and architectural draftsmen of Sacramento at a recent meeting perfected preliminary plans to organize a permanent organization.

J. W. Ludlow has succeeded Edward D. Vincent as engineer of Los Angeles harbor.

Parker and Wood, contractors of Bremerton, Washington, have opened Seattle offices at 4145 Arcade Building.

O. H. Euckman seeks re-election to the office of County Surveyor of Napa County.

The California State Automobile Association will open its twelfth district office at Marysville.

Of the 5,000,000 school bond issue voted in Oakland two years, \$3,137,827 has been expended.

W. A. Minner and Reed McClure have opened a wholesale paint and wall paper business in Bakersfield.

S. W. Gerow and John Messenger have opened a sheet metal shop at 23 West Carillo St., Santa Barbara.

CALIFORNIA REAL ESTATE ASSOCIATION URGES THE BUILDING OF HOMES

If the rent payer would invest in a home, he would become independent in from ten to twenty-five years, the California Real Estate Association announces. Money expended for lodgings or rent is so much money lost from the savings against a rainy day, and these rainy days come in every man's life. The State Association submits the following figures showing the amount of money rent payers will pay out with interest at 6 per cent:

At \$10 Per Month	
10 years	\$1581.68
15 years	2,793.10
20 years	4,114.25
25 years	6,583.72
At \$20 Per Month	
10 years	\$3,163.56
15 years	5,586.18
20 years	8,828.56
25 years	13,167.13
At \$25 Per Month	
10 years	\$3,910.29
15 years	6,983.73
20 years	11,035.65
25 years	16,459.23
At \$30 Per Month	
10 years	\$4,745.03
15 years	8,378.27
20 years	13,212.78
25 years	19,751.14

California is in the midst of its greatest home-building epoch. Every rent payer, who has an eye to the future, should get into the home-building campaign immediately and pay his money to himself that he now pays to the landlord.

The California Real Estate Association, which inaugurated a State-wide Own Your Home campaign last winter, received reports from various parts of the State showing that upwards of \$106,000,000 is being expended in California for new homes this year. This enormous total is not surpassed in any other State, and will be insufficient, the Association declared, to provide housing quarters for the rapidly increasing flux of population to this State.

California is the Mecca for millions. New arrivals from the East reach this State daily in large numbers. They are coming by train, by boat and by automobile, and some are still pursuing the fashion of the pioneers by traveling overland in the old-fashioned two-horse outfit.

It is of interest to note that in this vast trend of people westward to build their homes in California, there is one unanimous voice for the constructing of great national trails on a permanent paved basis, so that the trip westward to find homes in California will be made with greater comfort and ease by travelers than heretofore. When that day comes, and it is sure to come rapidly, the State Association declares California real estate and California houses will be entirely inadequate to meet the demands.

The Story of the Diamond "J" Mixer

But little attention has been paid in the past to the small concrete contractor. All of the designs gotten out for concrete mixers have been devoted to the man who handles the big jobs, and the small contractor was left to the shovel and the board. It remained for a western coast manufacturer to bring out a machine particularly adapted to the use of this small contractor.

The Diamond "J" machine, manufactured by H. E. Johnson of Portland, Oregon, and sold in the southwest by Harron, Rickard & McCone of San Francisco and Los Angeles, has been developed with a view of supplying a thoroughly efficient and practical machine to the man who mixes concrete in small batches. It is made of the barrel type, but with many of the construction features of the larger types of machines.

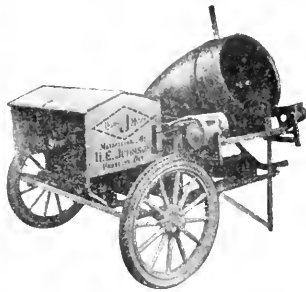
It is mounted on pneumatic tires in order that it may be moved quickly from one job to another, behind the ordinary automobile, and is equipped

quickly removed to the next one.

The barrel is only 33 inches from the ground, which provides for a natural churning height. A man shoveling will naturally throw a shovel just about that height, and this feature, together with the complete dumping of the concrete without scattering or spilling, makes it an extremely easy machine to operate.

Another very vital feature of the Diamond "J" is that the mixing drum, or barrel, is kept turning all the time, even while it is dumping, so that the concrete is delivered to the wheelbarrow in an even, perfect mix, and the barrel is kept perfectly clean at all times.

A unique feature of the Diamond "J" is the Ford wheel mounting. Standard Ford wheels of the standard sizes are used, and it is not unusual to find the purchaser of a Diamond "J" Mixer taking the wheels from the mixer and changing them with the older and more worn wheels of his Ford. The pneu-



with pneumatic tires to eliminate road vibration at high speed. This machine is built entirely of steel, with the exception of the mixing drum, or barrel, which is of oak, or may be supplied with a steel barrel at a slight additional cost.

The machine is well protected by chain and gear guards, complying with all labor laws. It is equipped with a high-grade Cushman 12 H. P. engine, mounted within a steel house, protecting it thoroughly from dust and the elements.

In operation it is extremely simple. It is not necessary to level the machine or make a special set-up for it, as is the case with a larger machine. It may be taken to the job behind an automobile, and by removing the coupling pin, one man can take it to the place where the concrete is to be made. It can be immediately set to work, and at the completion of the job recoupled to the automobile by one man and

the elements.

pneumatic tires on the Diamond "J" will last until they literally rot out, for they are not subjected to wear enough to wear them out. Therefore replacement may be had with used tires, if desired.

This machine is low in price and high in efficiency. Numerous users specify that they can mix 30 yards of concrete in eight hours with four or five men, depending entirely on the length of haul for the concrete.

It has the added advantage of saving one wheeling of concrete. It may be taken direct to the material pile and the material shoveled direct from the pile into the mixer, then dumped to the wheelbarrow and taken to the forms. This saves the customary wheeling from the pile to the mixer, and then from the mixer to the form.

Harron, Rickard & McCone carry these in stock at both San Francisco and Los Angeles, and can supply them for immediate delivery.

KELLEY ISLAND LIME COMPANY SELECTS OFFICERS

The Kelley Island Lime and Transport Co., world's largest producer of lime, at a recent directors' meeting, elected the following officials:

Chairman of the board, John A. Kling, president, George R. Johnson; first vice president, E. W. Delchay; second vice president, F. A. Beckwith; third vice president and general manager, C. J. Wackar; fourth vice president, P. W. Ollenacher; secretary and treasurer, C. A. McMorris; assistant general manager, A. B. Mack; assistant secretary and assistant treasurer, E. W. Kuhl; auditor, J. W. Longdon. Executive committee: John A. Kling, chair-

man; George R. Johnson, H. M. Hanna, Jr., John Sherwin, John E. Morley, H. C. Dalton. Other officers are: Sales manager, Henry Angel; assistant sales manager, F. M. Pinnegar; purchasing agent, Victor Price; Traffic manager, J. E. Potts.

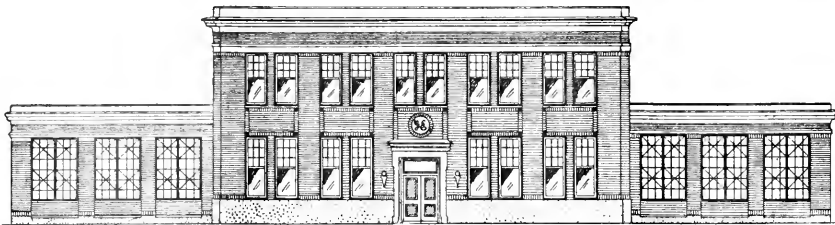
INDUSTRIAL ASSOCIATION ISSUES BOOKLET SHOWING ACTIVITIES

"The American Plan," a sixteen-page booklet, outlining the activities of the Industrial Association of San Francisco, is off the press. Articles featured in the issue are: Trade Schools; What the American Plan Has Done; Eastern Comment; Union Atrocities; What Samuel Gompers Stands For. A table showing the comparative wage conditions in the building trades in representative cities of the United States, and news notes from various sections of the country complete the issue.

BERG OF MORRISON SHEET METAL WORKS DIES

Andrew Berg, a member of the firm, Morrison Sheet Metal Company, died at his home Thursday, July 13. Funeral will take place today at 2 P. M. from the parlors of Anderson Co., Twenty-fifth and Valencia streets.

General Electric Company Lets Contract for Oakland Factory



Dr. Thos. Addison, Pacific Coast Manager for the General Electric Company, announces the immediate erection of a second plant at Oakland, part of which will be devoted to increased facilities for the manufacture of switch boards and the remainder occupied by meter and instrument laboratories, service shops and offices.

The erection of special plants to serve the Pacific Coast Territory is not a new departure for the General Electric Company. They have operated an incandescent lamp factory in Oakland since 1916 employing about 650 people and producing 12,000,000 lamps yearly for the Edison and National Lamp Division's Pacific Coast trade.

The tract where the new plant will be erected comprises 24 acres in the vicinity of E-14th and 54th Streets, Oakland. The building is to be of steel,

brick and concrete and will embody all of the best features of modern factory construction. It will be a model of illuminating engineering and will be completely wired and equipped throughout with the latest developments in electrical machinery.

This project represents an investment of \$200,000 and is the result of the initiative and foresight of Dr. Addison of the General Electric Company and Mr. E. O. Shreve, the local manager.

Mr. G. E. Emmens, vice President of the General Electric Company, placed the construction contract with the San Francisco office of The Foundation Company, and Mr. E. E. Talmadge acting as Mr. Emmens' special representative, will be the Engineer in Charge of construction. He expects to have the plant completed early in December.

The Pacific Coast offices of the Gen-

eral Electric Company will still be maintained in San Francisco, but the present switch board plant and service shop now located at 17th and Kansas Streets will be transferred to the new Oakland location.

The greater facilities afforded by the new plant and special connection with the Western Pacific and Southern Pacific railroads will enable these branches of the General Electric Organization to render the Pacific Coast electrical industry a service second to none.

One type of work that will be carried on in the new plant is exemplified by the great switch board now being constructed for the Don Pedro power plant of the Turlock and Modesto Irrigation District. This switchboard has a capacity of 15,000 kilowatts and will control the three 7500 H.P. generators and transformers.

UNIVERSAL BUILDING PRODUCTS CO. ORGANIZING TO ENTER CALIFORNIA FIELD

A valuable asset in the development of California promises to be realized through the organization of the Universal Building Products Company, which is being organized in this State for the purpose of engaging in the business of distributing building materials and facilitating the building of homes in the larger cities.

In connection with the distribution of materials, the firm promises to offer the public a building service that will save much time and expense. The plans have not been revealed in detail, but letters produced from responsible trade associations indicate that the methods of operation will be far in advance of those in current use. It is further predicted that these plans will be gladly welcomed and readily met with public support.

On account of recent development on the Pacific Coast and indications of phenomenal future growth, this section was decided as being the most favorable for the launching of the enterprise.

One of the many advantages in California for the building industry is that it may be conducted throughout the year without being hindered by heavy snows and frozen ground, which is so common in the Northern and Eastern sections of the United States.

It is believed that the time and place is opportune for such an undertaking, and the proposed development will be watched with interest.

The management and personnel will be partially selected from among local men who are familiar with the lumber and allied industries in this section.

The firm also proposes to have responsible affiliations and subsidiaries that will contribute materially to its success.

The temporary offices are located at 995 Market street, San Francisco, and

are in charge of Earl Cuevas of New Orleans and New York, who is in charge of the organization work.

Cuevas has traveled extensively in the interest of the lumber and advertising business, and has personally conducted careful investigation in several important cities before making a final decision to open operations in California.

Roy A. Bronson, a prominent local attorney, has been engaged as counsel for the firm.

PLANS COMPLETED FOR SECOND ANNUAL CALIFORNIA INDUSTRIES EXPOSITION

Plans have been completed for the Second Annual California Industries Exposition, to be held in the Exposition Auditorium from October 7 to 23, and will be given under the general direction, as last year, of the Central Bureau and San Francisco Program Committee of San Francisco organizations. Angelo J. Rossi will again act as President and C. E. Baen as Vice-President, together with an executive committee selected from the various organizations that make up the Central Bureau. Anthony A. Tremp, who successfully managed last year's Exposition, has again been selected as manager, and promises to present a larger and better Exposition this year.

"This year's Exposition will be so carefully planned that the industries of San Francisco, the Bay Cities and Northern California will force attention to themselves in a manner that will impress upon the people of California the importance and magnitude of our local industries. Also, the Exposition will be one of the most important things in the Northern California movement, as will be shown," stated Tremp.

Special preference is to be given to working manufacturers exhibits, who will show their products in the course of manufacture at the Exposition. It

is proposed that the majority of the exhibits will be of this class.

The Exposition offices have been opened in the Flatiron Building, where the details of the huge enterprise are being worked out.

The last year's Exposition contained over five hundred manufacturers' exhibits and had an attendance of nearly one half million. Preparations are being made to accommodate more exhibitors this year and an attendance of one million is the mark set.

NEW HIGHWAY BODY ORGANIZED AT CRESCENT CITY

Formation of the California and Oregon Coast Highway Association has been the result of a meeting at Crescent City of representatives of the Redwood Highway Association and the Roosevelt Memorial Highway Association, the former being made up of interests in seven counties in California north of San Francisco bay, and the latter of Oregon coast counties.

Dr. G. H. Douglas of Crescent City has been elected president and Fred C. Baker of Tillamook, Oregon, secretary. The 1923 convention will be held at Marshfield and North Bend, Or. The new organization, which Washington will be asked to join, will work for a highway along the coast.

TRACTOR SALES IN CANADA.

A total of 3438 tractors were sold in the Prairie Provinces of Canada during 1921, according to a report received by the Department of Commerce from Consul General Brittain, Winnipeg. Of these 1057 were sold in the Province of Manitoba, 1655 in Saskatchewan, and 716 in Alberta. This represents sales of new machines only, in all sizes, the largest proportion being included in the two classes from 6 to 12-horsepower, and from 10 to 20-horsepower. A limited number of machines from 14 to 25-horsepower and 16 to 32-horsepower was sold.

Building News Section

APARTMENT HOUSES

Contract Awarded.
APARTMENTS Cost, \$39,000
OAKLAND, Alameda Co., Cal. NE 38th Ave. and Linden St.
 Two-story frame 32-room apartment house.
 Architect—Frank Caracciolo.
 Contractor—California Builders' Co., 1534 Franklin St., Oakland.

Steel Bids In—Concrete Bids to be Taken Next Week.
APARTMENTS Cost, \$100,000
SAN FRANCISCO. SW Geary and Jones Streets.
 Six-story and basement (Class C steel and reinforced concrete store and apartment house (35 2 and 3-room apartments and 4 stores).
 Owner—S. & G. Gump Realty Co.
 Architect—Milton Latham, 432 Montgomery St., San Francisco.

Contract Awarded. Cost, \$88,000
APARTMENTS
OAKLAND, Cal. NE 8th St and Park Blvd.
 Four-story Class C apartments.
 Owner—D. P. Kallistras, 435 E 18th St., Oakland.
 Architect—Not given.
 Contractor—Geo. A. Williams, 357 12th St., Oakland.

To Be Done by Day's Work.
APARTMENTS Cost, \$10,000
SAN FRANCISCO. N Geary 82 E 26th Ave.
 Three-story and basement frame (1) apartments and stores.
 Owner—Thos. Hamill, 6119 Geary St., San Francisco.
 Architect—J. J. Foley, 770 5th Ave., San Francisco.

Contract Awarded. Cost, \$15,000
APARTMENTS
OAKLAND, Cal. SE Alleen and Boyer.
 Two-story frame 16-room apartments and one-story tile garage.
 Owner—Aldred and Italia Newman, 2310 San Jose Ave., Alameda.
 Architect—Not given.
 Contractor—Thos. Rutherford, 355 35th St., Oakland.

Plans Being Figured.
APARTMENTS Cost, \$—
SAN FRANCISCO. S Market — W. Noe.
 Three-story frame and plaster apartment house (9 2 and 3-room apts. and 1 store).
 Owner—Winthel.
 Architect—A. W. Burgren, 110 Sutter St., San Francisco.

Contract Awarded. Cost, \$13,500
APARTMENTS
SAN FRANCISCO. W Howard 177-6 N 23rd.
 Three-story and basement frame (6) apartments.
 Owner—Elizabeth E. Williams, 2636 Howard St., San Francisco.
 Architect—Williams & Wood, 2636 Howard St., San Francisco.

Plans Being Figured. Cost, \$18,000
APARTMENTS
SAN FRANCISCO. Green St. bet Jones and Leavenworth Sts.
 Three-story frame and stucco apartment house (4 3 and 5-room apts.).
 Owner—Harry Bateman.
 Architect—Meyer & Johnson, 742 Market St., San Francisco.
 Figures are being taken for a general contract, plumbing, heating and painting.

LONG BEACH, L. A. Co., Cal.—Arch. Thornton Fitzhugh, Will W. Teal, assec., 401 W. Ave. 50, Long Beach, have prepared preliminary plans, which have been approved, for the erection

of a \$1,400,000, 12-sto., 100x205 ft., Class A de luxe own-your-own-apt. building at northwest Linden Ave. and Ocean Blvd., Long Beach, for the Cooper Arms Building Co. Directors are: Nelson McComb, pres. Cal. Natl. Bank; W. G. Blatt, vice-pres. Security Tr. & Sav. Bank; Geo. E. Workman, Frank Wall, F. C. Waterbury and L. V. C. represent own the site. Working plans and constr. will follow the return of a research committee from the East.

BANKS

Contract Awarded. Cost, \$2,500,000
BANK
SEATTLE, Wash. Third Ave. (New York Block site).
 Twelve-story Class A office and bank building.
 Owner—Dexter Horton Estate (represented by Chas. E. Horton), Seattle, Wash.
 Architect—John Graham, Seattle.
 Contractor—Puget Sound Bridge & Dredging Co., Central Bldg., Seattle.

Sub-Figures Being Taken—Marble
Contract Awarded. Cost, \$750,000
BANK
LONG BEACH, L. A. Co., Cal. Third St. and Pine Ave.
 Ten-story Class A bank and office building.
 Owner—Farmers and Merchants' Bank.
 Architect—Alec, Curlett & Claid Beelman, 408 Union Bank Bldg., Los Angeles.

Marble and tile work awarded to Westselbe Marble & Tile Co., H. W. Hillman Bldg., Los Angeles, at \$80,000.

Figures are now being taken for plumbing, wiring, heating and ventilating.

Plans Being Prepared. Cost, \$35,000
BANK
OAKLAND, Alameda Co., Cal. 40th St. and San Pablo Ave.
 One-story reinforced concrete branch bank.
 Owner—American National Bank.
 Architect—Edward T. Foulkes, Crocker Bldg., San Francisco.

TERRA BELLA, Tulare Co., Cal.—T. M. Gronen, president of the First National Bank of Terra Bella, together with J. W. Eridge, late of Blair & Co.'s State Bank of Helmsville, Montana, and others, have organized the "Home Bank of Porterville" and will erect a modern bank building on a site yet to be selected.

BONDS

PITTSBURG, Contra Costa Co., Cal.—Election will be held Aug. 8 in Excelsior School District to vote bonds of \$5000 to finance school improvements. Trustees of district are: Helen A. Richardson, M. A. Mikkelsen and W. D. Sullivan.

RIVERSIDE, Sacramento Co., Cal.—Election will be held Aug. 9 in Riverside School District to vote bonds of \$7500 for school improvements. Trustees of district are: Andrew Anderson, George H. Smith and Mary Baldochi.

SOUTH PASADENA, Cal.—An election will be held Aug. 1, to vote on a \$40,000 bond issue for sewage disposal plant, sewer system and necessary equipment. A \$100,000 public park issue will be voted on at the same time.

Cal Bonds of \$197,000 to purchase site and erect new school were voted at recent election in Mountain View Union High School district and plan has been taken on a 20-acre site facing the highway.

SOUTH PASADENA, Cal.—Security Trust and Savings Bank, Los Angeles, has purchased the \$370,000 water bonds, voted a year ago, to purchase and improve existing plant.

LAKEFORD, Lake Co., Cal. Bonds of \$60,000 to improve and extend water system and \$10,000 to extend sewer system have been voted. Plans for the improvements are being completed by City Eng. John Felleman.

MERCED, Merced Co., Cal. City Trustees will call election to vote bonds of \$70,000 for sewer improvements and \$17,500 for park and municipal ground improvements. C. D. Martin, city eng.

MARTINEZ, Contra Costa Co., Cal.—Until Aug. 7 bids will be rec. by County Supervisors for purchase of \$10,000 bond issue of San Pablo School District. Proceeds of sale to finance school improvements.

SACRAMENTO, Cal.—Until July 31 bids will be rec. by County Supervisors for purchase of following school bond issues: Elder Creek District, \$20,000; Roberts District, \$9000; Sacramento City District, \$100,000. Proceeds of sale in each instance to finance school improvements.

YUBA CITY, Sutter Co., Cal. Election will be held Aug. 8 to vote bonds of \$50,000 to const. sewer system. Edw. von Geldern, city eng.

MADERA, Madera Co., Cal.—Until Aug. 7, bids will be received by the Supervisors for the purchase of \$16,000 bond issue of Fairmead School District. Proceeds of sale to finance school improvements.

CHURCHES

Contract Awarded. Cost, \$12,000
CHURCH
MODESTO, Stanislaus Co., Cal. SE 11th and H Sts.
 Frame and stucco church 50x75.
 Owner—First Church of Christ, Scientist, Modesto, Cal.
 Architect—Not stated.
 Contractor—Randolph & Ward, Modesto, Cal.

Contract Awarded. Cost, \$14,250
ALTERATIONS
SAN FRANCISCO. SE Seventh and Cleveland Sts.
 Remodel church.
 Owner—Greek Community Church.
 Architects—J. H. Flowers and John H. Ahnden, 460 Montgomery St., San Francisco.
 Contractor—Wm. Martin, 180 Jessie St., San Francisco.

LOS ANGELES, Cal.—The Wessels-Marble Co., H. W. Hillman Bldg., Los Angeles, have been awarded a contract for the construction of a mausoleum at Forest Lawn Memorial Cemetery. Contract price of \$75,000. The American Marble Co. of San Francisco will furnish the marble. T. Patterson Ross, 310 California St., San Francisco, is the architect.

FACTORIES & WAREHOUSES

Low Bidder.
LOFT BLDG. Cost, \$—
SAN FRANCISCO. Folsom, St. near
Second St.
Two-story reinforced concrete loft
building, 150x137-6.
Owner—Louis R. Lurie.
Architect—O'Brien Bros., 240 Montgom-
ery St., San Francisco.
Low Bidder—John Spargo, 240 Mont-
gomery St., San Francisco.

To Be Done by Day's Work.
FACTORY. Cost, \$13,000.
SAN FRANCISCO. SE Howard and
Summer Sts.
Two-story brick manufacturing plant.
Owner—Samuel Schell, 180 Jessie St.,
San Francisco.
Architect—Not given.

Contract Awarded.
LOFTS. Cost, \$17,000.
SAN FRANCISCO. SE Howard and
Hawthorne.
Three-story and basement reinforced
concrete loft.
Owner—R. W. Kinney Co., 536 How-
ard St., San Francisco.
Architect—Not given.
Contractor—H. P. Hoyt, Monadnock
Bldg., San Francisco.

Plans Being Prepared.
WAREHOUSES. Cost, \$—
LONG BEACH, L. A. Co., Cal. S Ana-
heim Road.
Fireproof warehouses and yard equip-
ment.
Owner—Crane Co.
Architect—W. Horace Austin, 222 First
Nat'l. Bank Bldg., Los Angeles.

Plans Being Figured.
LOFT BLDG. Cost, \$—
LOS ANGELES, Cal. Broadway near
Sixth St.
Six-story and basement Class A loft
building.
Owner—South Broadway Building Co.
Architect—Edwin Bergstrom, 1123 Cit-
izens' Nat'l. Bank Bldg., Los An-
geles.

Structural steel awarded to Baker Iron
Works.

WAREHOUSE. Cost, \$—
LOS ANGELES, Ca. Fourth and Ala-
meda Sts.
Five-story reinforced concrete ware-
house, 30x230.
Owner—Bekins Fireproof Storage Co.
Engineer—Edw. T. Flaherty, 435 E.
W. Hellman Bldg., Los Angeles.

Contract Awarded.
FACTORY, ETC. Cost, \$200,000.
OAKLAND, Alameda Co., Cal. E-14th
and 54th Streets.
One and two-story brick and steel fac-
tory and service shop building.
Owner—General Electric Co.
Architect—Engineering Dept. of Owner.
Contractor—Foundation Co., Holbrook
Bldg., San Francisco.

Contract Awarded.
LOFT BLDG. Cost, \$37,500.
SAN FRANCISCO. Folsom St. near
Second St.
Two-story reinforced concrete loft
building, 150x137-6.
Owner—Louis R. Lurie.
Architect—O'Brien Bros., 240 Montgom-
ery St., San Francisco.
Contractor—John Spargo, 240 Mont-
gomery St., San Francisco.

Being Done by Day's Work.
FREIGHT STATION. Cost, \$11,000.
STOCKTON, San Joaquin Co., Cal. East
Market Street.
Freight station.
Owner—Western Pacific Railway Co.
Architect—Owner.

Building Permit Granted.
ADDITION. Cost, \$500.
SANTA ROSA, Sonoma Co., Cal. Fourth
and Davis Sts.
Reinforced concrete addition to laun-
dry, 10x123 ft.
Owner—Pioneer Laundry Co., D. E.
Mack, Prop., Santa Rosa.
Architect—Not stated.

Plans Being Figured.
ICE PLANT. Cost, \$130,000.
SAN BERNARDINO, San Bernardino
Co., Cal. Third St. west of 1 St.
Four-story reinforced concrete ice
storage plant, 60x115.
Owner—Southern California Ice Co.
Architect—H. E. Jones, 495 Katz Bldg.,
Los Angeles.

LINDSAY, Tulare Co., Cal.—Geo. W.
Abel of the Big Fertilizer Co. is con-
fering with Lindsay Chamber of Com-
merce, A. M. Robertson, secty., regard-
ing the establishment of a \$20,000 fer-
tilizing plant in this city.

TRANQUILITY, Fresno Co., Cal.—
Jos. F. Ryan of Illinois (stopping at the
Sequoia Hotel, Fresno) will construct
daily plant at Tranquility costing
more than \$500,000. A contract for a
12-ton ice plant has already been
awarded.

ELY, Nevada.—The Nevada Consoli-
dated Copper Co. announces it will re-
build the McGill concentrator, recently
destroyed by fire. The work will in-
volve an expenditure of \$1,500,000.

LOS ANGELES, Los Angeles Co., Cal.
—Pacific Coast Borax Co. plans to erect
a \$1,000,000 plant on a ten-ft. deep
east basin at harbor, formerly occupied
by the Chardler Shipbuilding Co. C.
R. Zabriskie of New York, president of
the company, will be here August 6 to
make arrangements. The output of
Death Valley deposits will be handled
at this point.

FLATS

Contract Awarded.
FLATS. Cost, \$10,000.
SAN FRANCISCO. E. Noe 271-6 N 17th
St.
Two-story and basement frame (2)
flats.

Owner—John F. Spitzer.
Architect—W. H. Armistead, Call Bldg.,
San Francisco.
Contractor—Dahlberg Bros., 122 Buena
Vista, Cal.

Contract Awarded.
FLAT BLDG. Cost, \$9000 each.
SAN FRANCISCO. W. Mason 22 and 43
S Pacific St.

Two two-story and basement frame
flat buildings (2 flats each).
Owner—E. Giovannetti, 180 Jessie St.,
San Francisco.
Architect—None.
Contractor—Del Favero & Rasori, 180
Jessie St., San Francisco.

Contracts Awarded.
FLATS. Cost, \$21,500.
SAN FRANCISCO. W. 14th Ave. 131-3
N Fulton St.
Two-story and basement frame (2)
flats.

Owner—Milton C. Smith.
Architect—Sidney B. and Noble New-
son, Nevada Bank Bldg., San
Francisco.

Carpentry work to M. C. Ingraham,
165 Fell St., \$11,919.

Electrical work to Crescent Elec. Co.,
245 9th St., \$48.

Tile work to Rigney Tile Co., 2148 Tel-
egraph Ave., Oakland, \$438.

Painting to Neal Co., 514 Hayes St.,
\$83.

Hardwood floor to Royal Floor Co.,
190 Jessie St., \$731.

Plumbing, plastering, etc., being fig-
ured.

Plans Being Prepared.
FLATS. Cost, \$18,000.

SAN MATEO, San Mateo Co., Cal.
Two-story frame and plaster apart-
ment and flat building (2 5-room
flats and 1 3-room apartment).
Owner—W. A. and Frank Bain, San
Mateo.

Architect—Chas. E. J. Rogers, Phelan
Bldg., San Francisco.
Figures will be taken by the owners.

Plans Being Figured.
FLATS. Cost, \$14,000.

SAN FRANCISCO. Filbert near Hyde.
Two-story frame and stucco Spanish
design flat building (2 flats, 3
rooms each), separate garage.

Owner—John Chidzola.
Architect—Miss Ida F. McCain, 318
Kearny St., San Francisco.
Exterior Finish, cement plaster;
Floors, hardwood; Heating, Arcoia
system; Interior Finish, hardwood;
Plumbing, automatic, hot water heat-
ers; Roof, tar, gravel and tile; Tile,
glazed; Wall beds.

Contract Awarded.
FLATS. Cost, \$15,000.
OAKLAND, Cal. W 52nd St 56 W
Grove.
Two-story frame 14-room flat building.
Owner—Dr. J. I. Wickerson, 1551 8th
St., Oakland.
Architect—Not given.
Contractor—A. J. Yerrick, 5255 College
Ave., Oakland.

GOVERNMENT WORK AND SUPPLIES

SEATTLE, Wash.—Until July 24, un-
der Circular 579, bids will be rec. by
Alaskan Engineering Commission,
Bell St. Terminal, Seattle, for fur and
del. electrical equipment and Bosch
Magneto parts and lighting system.
Copies of Circular on file in San Fran-
cisco office of Commission, 306 Custom-
house.

WASHINGTON, D. C.—Bids are be-
ing rec. by Bureau of Supplies and
Accounts, Navy Department, for fur,
and del. materials to Navy Yards, un-
der following schedules, date for open-
ing bids as noted at end of each para-
graph:

Schedule 9611, Eastern and Western
yards, large quantities of bar steel;
Aug. 1.

Sched. 9612, for Mare Island and Pug-
get Sound, \$4,350 lbs. sheet steel and
9000 lbs. do; Aug. 1.

Sched. 9613, Eastern and Western
yards, large quantities of plate steel;
Aug. 1.

Sched. 9614, Eastern and Western
yards, large quantities of steel shapes;
Aug. 1.

Sched. 9645, Eastern and Western
yards, 105 hand drills, 62 soldering
irons, side-cutting pliers, 605 gasoline
torches, 1050 pipe wrenches, 114 doz.
files, and 9 chain blocks; Aug. 1.

Sched. 43, Eastern and Western
yards, miscellaneous magnesia pipe
covering; Aug. 8.

Sched. 44, Mare Island, 100,000 lbs.
venetian iron; Aug. 8.

Sched. 50, Mare Island, 30 cane ship
fenders; Aug. 8.

Sched. 51, various yards, 13,800 ft.
lighting and power wire, 11,000 ft. do,
1200 ft. cable, 23,500 ft. incandescent
lamp cord, and 2500 ft. lighting and
power wire; Aug. 8.

Sched. 52, various yards, 44,000 ft.
bell wire, 36,500 ft. do, \$3,600 ft. do,
double-conductor wire, 171,000 ft. do, 4300
ft. lighting and power wire, 3000 ft. do,
3600 ft. do, 19,000 ft. do, 40,000 ft. do,
1900 ft. interior communicating cable,
and 2500 ft. single-conductor ignition
cable; opening of Aug. 8.

WASHINGTON, D. C.—Bids will be
received until August 23, 1922, at 11
a. m., by the Bureau of Yards and
Docks, Navy Department, for a rein-
forced concrete quay wall, etc., at
Pearl Harbor, Hawaii, under Spec. No.
4591. See call for bids under official
proposals.

SAN FRANCISCO.—Until July 28,
10:30 a. m., bids will be rec. by Panama
Canal Commission under Circular 2236,
for fur and del. free of all charges,
Balboa, Pacific Port, corrugated roof-
ing, copper rivets, brass flush pipes,
hasps, rubber balls (flush tank), oars,
leather belting, chamois skins, diamond
cutters and redwood lumber, etc.

PORTLAND, Ore.—Until Aug. 21, 11
a. m., bids will be rec. by U. S. Engi-
neer Office, 2nd Dist., Portland, Ore.,
for 80 all-steel pontoon catamarans.
Further information on request.

HALLS AND SOCIETY BUILDINGS

Plans Being Figured—Bids Close July 22, 1922, 12 noon.

LODGE BLDG. Cost, \$40,000 to \$50,000
SAN FRANCISCO. NW Clay and Grant Ave.

Extensive alterations to 4-story brick lodge buildings: marble work, plumbing, painting, electrical work, etc.

Owner—Yuen Benevolent Assn
Architect—Albert Schroepfer, Nevada Bank Bldg., San Francisco.

Bids will be received at the office of the Great Pacific Co., 322 Battery St. Plans may be obtained from the architect. The official proposal appears in this issue.

Plans Being Figured—Bids Close: July 22, 1922, 11 a.m.

LODGE BLDG. ETC. Cost, \$50,000
VALLEJO. Solano Co., Cal. Georgia and Main Sts.

Three-story brick and hollow tile bank and lodge building.

Owner—L. O. F. Rogers, Phelan Bldg., San Francisco.

TAFT, Kern Co., Cal.—Taft Natatorium and Amusement Co., headed by E. S. Edwards, incorporated with a capital stock of \$50,000 and proposes to construct a natatorium and other amusement structures in this city.

HOSPITALS

Contract Awarded.

ADDITION Cost, \$15,000
SAN FRANCISCO. NE Geary and Wood Sts.

Two-story reinforced concrete addition to hospital.

Owner—Home of Incurables, Geary and Wood Sts., San Francisco.

Architect—Not given.
Contractor—T. E. Donovan, 1477 6th Ave., San Francisco.

AHWAHNEE, Madera Co., Cal.—Brown & Stafford, Madera, at \$43,525, awarded contract by Tri-County Tuberculosis Hospital Committee to construct hospital addition; nurses' home addition; 10-bed unit; vocational building and dairy barn at Ahwahnee Sanitarium. Other bids: West Coast Constr. Co., San Francisco, \$49,660; W. A. Stevens & Son, Modesto, \$46,000; J. G. Leibert, San Francisco, \$41,415.

AHWAHNEE, Madera Co., Cal.—Victor X-Ray Corporation, Chicago, Ill., at \$56,450 awarded contract by Tri-County Tuberculosis Hospital Committee, Ahwahnee Sanitarium, for fur and del. one Victor-Burdick De Luxe model quartz lamp, air cooled; and one Victor-Burdick De Luxe model quartz lamp, water cooled, for local treatment, with accessories.

HOTELS

Sketches Being Prepared.

HOTEL Cost, \$300,000
ABERDEEN, Washington.

Four-story brick and terra cotta, 300-room hotel, 100x100.

Owner—Washington Hotel Co., C. A. Morick, president, Aberdeen, Wash.

Architect—A. H. Albertson, Henry Bldg., Seattle.

Completing Plans.

HOTEL Cost, \$1,000,000
FRESNO. Fresno Co., Cal. Kern St. and Van Ness Avenue.

Eight-story reinforced concrete hotel building (10 stories on the first floor).

Owner—Sun-Maid Hotel Cpts.
Architect & Mgr. of Constr.—R. L. Felchin, Bank of Italy Bldg., Fresno.

Construction work will begin about August 1, according to the Sun-Maid Hotel Corp., owner. The \$400,000 bond issue has been purchased by the Los Angeles Trust & Savings Bank, and First Securities Co. The lease has

been taken by H. W. Lake and Albert Rettens, proprietors of Hotel Fresno, Hotel Sacramento and the Bret Harte Hotel in Grass Valley.

Contract Awarded.

HOTEL Cost, \$145,000
GALLUP, New Mexico.

Two-story and basement reinforced concrete addition to hotel, 148x49, with wing 34x38.

Owner—Santa Fe Railway Co.
Architect—Engineering Department of owner.

Contractor—Sommer-Scollett Co., El Paso, Texas.

Contract Awarded.

HOTEL Cost, \$200,000
LOS ANGELES, Cal. Loomis St. and Orange Ave.

Four and five-story brick, reinforced concrete and steel hotel building, 60x100 (130 rooms).

Owner—H. M. Steele.
Architect and Contractor—Luther T. Mayo, 531 Black Bldg., Los Angeles.

Plans Being Figured.

HOTEL Cost, \$—
SAN PEDRO, L. A. Co., Cal. Sixth and Center Sts.

Three-story Class C brick store and hotel building, 80x122, 60 rooms.

Owner—Lazard Lippmann.
Architect—Walker & Elsen, 325 Pacific Finance Bldg., Los Angeles.

Plans Being Figured.

HOTEL Cost, \$200,000
LOS ANGELES, Cal. Sixth and Boylston Sts.

Four-story and basement Class C hotel building, 150x162 (165 rooms).

Owner—Salvian Army.
Architect—Edwin Bergstrom, Citizens National Bank Bldg., Los Angeles.

POWER PLANTS

SANTA BARBARA, Santa Barbara Co., Cal.—Edison Co. will build about 16 mi. of power lines bet. Santa Barbara and the Ventura hills. Est. cost of proposed 3-wire, 60,000-volt line, with steel towers, \$175,000. It is planned to complete before rainy season.

PUBLIC BUILDINGS

Plans Being Figured—Bids Close Aug. 22, 1922, 12 noon.

BUILDINGS Cost, \$—
WHITTIER, L. A. Co., Cal.

Two 2-story Class A buildings, to be known as Buildings 21 and 24.

Owner—State of California.

Architect—Geo. B. McDougall, Forum Bldg., Sacramento.

Figures are being taken for a general contract. See call for bids under official proposals.

Plans Being Figured—Bids Close Aug. 22, 1922, 12 noon.

CLASS A BLDGS. Cost, \$—
SACRAMENTO, Cal. Capitol Grounds for Library and Court and Office Buildings.

Plumbing, heating system, ventilating system and electrical work for Class A buildings.

Owner—State of California.

Architects—Weeks & Day, Phelan Bldg., San Francisco, and Cal. Fruit Bldg., Sacramento.

Bids are being received separately for the four branches of the work known as "Mechanical Equipment." Plans may be obtained from the Division of Architecture, State Department of Public Works, Forum Bldg., Sacramento, on a deposit of \$25 each. See call for bids under official proposals.

LONG BEACH, L. A. Co., Cal.—City Manager Hewes, under authorization of City Council, is in charge of the obtaining of design for the proposed \$1,000,000 auditorium. The Chamber of Commerce has submitted drawings collected from many cities. The project will be financed by a bond election to be held later.

SAN MARINO, L. A. Co., Cal.—Bayin & Burch Co., 173 E. Jefferson St., Los Angeles, was the low bidder for erecting municipal buildings at San Marino. Huddleston & Munsell, Douglas Bldg., Los Angeles, archts. Wm. Smith was low bidder at \$1385 for cast stone work. The bids were: General

Contract—Bayin & Burch Co. (a) main bldg. and east wing, \$48,942; (b) main bldg. only, \$38,000; (c) jail, yard walls and garage, \$10,911; (d) garage and yard walls only, \$7012. Bids taken under advisement. Main bldg. will be 2-story, and basement, 26x68 ft.; east wing, 1-sto. and basement, 36x69 ft., with conc. construction, stucco exterior, steel roof trusses, orn. iron, Terrazzo floors, oak and pine trim, gas furnace, water heater, vault.

LONG BEACH, L. A. Co., Cal.—Until 9:30 a.m., July 25, bids will be rec. by City Manager Hewes, Long Beach, for completing the interior of the Long Beach City Hall. W. Horace Austin, 222 First St., Long Bldg., Long Beach archt. \$200,000 available. Work will include finish cement surface of four floors and basement; hollow tile partitions, heating, plumbing, painting and wiring. Elevators and cell equipment will be let under separate contract later.

SAN JOSE, Santa Clara Co., Cal.—Time set to open bids for furnishing and installing metal furniture in the County Offices has been extended from July 17 to August 7. H. A. M. by the County Surveyors, Henry A. Pfister, County Clerk.

OKDALE, Stanislaus Co., Cal.—City Trustees reject bids to const. fire house and will erect structure by day labor.

RESIDENCES

Contract Awarded.

RESIDENCE Cost, \$13,198
LODI, San Joaquin Co., Cal. Schroeder & Tracy, Lots 25 and 27.

Frame residence.

Owner—Jos. K. Newfield, 111 N. Rose St., Lodi.

Contractor—H. H. Henning, Lodi.

Contract Awarded.

RESIDENCE Cost, \$15,600
PALO ALTO, San Joaquin Co., Cal. Stanford Jr. University.

Two-story frame residence.

Owner—Joseph Standiford Davis, Stanford University, Palo Alto.

Architect—Birge M. Clark, Stanford University, Palo Alto.
Contractor—E. M. Walters and E. T. Grove, Monadnock Bldg., San Francisco.

Contract Awarded.

DWELLING Cost, \$12,000
OAKLAND, Cal. S. Clarendon Crescent 600 W. Ashmount.

Two-story 9-room frame dwelling.

Owner—H. M. Atkinson, Chapman and Derby, Oakland.

Architect—Not given.

Contractor—McWethy & Greenleaf, 1512 Broadway, Oakland.

Contract Awarded.

RESIDENCE Cost, \$10,451
OAKLAND, Cal. Corner El Dorado and Lassen St.

Two-story frame residence and garage.

Owner—Mrs. Susie M. Light.

Architect—Reed & Corlett, Oakland Bank Bldg., Oakland.

Contractor—A. Cederberg, 1445 Excelsior Ave., Oakland.

Being Done by Days Work and Sub-Contracts.

RESIDENCE Cost, \$—
WHITTIER, Mendocino Co., Cal. Eden Valley about 22 miles from Whittier.

One-story reinforced concrete residence (30 rooms).

Owner—W. G. Henshaw.

Architect—Sid. B. & Noble Newsom, Nevada Bank Bldg., San Francisco.

Plumbing awarded to Carl T. Doell, 467 21st St., Oakland, at \$3000.

Heating to Carl T. Doell, \$1500.

Reinforcing steel to Gus Carle, 444 Market St., San Francisco.

Low Bidder
RESIDENCE Cost, \$12,500
OAKLAND, Cal. Benvenue Ave.
Two-story frame and plaster residence.
Owner—McQuicken.
Architect—Chas. W. McCall, Central
Bank Bldg., Oakland
Low Bidder—W. M. Smith, Federal
Realty Bldg., Oakland.

Plans Being Prepared—Owner to Take
Figures Next Week.

RESIDENCE Cost, \$30,000
LOS ALTOS, Santa Clara Co., Cal.
Two-story frame, plaster and concrete
residence (about 10 rooms, 4 bath-
rooms and garage).
Owner—Dr. M. L. Smith, Los Altos.
Architect—Chas. E. J. Rogers, Phelan
Bldg., San Francisco.

To Be Done by Day's Work.

BURLINGAME, San Mateo Co., Cal.
One-story frame bungalow.
Owner—H. J. Hughes.
Architect—Chas. E. J. Rodgers, Phelan
Bldg., San Francisco.

Contract Awarded.

DWELLING Cost, \$13,500
RICHMOND, Contra Costa Co., Cal. S.
Bertritt between 13th and 14th.
One-story frame dwelling.
Owner—W. B. Crane, SW 6th and
Chandler, Richmond.
Architect—Not given.
Contractor—E. Anderson, 2030
Roosevelt Ave., Richmond.

Plans being prepared—Figures to Be
Taken in Two Weeks.

RESIDENCE Cost, \$16,600
SAN FRANCISCO, Miramar Ave.
One and one-half story frame and
plaster residence (9 rooms and 2
bathrooms).
Owner—Mr. Teleton.

Architect—Miss Ida F. McCain, 318
Kearny St. San Francisco.

Exterior Finish, cement plaster;
Floors, hardwood; Heating, hot air or
water; Interior Finish oak; Plumbing,
automatic hot water heater; Roof, tile;
Tile, glazed.

Plans Being Figured.

RESIDENCE Cost, \$—
OAKLAND, Cal. Lakeshore Highlands.
Two-story frame and plaster residence.
Owner—R. H. Merrill.
Architect—W. E. Schirmer, Thayer
Bldg., Oakland.

Contract Awarded.

RESIDENCE Cost, \$31,425
SAN MATEO, Cal. E Third Ave. Home-
stead adj. to Sar. Mateo.
Two-story frame residence.
Owner—Louis A. Bovet, Homestead,
San Mateo.
Architect—T. M. Edwards, 833 Market
St., San Francisco.
Contractor—Leonard Dioguardi, Dum-
barton Ave., Redwood City.

SCHOOLS

TAFT, Kern Co., Cal.—Bids were re-
ceived as follows on July 15 by the
Board of Trustees of the Conley School
District, in Taft, for the construction
of a one-story 5-room brick Element-
ary School and a one-story garage.
Plans were prepared by Coates & Tre-
vant and Frewitt & Shields Co. of
Fresno. (a) school; (b) garage; (c)
total:

Anton Johnson, Kingsburg, Cal. (a)
\$69,000; (b) \$13,000; (c) \$82,000.
Barkley & Goidt, Tulare, Cal. (a)
\$67,567; (b) \$16,200; (c) \$83,778.

W. J. Ochs, Fresno, Cal. (a) \$67,600;
(b) \$16,500; (c) \$84,100.

Frederickson, Shafter, Fresno, Cal. (a)
\$68,753; (b) \$16,837; (c) \$85,590.
Currie & Dulgner, Bakersfield, Cal.,
(a) \$69,900; (b) \$17,594; (c) \$87,494.

Vicelle & Vicelle, Taft, Cal. (a) \$73,
561; (b) \$16,000; (c) \$89,561.

Contract awarded to Anton Johnson,
Kingsburg.

MANTECA, San Joaquin Co., Cal.—
The following bids were received on
July 17 by the Board of Trustees of the
Manteca Union High School District
for the construction of a one-
story frame and plaster Home Economics
Building for the High School. Plans

were prepared by Architects Davis-Hel-
ler-Pearce company, Delta Building,
Stockton. The contract will be awarded
to Brown & Stafford of Madera, in-
cluding the alternate bid which is an
addition for the equipment.
Brown & Stafford, Madera, \$12,954; \$1798
Ralph Start, Manteca, \$13,717; \$2483.
T. W. Baysinger, \$13,717; \$1765.
Shepherd & Riley, Stockton, \$13,854;
\$2135.

R. W. Miller, San Francisco, \$14,575.

Plans Being Figured—Bids Close Aug.

2, 1922, at 7:30 p.m.

SCHOOL Cost, \$140,000

STOCKTON, San Joaquin Co., Cal. Bur-

kett Acres.

Class C 13-room and assembly hall
school (Theo. Roosevelt School)
(corridors to be of Class A con-
struction).

Owner—City of Stockton.

Bids are being taken for a general
Architect—Franklyn E. Warner, Beld-
ing Bldg., Stockton.

Contract with separate bids for the
heating and ventilating.

Plans may be obtained from the
architect's office.

Plans Being Figured—Bids Close July

31, 1922, 2 p.m.

SCHOOL Cost, \$—

FULLERTON, Cal.

One-story reinforced concrete school,

45x130.

Owner—Fullerton Union High School

District.

Architect—Carleton M. Winslow, Van

Nuys Bldg., Los Angeles.

Bids will be taken separately on en-
gineering, electric wiring, and for heat-
ing, plumbing and ventilating.

Plans Being Figured.

ADDITION Cost, \$—

STOCKTON, San Joaquin Co., Cal.

North School.

Addition to School.

Owner—Stockton Board of Education.

Architects—Davis-Heller-Pearce Co.,

Delta Bldg., Stockton.

Plans Being Prepared.

SCHOOL Cost, \$85,000

BERKELEY, Alameda Co., Cal. Corner

Kittredge St. and Harold Way.

Two-story reinforced concrete school

building.

Owner—Armstrong School for Private

Secretaries.

Architect—W. H. Ratcliff Jr., 1st Na-
tional Bank Bldg., Berkeley.

Contract Awarded.

SCHOOL BLDG. Cost, \$8325

REDWOOD CITY, San Mateo Co., Cal.

Remodel and complete manual training

building.

Owner—Sequoia Union High School

District.

Architect—Coffey & Werner, Humboldt

Bank Bldg., San Francisco.

Contractor—Chas. Haggans, Madrone.

Plans Being Prepared.

SCHOOL BLDGS Cost, \$450,000

SANTA BARBARA, Santa Barbara Co.,

Cal. Granada Tract at E. Car-

rillo and Quarantina St.

High School buildings.

Owner—Santa Barbara High School

District.

Architects—Weeks, Sauter & Lockard,

San Marcos Bldg., Santa Barbara.

Plans Being Figured—Bids Close July

23, 1922, 4 p.m.

SCHOOL Cost, \$50,000 and \$160,000

respectively.

CHILROY, Santa Clara Co., Cal.

One-story 6-room frame and stucco

Junior High School and a 14-room

frame and stucco Elementary

School.

Owner—Gilroy School District.

Architects—Wyckoff & White, Growers

Bank Bldg., San Jose.

Figures are being taken for a gen-
eral contract, with separate bids for
the plumbing and heating. Plans may
be obtained from the architect on or
after July 23. The heating plans may
be obtained from Leland & Haley, en-
gineers, Holbrook Bldg., San Francisco.
See call for bids under official propo-
sals in this issue.

Figures to Be Taken Shortly.

COLLEGE Cost, \$—

LOS ANGELES, Cal. Vermont Ave. nr.

Melrose Ave.

Two-story frame and brick veneer col-
lege building (Physics, Laboratory,
Lecture Room and Radio Room).
Owner—Southern Branch of University
of California.
Architect—Allison & Allison, 1405 Hi-
bernia Bldg., Los Angeles.

LOS ANGELES, Cal.—The following
bids were received by the Los Angeles
Board of Education for painting the
Roosevelt High School: Morgan Mc-
Carthy Paint Co., 338 N. Western Ave.,
\$5000; D. Zelinsky & Son, \$9845; A.
Quandt & Son, \$10,675; A. Arenz-
Warren Co., \$11,500; Alhambra Wall Paper
& Paint Co., \$12,750. Hunt & Burns are
the architects.

WHITTIER, Los Angeles Co., Cal.—
The following bids were received by
the Trustees of Whittier School Dis-
trict for painting new school building:
E. F. Emry, Whittier, \$6200; Alhambra
Wall Paper & Paint Co., \$1800; A.
Quandt & Son, \$6237; D. Zelinsky &
Son, \$6200; R. E. Swan, \$8480; G. C.
Hewitt, \$7400; R. Zelinsky, \$7500;
Arenz-Warren Co., \$7400. Contract
will probably be awarded to E. F.
Emry. With bid received for several al-
ternates, making contract price \$5581.
John C. Austin, 1125 Baker-Detwiler
Bldg., Los Angeles, Architect.

CHICO, Butte Co., Cal.—Board of Edu-
cation, Chas. H. Camper, sec'y., rejects
bid rec. to install lockers in school
buildings and new bids have been
asked.

SUTTER, Sutter Co., Cal.—Until
July 25, 10 a.m., bids will be rec. by
Franklin D. White, clerk, Brittan School
District, to install fixtures in Brittan
School, as follows: (1) 2 toilets, seat
acting, with \$24 concealed galvanized
pressure tanks and with wash down
bowls, all connection; (2) 1 Standard
P 64506 W. E. Wash sink with 3 one-
half compression nickel plated bibbs
and flanges; (3) 2 Standard Plate L
4100 Steel Urinals with 25 gallon urinal
tanks with automatic fittings neces-
sary to connect same to urinals; (4) 2
drinking fountains Pilgrim Plate G.
215, 30 in. high, Pacific catalogue; (5)
4 still cocks to be placed at places
designated, running 1-in. galv. pipe to
same. All fixtures to be trapped,
vented, etc., and connected to sewer.
Spec. may be had from clerk.

LIVE OAK, Sutter Co., Cal.—Until
Aug. 7, 7 p.m., bids will be rec. by E.
R. Hauck, clerk Live Oak Grammar
School District, to construct brick veneer
grammar school. Est. cost \$45,000. W.
H. Weeks, architect, 209 First St., San
Francisco. See call for bids under of-
ficial proposal section in this issue.

LOS BANOS, Merced Co., Cal.—Univer-
sity Apparatus Co., 2229 McGee St.,
Berkeley, \$13,500 awarded contract
by West Side Union High School Dis-
trict to furnish one University Duplex Gas
Plant, 10,000 cu. ft. capacity, with 5
12-ft. carburetors; 700 gal. underground
tank, 14-hp. motor and automatic
self-holing air unit.

ONTARIO, Cal.—F. W. Edwards, Ont-
ario, awarded general contr. at \$65,-
000.64 for remodeling of high school
bldg. at Ontario. Harwood Hewitt,
1130 Van Nuys Bldg., archt. Other con-
tracts awarded were: Plumbing to O.
L. Cassidy, Pomona, a \$1000; heating
to William Radiator Co. at \$246.20;
and wiring to Newbery Electric Corp.
at \$251. Eight class rms., domestic
science department and auditorium;
brick constr., p.s., exter., comp. rf.,
pine trim, maple fls.

LONG BEACH, L. A. Co., Cal.—Until
8 p.m., Monday, July 31, bids will be
rec. by Secty. G. L. Hayward, Long Beach
Board of Education, 514 Long Beach Tr. &
Sav. Bank Bldg., First St. and Pine
Ave., Long Beach, for furnishing equip-
ment, fixtures and supplies to the value
of \$200,000 for service in schools now
under construction. Bids will be taken
on lighting fixtures, desks, maps,
globes, chairs, tables, curtains, lockers,
gymnasium and library equipment,
typewriters and other material.

BLK HILLS. Kern Co., Cal.—Until July 28, 11 a.m., bids will be rec. by F. R. Telf, clerk Elk Hills School District, to const. one-story frame addition to school, Orville L. Clark, Brower Bldg., Bakersfield, architect.

ARBUCKLE. Colusa Co., Cal.—Until July 31, 1:30 p.m., bids will be rec. by T. H. Mumma, clerk Johns Elementary School District, to const. new school building. Cert. check 10% payable to Board of Trustees of Dist. rec. Plans on file in office of County Supt. of Schools at Colusa.

STANFORD. Santa Clara Co., Cal.—Election will be held Aug. 1 in Stanford School District to vote direct tax of \$200 for school improvement. Trustees of District are: Mrs. E. P. Lesley, W. M. Proctor and S. D. Townley.

MARVSVILLE. Yuba Co., Cal.—I. C. Evans, Marysville, at \$4078 awarded contract by Board of Education to const. additional wing to Primary School.

WALNUT GROVE. Sacramento Co., Cal.—S. H. Wurtsbaugh, Ryde, Cal., at \$1390 awarded contract by Walnut Grove School Dist. to finish one cloak room and class room in Oriental School. G. W. Kopp, 1514 15th St., Sacramento, bid \$1400. R. A. Herold, Forum Bldg., Sacramento, architect.

CHICO. Butte Co., Cal.—Until Aug. 2, 5 p.m., bids will be rec. by Chas. H. Camper, secty. Board of Education, for fur. and del. school desks, teachers' chairs and desks, Vienna chairs, etc. See call for bids under official proposal section in this issue.

STOCKTON. San Joaquin Co., Cal.—Until Aug. 2, 7:30 p.m., bids will be rec. by Ansel S. Williams, secty. Board of Education, to const. Theodore Roosevelt School and heating plant. Franklin Warner, architect, Belding Bldg., Stockton. See call for bids under official proposal section in this issue.

FRESNO. Fresno Co., Cal.—J. B. Hart, 945 San Pablo St., Fresno, at \$21,739 awarded contract by the Fresno Board of Education to constr. the gymnasium building at high school building; bidding \$18,394 for building and \$3345 for plumbing. Other bidders were: Martin Constr. Co., \$19,337; Miller & Wyatt, \$19,506; Fisher & McNulty, \$19,764, all Fresno bidders. E. A. Newman Co., Fresno, bid \$4171 for plumbing. Coates & Traver, Rowell Bldg., Fresno, Architects.

SAN FRANCISCO.—City Architect John Reid Jr. has been instructed by Board of Public Works to prepare estimates of costs to construct additions to Mission High School and for single and double portable school buildings to be erected in various sections of the city.

ORANGE. Orange Co., Cal.—R. E. Swan, Builders Exchange, Los Angeles, was low bidder at \$3960 for painting new school building at Orange. Allison & Allison, 1405 Hibernal Bldg., Los Angeles, architects. Other bids were: Conkey & McBride, \$4720; Arenz-Warren Co., \$4750; Wornell & Drawbaugh, \$4830; Alhambra Wall Paper & Paint Co., \$5600; A. Quandt & Son, \$5940. Bids taken under advisement.

SACRAMENTO. Cal.—Until Aug. 14, 5 p.m., bids will be rec. by Chas. C. Hughes, secty. Board of Education, for fur. and install. window shades in David Lubin, Leland Stanford, Bret Harte and Sierra Schools. See call for bids under official proposal section in this issue.

PALO ALTO. Santa Clara Co., Cal.—Until Aug. 3, 7:30 p.m., bids will be rec. by A. C. Barker, secty. Board of Education, 595 Channing Ave., Palo Alto, for plumbing alterations in intermediate school. See call for bids under official proposal section in this issue.

CHOWCHILLA. Madera Co., Cal.—H. E. Carter, Chowchilla, at approx. \$15,000 awarded contr. to rebuild Wilson Grammar School, recently destroyed by fire.

BERKELEY. Alameda Co., Cal.—Until Aug. 1, 4 p.m., bids will be received by Clyde Blanchard, Secretary Board of Education, 2133 Allston Way, for alterations and additions to the Le Conte School at Ellsworth and Russell Sts., Wm. C. Hays, Architect, First National Bank Bldg., San Francisco. See call for bids under official proposal section in this issue.

LOS ALTOS. Santa Clara Co., Cal.—The Board of Trustees of the Los Altos Grammar School District received the following bids on July 17, for the construction of a frame and stucco addition to the present school building. Plans were prepared by Architect W. H. Weeks, 369 Pine St., San Francisco. Bids were taken under advisement until July 21.

General Contract

(Alternate bid for tile roof).
Palo Alto Engineering & Construction Co., Palo Alto, \$49,816; add \$4262.
Cobby & Owsley, S. F., \$53,800; \$4000.
R. W. Moller, S. F., \$55,411; \$4332.
Larsen & Seigrist, \$56,180; \$3200.
Stockholm & Sons, S. F., \$64,384; \$4000.

Heating and Ventilating

Scott Co., San Francisco, \$7920
Christiansen & Anderson, Palo Alto, \$562
J. E. O'Mara, S. F., \$747

Electrical Work

M. E. Ryan, Christie Bldg., S. F., \$2931
R. W. Moller, San Francisco, \$250
Stanford Elec. Co., Palo Alto, \$3763
Wiedersheim, San Francisco
D. N. & E. Walter & Co., 562 Mission St., San Francisco, \$684
R. W. Moller, \$750
W. & J. Sloane, S. F., \$750
Robinson & Sons Co., \$910

Blackboards

F. W. Westworth & Co., composition, \$446, slate, \$—
Rucker-Fuller Desk Co., S. F., comp. \$575; slate, \$305.
R. W. Moller, comp. \$600; slate, \$325.

CHICO. Butte Co., Cal.—E. J. Lauterio, Chico, at \$2044 awarded contr. by Board of Education to repair and tint two Oakdale schools. L. Van Vlack, Chico, at \$4375 awarded contract to repair First Street School.

STOCKTON. San Joaquin Co., Cal.—Two bids were received on July 14 by the Board of Education of the City of Stockton for remodeling the Grant School from plans prepared by Architect Franklyn E. Warner, Belding Bldg., Stockton:
Stockton Plumbing & Supply Co., 314 E. Miner St., Stockton, \$5778.
Ed Gnekow, \$5313.

The contract will be awarded to the lowest bidder.

GRASS VALLEY. Nevada Co., Cal.—Until Aug. 21, 3 p.m., bids will be received by A. B. Champion, Clerk, Grass Valley High School District, for furnishing and installing steel lockers in the new high school. Wm. Mooser and Horace E. Simpson, Associate Architects, Nevada Bank Bldg., San Francisco. See call for bids under official proposal section in this issue.

A. E. Leitch Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1110 SECOND ST., SACRAMENTO

Phone Main 726

STOCKTON. San Joaquin Co., Cal.—Until Aug. 2, 7:30 p.m., bids will be rec. by Ansel S. Williams, secty. Board of Education, to const. annex and heating plant for North School. Davis-Heller-Pearce Co., Delta Bldg., Stockton, architects. See call for bids under official proposal section in this issue.

OAKLAND. Cal.—The Oakland Board of Education received one bid on July 17th for moving portable school buildings. The bid was from John R. Faulkes at \$2459.

FRESNO. Fresno Co., Cal.—Until Aug. 1, 8:30 p.m., bids will be rec. by J. A. Poytress, secty. Washington Union High School District, to const. two frame classroom buildings. Swartz & Ryland, architects, Rowell Bldg., Fresno. See call for bids under official proposal section in this issue.

STORES AND OFFICES

Contract Awarded. Cost, \$26,206
BERKELEY. Alameda Co., Cal. Telegraph Ave. and Channing Way. One-story reinforced concrete store building (7 stores).
Owner—Berkeley Leasing & Realty Co. Architect—W. H. Ratcliff Jr., 1st National Bank Bldg., Berkeley.
Contractor—David Nordstrom, 4146 Emerald Ave., Berkeley.

Plans Being Prepared—Steel Contract to Be Awarded.
OAKLAND. Cal. Thirteenth and Franklin Sts.
Nine and 19-story Class A office and publishing plant building.
Owner—City Building Co.
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.
Dyer Bros., 17th and Kansas St., San Francisco, submitted the lowest bid for the steel.

Plans Being Prepared.
OFFICE BLDG. Cost, \$—
REDWOOD CITY. San Mateo Co., Cal. Broadway and Hamilton Sts.
One-story reinforced concrete Class C office building.
Owner—California Pacific Title Insurance Co.
Architect—G. Albert Lansburgh, 140 Montgomery St., San Francisco.

Plans Complete.
ALTERATIONS. Cost, \$9500
SAN FRANCISCO. S. Market 125 W. Fourth.
Construct show windows, extend mezzanine floor (steel frame and reinforced concrete floor).
Owner—Sidney Kahn & C. Rosenberg.
Architect—Bernard J. Joseph, Room 512, Cal. Bldg., San Francisco.

Permit Applied For.
STORES. Cost, \$15,000
SAN FRANCISCO. SW Market and Fourth Sts.
Divide into five or more stores (terra cotta partitions, etc.)
Owner—I. Neubauer, G. Brenner and I. Rosenberg.
Architect—Not given.

Plans Being Completed—Steel Contract Awarded.
STORE. Cost, \$—
LOS ANGELES. Cal. Seventh St. and Grand Ave.
Ten-story and basement Class A addition to department store building, 60x330.
Owner—J. W. Robinson Co.
Architect—Dodd & Richards, Brack-Shops Bldg., Los Angeles.
Llewellyn Iron Works, Los Angeles, has been awarded the structural steel contract.

Permit Applied For.
STORES. Cost, \$50,000
SAN FRANCISCO. N Geary 147-6 E Taylor.
Five-story, and basement reinforced concrete stores and offices.
Owner—A. F. Rousseau.
Architect—David Coleman, 110 Sutter St., San Francisco.
(Continued on Page 20)

Official Proposals

BIDS WANTED FOR PLUMBING AND DRAINAGE SYSTEMS FOR SACRAMENTO STATE BUILDINGS

NOTICE TO CONTRACTORS

SEALED BIDS will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to and including 12 o'clock, Noon, Tuesday August 29, 1922, said bids then and there to be publicly opened and read for furnishing all plant, materials and doing the work required for the complete PLUMBING AND DRAINAGE SYSTEMS, for the SACRAMENTO STATE BUILDINGS, i. e., the Library and Courts Building and the Office Building, Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for Plumbing and Drainage Systems and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid must be enclosed with each bid.

A deposit of Twenty-Five (\$25.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

The Construction Work of said Sacramento State Buildings has been placed on a days labor basis and on said basis the said Plumbing and Drainage Systems as a sub-division of said construction, is to be let by contract.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Plumbing and Drainage Systems, Sacramento State Buildings, Sacramento, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

Geo. B. McDougall, State Architect,
A. B. FLETCHER,
Director of Public Works

BIDS WANTED FOR HEATING WORK FOR SACRAMENTO STATE BUILDINGS

NOTICE TO CONTRACTORS

SEALED BIDS will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to and including 12 o'clock, Noon, Tuesday August 29, 1922, said bids then and there to be publicly opened and read for furnishing all plant, materials and doing the work required for the complete HEATING WORK, for the SACRAMENTO STATE BUILDINGS, i. e., the Library and Courts Building and the Office Building, Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for Heating Work and must be submitted on forms prepared and furnished by said Division of Architecture.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid must be enclosed with each bid.

A deposit of Twenty-Five (\$25.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

The Construction work of said Sacramento State Buildings has been placed on a days labor basis and on said basis the said Heating Work as a sub-division of said construction, is to be let by contract.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Heating Work, Sacramento State Buildings, Sacramento, California." STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

Geo. B. McDougall, State Architect,
A. B. FLETCHER,
Director of Public Works.

BIDS WANTED FOR BUILDINGS 21 AND 24, AT WHITTIER STATE SCHOOL.

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, Chief, Division of Architecture, Forum Building, Sacramento, California, up to and including 12 o'clock, Noon, Tuesday, August 22, 1922, said bids then and there to be publicly opened and read, for furnishing all plant, materials and doing the work required for the erection and completion of Buildings 21 and 24 at the Whittier State School, Whittier, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Said bids will be received for all work complete, and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond, made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of Twenty-five (\$25.00) Dollars will be required on plans and

specifications, the deposit to be returned immediately on the return of plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any and all bids and to waive any informality in any bid received.

The construction work of said Buildings 21 and 24 has been placed on a days labor basis, and on said basis, the work herein referred to, as a sub-division of said construction, is to be let by contract.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Buildings 21 and 24, Whittier State School, Whittier, California."

STATE DEPARTMENT OF PUBLIC WORKS,

DIVISION OF ARCHITECTURE,

Geo. B. McDougall, State Architect,

A. B. Fletcher, Director of Public Works.

BIDS WANTED FOR ELECTRICAL WORK FOR SACRAMENTO STATE BUILDINGS

NOTICE TO CONTRACTORS

SEALED BIDS will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to and including 12 o'clock, Noon, Tuesday August 29, 1922, said bids then and there to be publicly opened and read for furnishing all plant, materials and doing the work required for the complete ELECTRICAL WORK, for the SACRAMENTO STATE BUILDINGS, i. e., the Library and Courts Building and the Office Building, Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for ELECTRICAL WORK and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid must be enclosed with each bid.

A deposit of Twenty-Five (\$25.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and to waive any informality in any bid received.

The Construction work of said Sacramento State Buildings has been placed on a days labor basis and on said basis the said Electrical Work as a sub-division of said construction, is to be let by contract.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Electrical Work, Sacramento State Buildings, Sacramento, California." STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

Geo. B. McDougall, State Architect,

A. B. Fletcher, Director of Public Works.

BIDS WANTED FOR VENTILATING WORK FOR SACRAMENTO STATE BUILDINGS

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to and including 12 o'clock, noon, Tuesday, August 29, 1922, said bids then and there to be publicly opened and read for furnishing all plant, materials and doing the work required for the complete VENTILATING WORK for the SACRAMENTO STATE BUILDINGS, 1. e., the Library and Courts Building and the Office Building, Sacramento, California, by advertisement, with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for VENTILATING WORK and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the State Engineer, Department of Public Works, in the sum of at least ten per centum (10%) of the amount of the bid must be enclosed with each bid.

A deposit of Twenty-Five (\$25.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition. The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

The construction work of said Sacramento State Buildings has been placed on a days labor basis and on said basis the said Ventilating Work as a sub-division of said construction, is to be let by contract.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope, "Proposal for Ventilating Work, Sacramento State Buildings, Sacramento, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

Geo. B. McDougall, State Architect

A. B. FLETCHER, Director of Public Works

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock, P. M., August 2, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Santa Clara County, between Carnadero Creek and Southerly boundary (IV-SC1-2-C), about four and three-tenths (4.3) miles in length, to be surfaced with asphalt concrete.

Los Angeles County, across San Gabriel River, near Azusa (VII-LA-9-4), a reinforced concrete girder bridge consisting of eight (8) 54-foot spans and one 31-foot approach span, with the necessary piers, bent, abutment, wing walls and bank protection.

Ventura County, between Lucerne Road and a point between the fourth (4) and fifth (5) mile markers (VII-VE-60-A), about three and three-tenths (3.3) miles in length, to be graded.

Plans may be seen and forms of proposal, bonds, contract and specifications may be obtained at the said offices of the Division Engineers at Los

Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willets, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form for proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL, D. WASHINGTON,

CLARENCE A. WHITMORE,

Geo. C. MANSFIELD,

California Highway Commission

AUSTIN B. FLETCHER,

State Highway Engineer.

R. A. MERRILL, Secretary

Dated July 17, 1922.

BIDS WANTED FOR QUAY WALLS AND PIER

NOTICE TO CONTRACTORS

SEALED Proposals, indorsed "Proposals for Quay Walls and Pier, Pearl Harbor, Hawaii, Specification No. 1591," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a.m., August 23, 1922, and then there publicly opened, for a reinforced concrete quay wall, approximately 68 feet wide and 109 feet long, extending from present foundation for dry dock ramp track to existing wharf, and reinforced concrete quay wall pier and bulkhead wall, comprising a prolongation of existing wharf, the quay wall approximately 100 feet wide and 175 feet long, the pier 50 feet wide and 364 feet long and the bulkhead wall 45 feet wide and 27 feet long. The work will include: precast reinforced concrete and wood piles, reinforced concrete and cylinder on wood piles, crane track foundations, reinforced concrete decks of beams, girders, floor slab and retaining wall, tender system, tracks, cleats, bits, chain, derrick and biling, and anchorage for existing wharf. Provision is made for the consideration of bids based upon alternative designs. Drawings and specifications No. 1591 may be obtained on application to the Bureau, to the Commandant, Navy Yard, Mare Island, Calif., or to the Commandant, Naval Operating Base, Pearl Harbor, T. H. Deposit of a check or postal money order for \$25.00 payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specifications. L. E. GREGORY, Chief of Bureau, June 5, 1922.

NOTICE TO CONTRACTORS

(Steel Tank and Tower)

SEALED BIDS will be received by the City of Dinuba, Tulare County, California, until eight o'clock, p.m., on July 28, 1922, and then opened, for all labor and materials required to construct a steel tank and tower for the Domestic System of the Dinuba Municipal Water Works.

Said labor must be performed and materials furnished and the construction of said steel tank and steel tower in strict accordance with the plans and specifications therefor, prepared by Chas. E. Sloan, City Engineer of said City, and adopted by the Board of Trustees as the plans and specifications for doing said work. Said plans and specifications are now on file in the office of the City Clerk of said City of Dinuba.

Bidders must use the official forms in submitting their proposals which may be secured from the office of Charles E. Sloan, Santa Fe Building, San Francisco.

Bids must be accompanied by a certified check for not less than amount of bid. Checks must be certified and made payable to the "CITY OF DINUBA."

The check is to be considered as a

guarantee that the bidder will enter into a contract, in accordance with the plans and specifications, with the City of Dinuba, to perform the work specified.

Bids should be addressed to C. T. Logan, City Clerk, Dinuba, California, and marked on the outside, "Proposals for Steel Tank and Tower."

Dated July 12, 1922.

C. T. LOGAN,

City Clerk.

BIDS WANTED FOR SCHOOL BUILDINGS

NOTICE TO BIDDERS AND CONTRACTORS

Separate sealed proposals are invited by the Board of Trustees of the Gilroy School District, in aid of the County of Santa Clara, for the erection, construction and completion of two school buildings in said school district, for the installation of a heating system therefor, for the installing of a plumbing system thereof, all in accordance with the plans and specifications filed with the Board of Trustees of said district, which said plans and specifications are on file in the office of the architects, Wyckoff & White, Grower Bank Bldg., San Jose, Calif.

Every proposal must be accompanied by each or a certified check payable to the Board of Trustees of said Gilroy School District, equal to five per cent of the amount of the proposal, conditioned that the contractor whose bid is accepted will within ten days enter into a contract and give a good and sufficient bond as required by law for the fulfillment of the same. Said contractors shall each furnish a good and sufficient surety bond issued by some reputable surety company to amount of 50 per cent of contract price, conditioned that said contractor will pay for all implements, labor, materials, supplies, machinery, plans, proponder, etc., in and about the work of construction specified in his contract and the plans and specifications accompanying the same, and that each of said contractors shall also furnish such a good and sufficient surety bond in the sum of twenty-five per cent of the contract price for the faithful performance of his contract in accordance with the plans and specifications accompanying the same, said bonds to be subject to the approval of the Board of Trustees of said School District.

In case of a failure on the part of the bidder to enter into the contract within the time hereinbefore specified, the amount of the deposit of such bidder will be forfeited to the said school district. Upon the execution of the contract and approval of the bonds, the deposit will be returned to the bidder. The deposit of persons other than the one to whom the award of contract is made will be returned to the persons making the proposal, immediately after the contract and bonds have been executed.

Bids will be received up to and including July 24, A. D. 1922, at 4 o'clock p.m., and must be addressed to H. L. Chesbro, City Clerk of the Board of Trustees of Gilroy School District, Gilroy, Cal., and endorsed, either

"Proposal for building of school buildings in and of Gilroy School District," or

"Proposal for installation of heating system in school buildings to be constructed in Gilroy School District," or

"Proposal for installation of plumbing system in school buildings to be constructed in Gilroy School District."

Said bids may be delivered in person to the Clerk of said Board.

Said bids and proposals will be opened by the Board of Trustees of said Board on the 21th day of July, A. D. 1922, at the public school house in and of said District in City of Gilroy, California.

The Board reserves the right to reject any and all bids and proposals. By order of the Board of Trustees, dated June 21, 1922.

H. L. CHESBRO,

Clerk of the Board of Trustees

C. R. WILSON,

Trustee.

A. W. COX,

Trustee.

As constituting the Board of Trustees of said Gilroy School District.

BIDS WANTED FOR ALTERATIONS TO FOUR-STORY BRICK BLDG.

NOTICE TO CONTRACTORS

Notice is hereby given that Soo Yuen Benevolent Association hereby calls for sealed proposals to be delivered to Great Pacific Company, 429 Battery Street, City and County of San Francisco, State of California, on or before twelve o'clock noon of July 26th, 1922, for furnishing labor and material and making all alterations, additions or repairs to that certain building belonging to said Association, according to Great Plans and Specifications, which are in the office of Albert Schroeffer, Nevada Bank Building, in said City and County, to which reference is hereby made.

Bids must be in sealed envelopes addressed to Great Pacific Company at the address hereinbefore given.

Bids will be opened by said Soo Yuen Benevolent Association, 429 Battery Street, at 2:00 P. M., on the 26th day of July, 1922.

Said Soo Yuen Benevolent Association reserves the right to reject any or all bids, or any or all items of such bids.

NOTICE TO CONTRACTORS

(Live Oak Grammar School)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Live Oak Grammar School District, County of Sutter, State of California, in the Live Oak Grammar School building in Live Oak at 7:00 P. M. of August 7, 1922, for the erection and completion of a Brick Veneer Grammar School Building to be erected in the Town of Live Oak, State of California, according to plans and specifications prepared for the same by W. H. Weeks, Architect.

Bids will be received on the General construction with its alternate proposals, together with separate bids on Heating System.

Plans and specifications may be seen at the office of W. H. Weeks, Architect, 369 Pine Street, San Francisco, Calif., or at the office of Mr. E. R. Hauck, Clerk of the Board of Trustees at Live Oak.

All bids should be presented on bid forms furnished by the Architect.

Each bid must be accompanied by a certified check on some responsible California bank in the sum of not less than Five (5) per cent of the amount bid, made payable to E. R. Hauck, Clerk of the Board of Trustees of the Live Oak Grammar School District, for the purposes stated in the specifications.

Each bid must be enclosed in a sealed envelope addressed to Mr. E. R. Hauck, Clerk of the Board of Trustees, and endorsed: "Proposal for Grammar School Building."

The Board of Trustees reserves the right to reject any and all bids.

Bids must be delivered to the undersigned, Clerk of the Board of Trustees, at the School House in said Town of Live Oak, at the time and place of meeting, above stated, or any time up to the hour of opening of said bids.

E. R. HAUCK,
Clerk of the Board of Trustees of the Live Oak Grammar School District, Live Oak, Sutter County, California.

NOTICE TO FURNITURE BIDDERS

(Chico School Furniture)

Pursuant to a resolution of the Board of Education of the City of Chico, adopted in adjourned regular session July 12, 1922, notice is hereby given that the said Board of Education will receive, up to the hour of 5 P. M. of August 2, 1922, proposals for prices at which bidders will furnish, for the City of Chico, the following articles of school furniture:

Four hundred school desks, automatic, standards triangular shaped steel tubing electrically welded. Book box pressed steel side and end of steel parts, gun metal enamel. Wood top, hard maple; cherry finish top, seat and backs.

Ten teachers' chairs, quartered oak, saddle seat, full box, revolving, no arms.

Four teachers' single pedestal desks, 42-in. closed back, 18-in. high, quartered oak, five ply built up. Quartered oak drawer fronts.

One hundred Vienna chairs, diameter

of seat 16 inches, to be equipped with two side braces. Also two continuous back braces with points of attachment not over four inches from the floor line. Said braces fastened to both front and back legs with screws. No ring brace will be considered. Finish, light golden oak rubbed.

Four hundred portable chairs, maple, natural finish, in sections of five, with curved back and seat, framed in slats, flush with frame, additional bracing flat to be placed near the bottom of the front leg of chair.

Bids may be filed up to the hour of 5 o'clock P. M. of August 2nd, 1922, and all proposals must be accompanied by a certified check in the amount of 5 per cent of the total bid, certified by some bank acceptable to the Board and dated within ten days from the date of the opening of the proposals, as a guarantee of the faithful execution of the contract for the furnishing of said furniture by the successful bidder. The successful bidder must deposit a check of any successful bidder to be forfeited to the Chico School District as liquidated damages in case such bidder fails to execute with the Board to enter into contract or to furnish bonds as herein required both within ten days after the award of the contract.

The Board reserves the right to reject any or all bids, or any part of any bid; also to purchase a number of articles of any one unit, or to purchase any number of articles different from the number specified of any unit called for.

At the time of entering into the contract, the contractor is to furnish a bond to the Chico School District in the sum of 50 per cent of the contract, conditioned upon the faithful performance of the contract, with sureties satisfactory to the Board of Education.

By order of the Board of Education of the Chico School District.

First publication, July 15, 1922.

CHAS. H. CAMPER,
Secretary.

NOTICE TO BIDDERS ON NEW THEODORE ROOSEVELT SCHOOL IN BURKETT ACRES

(Class C Thirteen-room School. Estimated Cost, \$140,000)

Notice to bidders is hereby given that bids on the new Theodore Roosevelt School and heating plant for the same, as per plans and specifications on file at the office of Architect Franklyn Warner, Belding Bldg., Stockton, Cal., will be opened on August 2d, 1922, at 7:30 P. M. at the office of the Board of Education, corner San Joaquin and Lindsay streets, Stockton, Cal.

A deposit of \$25 will be required for plans taken from the architect's office. A certified check for 10% of the amount bid must accompany said bid.

The Board of Education reserves the right to reject any or all bids.

Dated Stockton, Cal., July 15th, 1922
By order of the Board of Education.
By ANSEL S. WILLIAMS, Secretary.

NOTICE TO BIDDERS OF NORTH SCHOOL EIGHT-HOON ANNEX

Notice to bidders is hereby given that bids on the North School Annex and heating plant for the same, as per plans and specifications on file at the office of the Architects, Davis-Heller-Pearce Co., Delta Bldg., Stockton, Cal., will be opened on Wednesday, August 2d, 1922, at 7:30 P. M. at the office of the Board of Education, corner San Joaquin and Lindsay streets, Stockton, Cal.

A deposit of \$25 will be required for plans taken from the architect's office.

A certified check for 10% of the amount bid must accompany said bid.

The Board of Education reserves the right to reject any or all bids.

Dated, Stockton, Cal., July 15th, 1922.
By order of the Board of Education.
By ANSEL S. WILLIAMS, Secretary.

NOTICE TO PUMP, INTERNAL COMBUSTION ENGINE AND PIPE MANUFACTURERS.

Sealed proposals will be received at the office of the City Recorder, Condon, Oregon, up to 8 o'clock p.m. of Thursday, the 27th day of July, 1922, for furnishing the following: One (1) 10-h.p. internal machinery and pipe for the waterworks system as follows:

1. Two (2) 50 h. p. internal combus-

tion engines for direct connection to power pumps.

2. Two (2) vertical triplex single acting pumps, each of 150 gallons per minute capacity and to be operated against a head of 800 feet.

3. Approximately 21,500 lin. ft. of 8-in. metal water pipe for pumping main. Heads to vary from 0 to 800 feet. Alternate proposals will be considered on cast iron pipe, galvanized steel pipe with threaded couplings, Matheson joint pipe with National coating and electric arc-welded iron pipe with special couplings.

Bidders may submit proposals on one or more kinds of pipe, and the city reserves the right to award any portion of the material required to any bidder provided the quantity of pipe so contracted for shall not be less than a car load.

Specifications and bidding forms may be secured on application to the engineer. A separate form must be used for bids on each kind of pipe.

A certified check in a sum equal to five (5) per cent of the bid shall accompany each bidder's proposals.

The city reserves the right to reject any or all bids.

By order of the Common Council of the City of Condon, Oregon.

G. R. GAIN, Mayor.

JOHN STEPHENSON, City Recorder.

STEVENS & KOON,

Consulting Engineers,

Portland, Oregon.

NOTICE TO CONTRACTORS

(School Plumbing)

The Board of Education of the Palo Alto City School District and City of Palo Alto, County of Santa Clara, State of California, invites and will receive at its office, at 595 Channing Avenue, sealed proposals (endorsed on the outside of the envelope, "Proposals for Plumbing Alterations") up to 3:30 p.m. August 3, 1922, at which time and place the bids will be opened for plumbing alterations in the Intermediate School.

Plans and specifications and conditions may be had upon application to the Board of Education at 595 Channing Avenue.

The successful bidder must begin work within seven days after the award of the contract and must complete the work by September 16, 1922.

Each bidder should submit with his bid a certified check for one hundred dollars, payable to H. Borden, President of the Palo Alto Board of Education. The check will be forfeited to the Board of Education if the bidder to whom the contract is awarded fails to enter into the contract with the Board of Education on or before August 10, 1922.

The Board of Education reserves the right to reject any or all bids.

A. C. BARKER,
Secretary of the Board of Education, 595 Channing Avenue, Palo Alto, Calif.

NOTICE TO CONTRACTORS

(Grass Valley High School Steel Lockers)

Pursuant to an order made this 15th day of July, 1922, Notice is hereby given, by the Board of Trustees of the Grass Valley High School District, County of Nevada, State of California, that bids will be received by said Board, for the erection of certain work, as specified below for High School Buildings at Grass Valley, County of Nevada, State of California.

Plans and Specifications may be obtained from William Mooser and Horace G. Simpson, Associated Architects, Nevada Bank Bldg., San Francisco, California.

A deposit of Twenty Dollars (\$20) will be required for each set of plans and specifications.

Sealed bids will be received for furnishing steel lockers.

All bids will be opened by the said Board of Trustees on the 21st day of August, 1922, at 8 o'clock P. M. at the Public Library Bldg., at Grass Valley.

All bids must be submitted on forms prepared by the Architects, furnished on request by the Architects.

All bids must be sent or handed to the Clerk of said Board of Trustees

(Continued on Page 30)

Engineering News Section

BRIDGES, DAMS & HARBOR WORK

SANTA ROSA, Sonoma Co., Cal.—Until Aug. 15, 1:30 p.m., bids will be rec. by County Supervisors to const. bridge at Station 180+88 on Sebastopol-Free-stone highway, involve 60 cu. yds. rein-conc. Est. cost, \$1550. R. Press Smith, county eng.

SEATTLE, Wash.—R. C. Sample, structural eng., New York Book, has completed plans for two steel bridges to be built in British Columbia, one at Vancouver, over Coquitlam creek, involve 250 tons of steel, another at Revelstoke, involve 1,000 tons steel. Contract to construct let to John Coughlan & Sons, Ltd., Vancouver, B.C.

OAKLAND, Cal.—Until July 27, 12 M. bids will be rec. by E. K. Sturgis, city clerk, to const. conc. culvert, 6 ft. high, 8 ft. wide, in Richmond Ave., and a conc. taper culvert section, 8 ft. wide, 6 ft. high, 1911 Act. W. W. Harmon, city eng.

QUINCY, Plumas Co., Cal.—County Engineer A. J. Watson, preparing spec. for steel bridge over Middle Fork of Feather River at Portola and a conc. bridge over Thompson Creek in Plumas Road District.

SAN BERNARDINO, Cal.—Until 7:30 p.m., July 24, bids will be rec. by City Council to const. rein. conc. arch bridge on Arrowhead Ave. over Warm Creek. Plans and spec. on file with C. E. Johnston, city eng.; J. H. Osborn, clerk.

YUBA CITY, Sutter Co., Cal.—County Supervisors contemplate replacing condemned Bear River bridge at a cost of \$35,000. O. W. Lanzendorf, county eng.

PRESCOTT, Ariz.—A. W. Daniel, Tucson, awarded contr. by Supervisors at \$20,768 for const. 2 riveted steel girder bridge, 270 ft. long, across Oak Creek. Work will involve 100 cu. yds. conc., 10,000 lbs. rein. steel in place, 200 cu. yds. dry excav., 200 yds. wet excav., 30,000 ft. 2-in. M. lumber for bridge deck, 540 ft. 2-in. pipe railing, 56 tons steel superstructure. Other bids were: L. C. Lashmet, Albuquerque, \$26,750; Herbert J. Mann, Phoenix, \$29,770.

SANTA BARBARA, Santa Barbara Co., Cal.—No bids rec. by County Supervisors, July 11, to const. timber bridge 150 ft. long over San Antonio Creek 3 mi. west of Los Alamos.

SAN JOSE, Santa Clara Co., Cal.—Until Aug. 7, 11 a.m., bids will be rec. by Henry A. Pfister, county clerk, to const. rein. conc. bridge in Rincon Ave. over San Tomas Aquino Creek, Supervisor Dist. 4, and a rein. conc. bridge in Rincon Ave. over Stevens Creek in Supervisor Dist. 5. I. L. Ryder, county surveyor.

CALIFORNIA—Until Aug. 14, 2 p.m., bids will be rec. by State Highway Comm., Forum Bldg., Sacramento, to const. rein. conc. girder bridge, consisting of 18 54-ft. spans and one 31-ft. approach span, with necessary piers, bent, abutment wing walls and bank protection, in Los Angeles County, across San Gabriel River near Azusa, Austin B. Fletcher, State Highway Eng.

SACRAMENTO, Cal.—Until Aug. 7, 10 a.m., bids will be rec. by Harry W. Hall, county clerk, to reconstruct Benson Ferry bridge on Lower Stockton Rd. Est. cost, \$3000.

STOCKTON, San Joaquin Co., Cal.—Until Aug. 5, 10 a.m., bids will be rec. by Eugene D. Graham, county clerk, to const. nine rein. conc. bridges and culverts on Jack Tone Rd. and two rein. conc. bridges on McKinley Ave. F. E. Quail, county surveyor.

YUBA CITY, Sutter Co., Cal.—County Eng. O. W. Lanzendorf preparing spec. for six conc. bridges, each approx. 40 ft. in length, four to be constructed in the Nicolaus section, one in Supervisor Heiken's dist., and another in the Sutter City-Meridian section.

NAPA, Napa Co., Cal.—Until Aug. 8, 10 a.m., bids will be rec. by Jas. A. Daley, county clerk, for (1) Extension of 2 ft. 6-in. by 2 ft. reinforced box culvert on West Linn St.; (2) reinforced concrete box culvert 6x6 ft. on Congress Springs Rd.; (3) reinforced conc. deck for bridge, 12 ft., on Struve Rd.; (4) extension 2 ft. 3-in. by 4 ft. 6 in. reinforced box culvert on road leading from Union Station to Brown's Valley, Edw. P. Ball, county surveyor.

BISHOP, Inyo Co., Cal.—Milovich & Cornell awarded contr. by Supervisors at \$40670 (plus \$600 for piling) to const. bridge across Owens River near Aberdeen. Other bids were: J. N. Rodgers, \$4940, with piling at cost plus 10%; O. Adams, \$5347, plus \$397 for piling.

NAPA, Napa Co., Cal.—Geo. Lisher, Napa, at \$484 awarded contr. by Supervisors to const. conc. girder bridge over Napa River east of Oakville, Rd. Dist. 2.

SANTA BARBARA, Santa Barbara Co., Cal.—Board of Education will request Council to build a 350-ft. bridge across the barranca near the entrance to the new High School grounds at Carrillo St.

FUREKA, Humboldt Co., Cal.—Until Aug. 5, 10 a.m., bids will be rec. by Fred M. Kay, county clerk, to const. 3 steel bridges: 1 over Bluff Creek, 1 over Athens Creek, and 1 over State Creek, all on the north Klamath River in R1 Dist. 5. A. J. Logan, county surveyor.

VISALIA, Tulare Co., Cal.—County Supervisors award contr. to const. Fun-kin Holler bridge for a total of \$41,568.66. Contracts were awarded as follows: Brown & Taylor, Brea, Cal., for labor, \$24,412.75; Wisler & Johnson, Porterville, Cal., \$556.66 for hauling materials; materials to be furnished by county will cost \$14,346.81.

Engineers and Contractors PLEASE NOTE

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HOLBROOK, Ariz.—Orville Stanford awarded sub-contr. by Hunt, Stratton & Larson, gen. contr., to build conc. Jips, headwalls and bridges on project No. 1 of 15 mi. Holbrook-Winslow highway. On project No. 2 the same work was let to Frank Willis by Tanner Bros., who have the contract for this section.

SAN FRANCISCO.—The Board of State Harbor Commissioners received the following bids on July 20 for furnishing materials and constructing an extension to Pier No. 22 on the San Francisco waterfront. The contract was awarded to the Clinton Construction Co., 140 Townsend St.:
Clinton Construction Co. \$76,365
Healy-Thibbitts Constr. Co. 75,400
A. W. Kitchen Co. 76,673
Hannah Bros. 75,400
Thibbitts-Pacific Co. 79,793
S. F. Bridge Co. 89,000

IRRIGATION PROJECTS

KNIGHTSEN, Contra Costa Co., Cal.—Decision has been reached to organize the Brentwood Irrigation District to include all land now served by East Contra Costa Irrigation Co., not included in the Knightesen and Lone Tree districts. W. F. Woolly, chief eng. for the Knightesen Irrigation District, will prepare preliminary estimates for improvements proposed. Albert Picard, 519 California St., San Francisco, attorney for proposed district.

MARYSVILLE, Yuba Co., Cal.—The Red Clover Valley project, whereby water for irrigating the Honcut-Yuba Irrigation District would be secured in Plumas County and brought to the natural channels of the Feather River, with a diversion canal from the river near Pacific Heights, has been approved by the directors of the Honcut-Yuba Irrigation District. The plans were prepared by District Engineer V. T. McCray. The plan is yet to be approved by the California Bond Certification Commission and State Engineer W. P. McClure. Raymond A. Leonard, First Natl. Bank Bldg., Oroville, is attorney for the district.

LIGHTING SYSTEMS

FULLERTON, Cal.—Until 7:30 p.m., Aug. 1, bids will be rec. by City Trustees to const. ornamental lighting system, compl. in E. Maple St. bet. S. Spadra Rd. and 320 ft. east of Pomona Ave. 1911 Act and 1915 Bond Imp. Act. Ren F. Dupuy, city eng.

STOCKTON, San Joaquin Co., Cal.—Western States Gas and Electric Co., Channel and Sutter Sts. (Samuel Kahn, vice-president and general manager), will const. \$20,000 gas compression plant, Hazelton Ave. and Center St.

NEWPORT, Cal.—A. C. Rice, 1963 Santee St., Los Angeles, awarded contr. by City Trustees at \$10,206.76 to const. lighting system in Central Ave. bet. E and Cypress Sts., and in portions of other streets. Paul E. Kresaly, H. W. Hellman Bldg., eng.

SANTA MONICA, Cal.—Property owners have signed for the ornamental lighting system proposed for Washington Blvd. and Marine St.

MACHINERY

HILLSBOROUGH, San Mateo Co., Cal.—Messrs. Dunton, Merrill and Rooser, representing Brewer Association, composed of residents in the Brewer Tract, contemplate purchase of booster pump costing \$500.

SAN FRANCISCO—Western Pipe & Steel Co., 414 Market St., awarded contract by Great Western Power Co. to furnish and erect two steel tanks at the company's plant in the North Beach District.

CALIFORNIA.—The Golden Gate Ferry Co., Hobart Bldg., San Francisco, is authorized by the State Railroad Commission to expend, not in excess of \$23,000, of the proceeds obtained from a stock issue previously authorized, to pay the cost of building an additional ferry boat. The plans call for a companion vessel to the electric ferry boat now in service, and will have a capacity of 85 automobiles and 500 passengers.

SAN JOSE, Santa Clara Co., Cal.—Until Aug. 21, 1 a. m., bids will be rec. by Henry A. Pfister, county clerk, for, for use in Santa Clara County Hospital laundry building: One new 30-hp. Weston Hydro-Extractor belt driver, Vindanda type; one Troy Concrete-Convey 100-hp. iron belt driver. Spec. may be had from clerk.

PORTLAND, Ore.—Willamette Iron and Steel Co. awarded contract to const. 3000 to steel pipe, 9 ft. dia., per stocks and other equipment, to be used in const. 8½ mi. of conduit to supply water to new power plant on upper Clackamas River by Portland Railway, Light & Power Co. Contract runs in neighborhood of \$1,000,000. Cost of entire project, \$3,500,000.

CONDON, Ore.—Until July 27, 8 p. m., bids will be rec. by John Stewart, City Recorder, for fur. and del. pumps and engines for waterworks system. Stevens & Koon, Spalding Bldg., Portland, consulting eng. for project. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—Until July 25, 2:30 p. m., bids will be rec. by Henry E. Vogt, secy. Park Directors, Room 407, City Hall, for fur. and del. power driven lawn mowers. Bond of \$1000 req. of successful bidder. Spec. may be had from secy.

HANFORD, Kings Co., Cal.—Until July 31, 2 p. m., bids will be rec. by W. J. Webber, clerk, Hanford Central Grammar School District, to fur. and install a return pump in fan room of Hanford Central Grammar School. Cert. check 10% req. Spec. may be had from clerk, Hotel Artesia Bldg.

SAN FRANCISCO—Until July 31, 8:30 p. m., bids will be rec. by Frank T. Kennedy, secy. Fire Commission, basement City Hall, for drydocking and repainting the hulls and renewing the zinc plating on hulls of the fire boats "David Scannell" and "Pennis T. Sullivan." Spec. may be had from secy.

EUREKA, Humboldt Co., Cal.—Moore & Cook, 609 2d St., Eureka, at \$1155 is the awarded contract by County Council to fur. and del. 12,000 ft. 2-in. stand. black pipe, random lengths.

PORTLAND, Ore.—Until July 29, 1 p. m., bids will be rec. by Newell, Carter & Walsh, representing Powell Valley Water District No. 2, 822 Spalding Bldg., Portland, to construct water system consisting of approx. 12 miles of pipe line.

FIRE EQUIPMENT

CROCKETT, Contra Costa Co., Cal.—Bonds of \$3000 voted in Crockett-Corona Fire District to finance purchase of fire fighting equipment.

PLACERVILLE, El Dorado Co., Cal.—American L. Franco Co., at \$583, awarded contr. by City Trustees to fur. and del. one chemical comb. and hose body fire truck.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

CALIFORNIA.—Following are approximate quantities of materials required to complete projects for which State Highway Commission will open bids on July 31:

Colusa and Gutter Counties: Bet. Colusa and Long Bridge, 10.9 mi. to be paved with Port. cem. conc., involv. Item (1) 16,600 cu. yds. excavation without classification; (2) 3000 cu. yds. gravel or broken stone in subgrade; (3) 16,550 cu. yds. Class A Port. cem. conc. (pavement); (4) 55 cu. yd. Class A Port. cem. (culverts and manholes); (5) 302 lin. ft. 12-in. corr. metal pipe; (6) 310 lin. ft. 8-in. corr. metal pipe; (7) 230 lin. ft. 24-in. corr. metal pipe; (8) 3056 lin. ft. guard rail; (9) 80 monument. Alternative items: (10) 302 lin. ft. 12-in. corr. pipe; (11) 310 lin. ft. 15-in. corr. pipe; (12) 230 lin. ft. 24-in. corr. pipe. Alternative Items 10, 11, and 12 are to be considered as alternative for Items 5, 6 and 7.

Inyo County: Bet. Fish Springs School and SE cor. Sec. 33, T. 8S, R. 33E, M.D.B. & M. 117 mi. to be graded, involv. 75,000 cu. yds. excavation without classification; 250 cu. yds. Class A Port. cem. conc. (culverts and manholes); 1588 lin. ft. 12-in. corr. metal pipe; 15-in. corr. metal pipe; 60 lin. ft. 30-in. corr. metal pipe; 70 lin. ft. 36-in. corr. metal pipe; 25 mi. of grading and existing property fences; 400 lin. ft. guard rail; 85 monuments.

Kern County: Bet. Cottonwood Creek and First Crossing Kern River, 6.8 mi. to be graded, involv. 220,000 cu. yds. excavation without classification; 370 cu. yds. Class A Port. cem. conc. (culverts and manholes); 4700 cu. yds. rubble masonry retaining wall; 1500 cu. yds. rubble retaining wall; 60 lin. ft. 2-in. corr. metal pipe; 134 lin. ft. 30-in. corr. metal pipe; 220 lin. ft. guard rail; 116 monuments.

Madera County: Bet. Arleta School and Union Station, 0.8 mi. to be surfaced with asph. conc., involv. 1100 tons asph. conc.

MODESTO, Stanislaus Co., Cal.—Until July 26, 5 p. m., bids will be rec. by L. A. Love, city clerk, to imp. Sycamore Ave. bet. Stoddard and Lateral No. 4, of Modesto Irrigation District, involv. 37,528.33 sq. ft. grading; 34,822 sq. ft. 2-in. asph. conc. to be laid with 1½-in. Warrenite surface pavement; 25,860 sq. ft. gutter; 1921.81 lin. ft. curb; 132.50 lin. ft. headers; 6 No. 700 marble standards and foundations; 6 No. 104 G. E. globes; 6 G. E. hands and 6 acorns for same; 8 pull-in boxes; 991.20 lin. ft. 1-in. conduit; 120 lin. ft. 1-in. conduit; 3323.60 lin. ft. No. 10 R. C. wire; 2500 ft. cost, \$12,937.27. Geo. Freitas, city eng.

MODESTO, Stanislaus Co., Cal.—Until July 26, 5 p. m., bids will be rec. by L. A. Love, city clerk, to const. storm water sewers in District No. 1, involv. replacing of 12,520.48 sq. ft. pavement; 15,266.37 cu. yds. excavating (pavement to be removed and 12-in. vit. pipe for storm water inlets; 1263 lin. ft. 10-in. vit. pipe; 821 lin. ft. 12-in. vit. pipe; 2056.50 lin. ft. 18-in. corr. conc. pipe; 2576.25 lin. ft. 24-in. 18x25 asph. pipe; 2913.30 lin. ft. 30-in. corr. conc. pipe; 33 brick manholes; 1 special manhole; 26 cement conc. storm water inlets; 31 existing inlets to be connected with sewers; 6 manholes to be removed and replaced by 1921 lin. ft. existing 6-in. sewer. Est. cost, \$75,322.93. Geo. Freitas, city eng.

COQUILLE, Ore.—A. E. Gidley, Marshfield, Ore., at \$29,350 awarded contract to imp. water system, involv. 13,300 yds. earth and rock fill; 12 ac. of pipe, earth and grading; spillway wing, misc. piping, valves and appurtenances.

SAN GABRIEL, Cal.—Until 4 p. m., July 25, bids will be rec. by City Clerk, 114 Stouffer at City Hall, of Geo. S. Mason, Dr., for improvement of a portion of Mission Dr. bet. S. P. track and San Gabriel Blvd., involv. 100,000 sq. ft. 1½-in. macrad. 7500 ft. conc. curb and 45,000 sq. ft. conc. walk. Vrooman Act.

SANTA ROSA, Sonoma Co., Cal.—Until Aug. 15, 12 M., bids will be rec. by County Supervisors to const. Cazadero to Guerneville, 4000 ft. highway, Secs. 10 and 11, T. 22N. R. 10E, involv. 23,200 cu. yds. unclassified excavation; installing (furnished by county) 458 lin. ft. 12-in., 142 lin. ft. 15-in., 371 lin. ft. 18-in., 126 lin. ft. 21-in. and 357 lin. ft. 24-in. corr. iron pipe, 15,600 lbm. reduced for box culverts. R. Press Smith, county eng.

SAN JOSE, Santa Clara Co., Cal.—Until July 24, 5 p. m., bids will be rec. by J. L. Lynch, county clerk, for const. portions of 16th St., by reg. grading, paving with 1½-in. asph. conc. wearing surface on 3-in. asph. conc. base; conc. curb and gutter. Wm. Lopp, city eng.

SAN PABLO, Contra Costa Co., Cal.—Directors of San Pablo Sanitary District, 3 V. March, secy., declare intention to const. 6-in. vit. sewers in portions of lot 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

VALSALA, Tulare Co., Cal.—City Council declares intention to imp. portions of Northeast 2nd, Northwest 2nd, Northeast 3rd Aves., etc., involv. 229,729 sq. ft. 1-in. asph. conc. base with 1½-in. Warrenite surface paving; 4486 cu. yds. grading; 496 cu. yds. gravel; 1000 lin. ft. 12-in. corr. metal pipe; 8602 sq. ft. gutter; 1973 lin. ft. corr. iron culvert; 21 culvert manholes; 778 lin. ft. header boards; 2 catch basins; 1000 lin. ft. 8-in. vit. sewer pipe; 5 br. manholes. L. H. Gadsby, city eng.

SALEM, Ore.—Until July 25, bids will be rec. by State Highway Comm., Hobart Nunn, eng., Room 520 Multnomah County Courthouse, Portland, Ore., for highway projects as follows:

Baker County: Stices Gulch-Baker Section of the Baker-Unity Highway, 15.5 mi. grading, involv. 230,000 cu. yds. excavation.

Marion County: City of Jefferson Section of the Pacific Highway, 0.9 of a mi. of grading and paving, involv. 2000 cu. yds. of excavation and 8700 sq. yds. of conc. or bitum. paving.

Union County: Island City-Edin Section of the La Grande-Enterprise Highway, 18.1 mi. of broken stone and gravel surfacing, involv. 42,000 cu. yds. of surfacing materials.

Washington and Yamhill Counties: Newberg-Multnomah County Line Section of the West Side Highway, 15.7 mi. of pavement widening and resurfacing, involv. 158,000 sq. yds. average 2½-in. bitum. paving and 9000 sq. yds. of average 8-in. conc. paving.

Yamhill County: Paving, bridge paving and pavement repair on the West Side and Tillamook-McMinnville Highways in the vicinity of McMinnville, involv. approx. 1700 100-lb. batches of bitum. paving mixture.

On July 26 bids will be considered for the following projects:

Clackamas County: Oregon City-Canham Section of the Pacific Highway, 0.8 mi. of grading involv. 40,000 cu. yds. of excavation.

Clatsop and Columbia Counties: Astoria-Gold Beach Section of the Columbia River Highway, paving, approx. 2500 batches of bituminous mixture to be produced at Svensen.

Grant County: Cummins Creek-Valdes Ranch Section of the John Day River highway, 14.7 mi. of crushed gravel surfacing involv. 25,000 cu. yds. of surfacing materials.

Lake County: Drews Valley Section of the Klaskan Falls-Lakeview Highway, 8.8 mi. of grading and rock surfacing, involv. 56,000 cu. yds. of excavation and 20,000 cu. yds. of broken stone.

Willamette County: Lostine-Enterprise Section of the La Grande-Enterprise Highway, 7.9 mi. of grading and rock

surfacing, involy. 70,000 cu. yds. of excavation and 18,000 cu. yds. of broken stone.

LOS ANGELES, Cal.—Adam Layer, Grosse Bldg., awarded contr. by Board of Public Works at \$16,233.33 to grade and oil N. Lowell Ave. bet. 10th St. N. of Newton St. and Huntington Dr. north, involy. 155 sq. ft. conc. paving at 4 1/2 in., 48,433 sq. ft. rough grading, at 5c ft., 48,433 sq. ft. finish grading, at 5c ft., 48,433 sq. ft. curbs at 10c ft., 17,154 sq. ft. walk at 22c ft., 7,910 sq. ft. conc. gutter at 32c ft.

NAPA, Napa Co., Cal.—City Council, H. H. Thompson, clerk, declares inten. to constr. vit. drains on Elm St. bet. Franklin and pt. 435 ft. west, 19 and 8-in. dia., with one wye connection; 10-ft. manhole. 1911 Act and Protests July 31. H. A. Harrold, city eng.

MODESTO, Stanislaus Co., Cal.—City Council, L. A. Lave, clerk, declares inten. (No. 151) to imp. Commercial Way bet. 9th and 10th Sts. and bet. 11 and 12 Sts. by grading, paving with 2-in. asphalt and paving with 1-in. asphalt, conc. base with 2-in. Warrenite-bit. surface. 1911 Act and Bond Act 1915. Protests Aug. 9. Geo. Frothing, city eng.

SAN JOSE, Santa Clara Co., Cal.—Until July 24, 5 p.m., bids will be rec. by J. J. Lynch, city clerk, to imp. Orchard St. bet. Ballbach and Grand Sts. by regrading, paving with 2-in. asphalt, conc. surface on 1-in. asphalt conc. base; conc. curb and gutters; 5 br. catch basins with 8-in. vit. sewer connections. Wm. Popp, city eng.

SAN PABLO, Contra Costa Co., Cal.—Until July 25, 8 p.m., bids will be rec. by R. V. March, secy., San Pablo Sanitary District, to const. conc. curbs, gutters and paving with 1-in. asphalt on Chesley Ave. bet. York St. and S. P. right of way; br. and conc. manholes. 1911 Act, Ross L. Calfee, eng. 221 S. 22nd St., Richmond.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares inten. to imp. River St. bet. Park Ave. and Santa Clara St., by grading, paving with 3-in. bit. conc. base with 1 1/2-in. Warrenite-bit. surface; conc. curb, gutter and walks; 1 br. catch basin, 8-in. vit. pipe drain. Grant St. bet. Orchard and Grand Sts., by grading, paving with 3-in. bit. conc. base with 1 1/2-in. Warrenite-bit. surface; conc. curb, gutter and walks; 10 br. catch basins; 8-in. vit. pipe drains. Orchard St. bet. Willow and south city limits, by grading, paving with 3-in. bit. conc. base with 1 1/2-in. Warrenite-bit. surface; conc. curbs, gutters and walks; 6 br. catch basins; 8-in. vit. pipe drains. Wm. Popp, city eng.

LOS ANGELES, Cal.—Until 10 a.m., July 24, bids will be rec. by Board of Public Works to const. cem. pipe sewers in 82nd St. bet. San Pedro and Main Sts., involy. 2,145 ft. 12-in. pipe, 30 12x 1-in. pipes, 115 5 ft. 12-in. pipe, 15 wyes; 18,222 ft. 8-in. pipe, 676 8x6-in. wyes; 29,288 ft. 6-in. pipe, 6-in. bends; manholes. Vrooman Act.

BAKERSFIELD, Kern Co., Cal.—Until Aug. 2, 10 a.m., bids will be rec. by F. E. Smith, county clerk, to imp. portion of county road No. 162. Cert. check 100 payable to county rec. Spec. call in office of clerk.

FRESNO, Fresno Co., Cal.—Until Aug. 3, 3:30 p.m., bids will be rec. by R. Y. St. George, city clerk, to imp. alley in Block 533 bet. Clay and Grand San Joaquin Sts. by grading and paving with 6-in. cem. conc. 1911 Act. Wm. Stranahan, city eng.

SANTA BARBARA, Santa Barbara Co., Cal.—Until 5 p.m., July 27, bids will be rec. by City Council to imp. Grand Ave. bet. Moreno Rd. and Bonita Ave.; Bonita Ave. bet. Grand Ave. and Alameda; Padre Serra and Pedregon Sts. bet. Cleveland and Grand Aves., by grading, paving with 5-in. cem. conc., const. concrete walks, catch basins, rubble walls, 6-in. vit. pipe main sewer manholes, 6-in. vit. house sewer. 1911 Act. Geo. D. Jorissen, city eng.

VISALIA, Tulare Co., Cal.—Supervisors petitioned to imp. 5 mi. of road from town of Woodlake to Highway 99 with Exeter highway at Mineral King Ave., Visalia. Taken under advisement. Laurence Moye, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—Until Aug. 1, 11 a.m., bids will be rec. by Henry A. Pfister, clerk, to imp. Capital Ave. in Supervisor Districts 2 and 3. I. L. Ryder, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—Until July 24, 5 p.m., bids will be rec. by J. J. Lynch, city clerk, to imp. portions of 16th St. by regrading, paving with asphalt, conc. covering or wearing surface 1 1/2 in. (thick), laid on 3-in. asphalt conc. base; conc. curbs and gutters. Wm. Popp, city eng.

SACRAMENTO, Cal.—J. W. Terrell, 1111 29th St., awarded following contracts by City Council to imp. alleys bet. 39th and 40th, from manhole in R St. to pt. 265 ft. south; alley bet. 10th and 11th Sts., from manhole in R St. to pt. 210 ft. south; alley bet. 41st and 42nd from manhole in R St. to pt. 230 ft. south by const. sewer with 6-in. vit. wye branches; 6-in. flusher branches.

To imp. 5th St. from manhole in 12th Ave. to pt. 620 ft. south, by const. vit. sewer with 6-in. wyes; 1 conc. manhole. To imp. portions of R St., 11th, 14th and 48th Sts., and 5 alleys, by const. vit. sewers with wyes; conc. manholes, etc.

SAN JOSE, Santa Clara Co., Cal.—Raisch Imp. Co., 46 Kearny St., San Francisco, awarded contr. by Council to imp. Orchard St. bet. Ballbach and San Carlos asphalt conc. pavement, incl. 3-in. asphalt conc. base and grading, 28c sq. ft.; conc. curb, 70c lin. ft.; conc. gutter, 24c sq. ft.; br. catch basins, \$75; 8-in. vit. pipe drain, \$1.25 lin. ft. Raisch Imp. Co. awarded contr. to imp. 15th St. bet. San Carlos and Williams; asphalt conc. pavement with 7-in. asphalt conc. base, 24c sq. ft.; conc. curb, 70c lin. ft.; conc. gutter, 24c sq. ft.; br. catch basins, \$75; 8-in. vit. pipe drain, \$1.25; Wm. Popp, city eng.

OAKLAND, Cal.—City Council, E. K. Sturges, clerk, declares inten. (No. 2486) to const. 8-in. pipe sewer bet. at manhole in Hillside St., 30 ft. northwest of 88th Ave., to pt. 107 ft. northeast; vit. pipe manhole, wyes, etc. 1911 Act. Protests Aug. 2.

Inten. declared (No. 24370) to imp. portions of 36th Ave. bet. E. 14th and Foothill Blvd., by grading, const. conc. curbs and gutters, paving with oil macadam. 1911 Act. Protests Aug. 10. W. W. Harmon, city eng.

SAN JOSE, Santa Clara Co., Cal.—County Surveyor, L. Ryder, preparing spec. to imp. Cem. Ave. bet. Bird and Lincoln Aves. in Supervisor Dist. 4.

DINUBA, Tulare Co., Cal.—Until July 28, 8 p.m., bids will be rec. by C. E. T. Reardon, city clerk, to const. steel tank and tower for domestic system of Dinuba Municipal Water Works. Chas. E. Sloan, eng., Santa Fe Bldg., San Francisco. See call for bids under official proposal section in this issue.

SACRAMENTO, Cal.—County Supervisors order const. of two units of highway, one connecting Auburn Blvd. with the Sylvan School and Auburn Blvd. and another bet. the Auburn Blvd. and Antelope. The latter will be built in units and the first stretch of road will be 1 mi. in length. The link bet. the Auburn Blvd. and Greenback Lane will cost \$12,000; the other \$10,000; both of asphalt macadam construction.

GLENTALE, Cal.—Napier & Simpson, San Fernando, awarded contr. by City Trustees at \$17,067 for surfacing and oiling Thompson, Raymond and Irving Aves.

LOS ANGELES, Cal.—Fairchild-Gilmore-Wilton Co., L. A. Ry. Bldg., awarded contr. by Supervisors at \$23,500 for paving with 6-in. conc. and 2-in. asphalt. The surface on W. 10th St. bet. Indiana and Rowan Sts., 139 ft. in length, in Rd. Imp. Dist. No. 203

CALIFORNIA.—Until Aug. 14, 2 p.m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to surface with asphalt, conc. 4.3 mi. in Santa Clara County, bet. Canardero and south boundary in Ventura County, bet. Huene Road and pt. 3 1/4 mi. southeast, 3.3 mi. to be graded, Austin E. Fletcher, State highway eng.

SACRAMENTO, Cal.—Until July 27, 9 a.m., bids will be rec. by H. G. Denton, city clerk, to improve following streets:

Franklin Blvd. bet. Y and 4th Aves., by const. conc. curb and gutters; conc. drain with 6-in. vit. manhole connections; 6-in. vit. sewers; 3/4-in. and 2-in. water main connections; grading and paving with 5 1/2-in. asphalt.

Don Fernando Way bet. Y St. and pt. 120 ft. south, by const. conc. curbs and gutters; c. i. gutter drains with 6-in. vit. sewer connections; 6-in. vit. sewer service; 2-in. water main connections; grading, paving with 5 1/2-in. asphalt.

Larkin Way, bet. Freeport Blvd. and const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; extend 6-in. vit. sewer services; curb; const. 8-in. vit. sewer from manhole to Larkin Way at 29th St.; const. conc. manhole; reconstr. conc. manhole; 3/4-in. water main connections; grading, paving with 5 1/2-in. asphalt.

Stockton Blvd., bet. 31st and S. P. right-of-way and bet. with exception of way to end Aves.; const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; conc. manholes; const. vit. sewers; conc. walks. Albert Givan, city eng.

SACRAMENTO, Cal.—City Council, H. G. Denton, clerk, declares inten. to imp. T St. bet. 16th and 28th Sts., except intersections of 16th, 18th and 20th Sts., by placing conc. curb and gutter to grade; reconstr. manholes and paving with 2-in. asphalt.

Inten. declared to grade T St. bet. 16th and 28th Sts., with exception of street intersections, as noted above. Albert Givan, city eng.

LOS ANGELES, Cal.—Geo. H. Oswald, 366 E. 57th St., awarded contr. to imp. Supervisors at \$77,583.94 for paving with 6-in. conc. and 2-in. asphalt, conc. surface Whittier Blvd. bet. S. Rowan St. and Pasadena Ave., 4120 ft. in length, in Road Dist. No. 4.

PRINVILLE, Ore.—Until Aug. 2, 10 a.m., bids will be rec. by Asa W. Bartles, county clerk (Crook County), to const. 200 ft. of Class B. Portland Cement concrete, involy. clearing and grubbing, 18,889 yds. common excavation, 16,307 intermediate excavation, 7,884 solid rock, 5351 overhaul, 200 rip, 10,000 lumber and timber and a quantity of metal curbs which will be fur. by the county.

FILLMORE, Cal.—Until 7:30 p.m., July 25, bids will be rec. by City Trustees for improving the following streets under 1911 Act: Santa Clara St. bet. Central Ave. and A St.; const. conc. curbs, 15-in. cem. walks, 3-ft. gutters; work comprises 11,000 sq. ft. conc. paving.

Central Ave. bet. Sespe Ave. and Fillmore St. and portion of Blaine and Sespe Aves. and Main, First Clay and other streets, by grading, paving with 1 1/2-in. asphalt conc. wearing surface on 3/4-in. bitum. base; portions to be paved with 1 1/2-in. surface on 2 1/2-in. base; const. Class B curbs; work involves about 200,000 sq. ft. pavement. Edw. M. Lynch, Central Bldg., Los Angeles, eng.

MARTINEZ, Contra Costa Co., Cal.—Heafey, Moore & McNair, 2030 High St., Oakland, at \$10,563 awarded contr. by Supervisors to const. oil macadam road from Concord leading to Avon.

REDWOOD CITY, San Mateo Co., Cal.—Chambers & DeGolyer, Bacon Bldg., Oakland, at \$18,750 awarded contr. by City Trustees to const. portions of Brewster, Myrtle and Southgate Sts., and Opal Ave., etc., by const. 6 and 8-in. vit. sewers and 4-in. tile lateral sewers, br. manholes, etc.

OAKLAND, Cal.—Bids were received as follows by the Oakland Board of Education for building the tennis court, etc., at the Fremont High School.
Heafey, Moore & McNair.....\$575
Hutchinson Co......\$312

STOCKTON, San Joaquin Co., Cal.—Until Aug. 8, 10.30 a.m., bids will be rec. by A. L. Banks, city clerk, to imp. portions of North St., by grading; paving with 2½-in. cementing gravel base with 3-in. asphalt concrete base and 1½-in. asphalt concrete surface; conc. curbs, gutters and walks, etc. 1915 Bond Act. W. B. Hogan, city eng.

LOS ANGELES, Cal.—Fairchild-Gilmore-Wilton Co., L. A. Ry. Bldg., submitted low bid to Board of Public Works, at \$18,986 to pave Ninth St., bet. Boyle and Santa Fe Aves.

SALINAS, Monterey Co., Cal.—County Supervisors agree to provide funds in next budget to finance construction of a temporary bridge across the Big Sur River and to acquire rights-of-way for the construction of the first 3½ miles of the highway (scenic coast highway project) extending from the Big Sur. Howard Czeczens, county surveyor.

BAKERSFIELD, Kern Co., Cal.—City Council petition to imp. Kern St. bet. Jackson and Lake Sts., with 3½-in. asphalt concrete base with 1½-in. Warrenite surface. W. D. Clarke, city eng.

HOLBROOK, Ariz.—Until 2 p.m., Aug. 10, bids will be rec. by Thos. Maddock, State Eng. for the Arizona County Highway Comm. Holbrook to const. Holbrook-St. Johns highway (Federal Aid project No. 42), involv. 4000 cu. yds. excav., 58,000 cu. yds. borrow, 17,000 cu. yds. surfacing, 220 cu. yds. conc. Cert. check 5%.

REDDING, Shasta Co., Cal.—Hart Construction Co., Gerber, Cal., at \$16,176 awarded contract by City Trustees to const. 2½-in. concrete curb and gutter, Redding-Anderson Rd. from termination of present pavement in South Market St. to south city limits, incl. const. of 16-ft. bridge. Other bids: T. H. Chico, \$16,176; J. A. Costello, San Francisco, \$19,960.

PETALUMA, Sonoma Co., Cal.—City Eng. N. S. Frost preparing spec. for conc. pavement in East D. St. bet. 2nd and Howard and bet. Hopper and Wilson Sts. Work will be done in two sections.

RIVERSIDE, Cal.—Highway Committee of Chamber of Commerce has recommendation under way to pave four main roads into city. City Eng. Nafzgar and County Surveyor A. C. Fulmer were requested to confer on the city and county joint paving.

STOCKTON, San Joaquin Co., Cal.—Cy Moreing, Comm. Savings Bldg., Stockton, at \$102,849 awarded contr. by Council to improve Marsh St. and Alma Ave. const. of Court Alley and Alley to Fair Oaks Ave.; East Church St. East Hazelton Ave. and East Scotts Ave. from pt. 25 ft. east of Court Alley to Second St. East Taylor St. bet. McDonnell and Searchlight Aves.; McDonnell and Sharon Aves. bet. East Taylor and Fair Oaks Ave. by grading, const. comb. curb and gutters; conc. walks; east side of McDonnell Ave. opposite Block 22, by const. conc. walks; on west side McDonnell Ave. north 65 ft. of Lot 23 in Block 1, Searchlight Addition, by paving with 4-in. cementing gravel base with 2-in. asphalt macadam surface.

LOS ANGELES, Cal.—Geo. J. Bock, 7226 Regent St., Palms, awarded contr. by Supervisors at \$20,879.35 for paving with conc. Santa Monica Blvd. bet. Fairfax Ave. and Olive Dr., 3560 ft. ft., in Road Dist. 3.

EUREKA, Humboldt Co., Cal.—Merced-Fraser Co., Eureka, a \$313 cu. yd. awarded by Supervisors to grade gravel road from Samoa north along peninsula toward Arcata in Rd. Dist. 4. Approx. 3000 cu. yds. involved.

SACRAMENTO, Cal.—Until Aug. 7, 10 a.m., bids will be rec. by Harry W. Hall, county clerk, to const. asphalt macadam pavement on Auburn Boulevard-Antelope Rd. approx. 1 mi.; est. cost \$10,000; const. asphalt macadam pavement on Auburn Boulevard-Greenback Lane, est. cost \$12,000. Spec. on file in office of clerk.

PALO ALTO, Santa Clara Co., Cal.—City Council, Frank Kasson, clerk, declares intent to grade and pave with 4½-in. conc. where not already improved, Cowper St. bet. Lincoln Ave. and Kingsley Ave.; Lincoln Ave. bet. Waverly and Cowper; and Alma bet. Homer and Addison. Aves. Imp. Act 1911. Protests Aug. 7. Board of Public Works will submit bid on this work. J. F. Bynbee Jr., city eng.

NAPA, Napa Co., Cal.—Chas. Chittenden at \$1500 awarded contract by Supervisors for fur. 500 cu. yds. crushed rock and spreading on American Canyon road.

EUREKA, Humboldt Co., Cal.—Until Aug. 5, 10 a.m., bids will be rec. by Fred M. Kay, county clerk, to const. wagon road from Arcata city limits to State Normal School, in Rd. Dist. 5. A. J. Logan, county surveyor.

MERCED, Merced Co., Cal.—City Eng. C. D. Martin preparing spec. to resurface 16th St. bet. K and M; 17th St., K to M; L St., 16th to 18th, and alleys bounded by said streets.

SIANFOR, Kings Co., Cal.—California Const. Co., 58 2nd St., San Francisco, at \$19,793 awarded contr. by Supervisors to pave county highway from Laton Bridge south and east, 1½ mi. in length, involv. 17,640 sq. ft. 3½-in. asphalt conc. base in shoulders and 15½-in. top surface, 2-in. asphalt conc. wearing surface, 10 in. bit. shoulders, 19½-in. 2-in. top surface, 10.30.

MILPITAS, Santa Clara Co., Cal.—Until Aug. 1, 6 p.m., bids will be rec. by J. A. Spangler, clerk Milpitas School District, to const. sewerage system. Plans on file in office of county surveyor, San Jose, and at office of clerk of district.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. L. Lynch, clerk, declares intent to imp. Grant St. bet. Orchard and Delmas, by grading, paving with 1½-in. Warrenite-bit. surface on 2-in. bit. conc. base; conc. curb, gutter and walks; 10 br. catch basins; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Protests July 31. Wm. Popp, city eng.

FRESNO, Fresno Co., Cal.—S. B. Tomb, Fresno, awarded contr. by Council to const. 6-in. vit. sewer in Blocks 19, 20 and 21, Grand Ave. Park at 18c ft. ft.; manholes, \$38.

SAN DIEGO, Cal.—City Mgr. P. A. Rhodes recommends granting petition of residents of Maryland St. and other streets in University Hts. for paving. The majority favor Warrenite or bitul. pavement.

BAKERSFIELD, Kern Co., Cal.—Until Aug. 2, 10 a.m., bids will be rec. by J. E. Smith, county clerk, to const. conc. pavement on portions of County Road No. 419 from present paved Taft-McKittrick road to present paved highway at town of Fellows, Rd. Dist. 12. Invol. 3920 cu. yds. excavation; 91,600 sq. ft. 8-in. conc. pavement. Total length 5028.21 ft. ft. Paul E. Kressly, consulting eng. 132 H. W. Hellman Bldg., Los Angeles, spec. may be had from eng. and county clerk.

LOS ANGELES, Cal.—Fairchild-Gilmore-Wilton Co., L. A. Ry. Bldg., submitted low bid to Board of Public Works, at \$19,986, to pave Ninth St. bet. Boyle and Santa Fe Aves., involv. 60,741 sq. ft. grading to finish subgrade, at 1c ft. 38,395 sq. ft. conc. paving at 22c ft. 19,181 sq. ft. grading only at 3c ft. 924 sq. ft. conc. gutter at 31c ft.; sanitary sewer, compl., \$12,000.

SAN FRANCISCO.—Fay Improvement Co., Phelan Bldg., at \$71,729 submitted low bid to Board of Public Works to imp. Turquoise St. bet. 37th and 44th Aves., involv. 6628 ft. ft. conc. curbs, 654 lin. ft. 8-in. and 315 lin. ft. 12-in. sewer, 18.8 in. and 9.12-in. wye branches, 2 br. manholes; 35 br. catch basins, 1225 lin. ft. 10-in. pipe culvert, 6504 sq. ft. Hart stone walks; 180,930 sq. ft. asphalt conc. pavement. Other bids: State Imp. Co., \$72,719; A. J. Ralsch, \$73,349.

State Improvement Co. at \$7188 low bidder to imp. 34th Ave. bet. Lincoln and Irving, involv. 1200 lin. ft. conc. curbs and 24,000 sq. ft. asphalt conc. pavement. Other bids: C. B. Eaton, \$8316; Peter McElhugh, \$7920; Fay Imp. Co., \$8208; City Const. Co., \$8800.

Peter McElhugh, at \$3371, low bidder to sewer Saturn St. bet. Ord and Lower Terrace, involv. 459 lin. ft. 8-in. and 206 lin. ft. 12-in. sewer, 21 8-in. and 12-in. wye branches; 1 manhole and 5 br. manholes. Schultz Const. Co. bid \$3611 and C. B. Eaton \$3497.

Das T. Tchun, at \$2260, only bidder to sewer Hollister St. bet. Hawes and Grignon, involv. 600 lin. ft. 12-in. sewer, 48 12-in. wye branches and 1 br. manhole.

No bids received to improve Mt. Vernon Ave. bet. Howth and Louisburgh, incl. crossing of Louisburgh St., involv. 933 cu. yds. cut; 508 lin. ft. conc. curb, 660 sq. ft. art. stone walks; 9103 sq. ft. asphalt conc. pavement; 3 br. catch basins; 75 lin. ft. 10-in. vit. pipe culvert.

SAN DIEGO, Cal.—City Engineering Dept. estimates quantities in proposed Panorma and Cliff Sts. improvements as follows: total length, 2143 lin. ft. paving, 101,275 sq. ft.; laterals, 8 4-in. and 11 6-in.

SANTA ROSA, Sonoma Co., Cal.—City Council will ask bids to pave Slater St. bet. College and Spencer Aves., with 2½-in. asphalt conc. base with 1½-in. Warrenite-bit. surface. Heretofore city has done own paving through municipal plant.

Specs have been approved to const. conc. curbs and gutters in Slater St. bet. College Ave. and Spencer and Orchard St. bet. 5th and Johnson, preliminary to paving. L. L. Mills, city eng.

MERCED, Merced Co., Cal.—Valley Paving and Const. Co., Visalia, awarded contr. by Council to imp. alley in Block 128; grading, 4c ft. ft. 12-in. asphalt conc. pavement with 1½-in. Warrenite-bit. surface with seal coat, 20c sq. ft.; wood curb, 10c ft. ft.

SAN PABLO, Contra Costa Co., Cal.—Lower City, 2234 Broadway Bldg., Richmond, at \$3110 awarded contract by San Pablo Sanitary Dist., to const. sewers in Belmont Ave. subdivision: 6-in. vit. sewer, 32.50 ft. ft.; manholes, \$72; lampholes \$75; 644 in. wye branches, 90c.

CALIFORNIA.—Following bid was the only one rec. on July 17 by State Highway Comm. to grade 11.3 mi. in Plumas and Lassen Counties, bet. Chester Grade and NE 1/4 of Sec. 2, T. 28N., R. 9E., M.D.B. and M., involv. 71,000 cu. yds. excavation without classification; 125 cu. yds. Class A concrete (culverts and manholes); 12-in. 12-in. 12-in. 18-in. and 10-in. 24-in. corrugated metal pipe; 32 monuments; the Comm. to furnish rein. steel, corr. pipe and cement. Islad Constr. Co., Fresno, \$182,227.50. Engineer's estimate, \$114,721.50.

SAN JOSE, Santa Clara Co., Cal.—Until July 31, 8 p.m., bids will be rec. by J. L. Lynch, city clerk, to imp. Flores Ave. bet. Orchard and Market Sts., by grading, paving with 1½-in. Warrenite-bit. surface on 3-in. bitulithic conc. bit. conc. base; 1 br. catch basin; 8-in. vit. pipe drains.

Separate bids same date, to imp. River St. bet. Santa Clara and St. James Sts., grading, paving with 1½-in. Warrenite-bit. surface on 2-in. bitulithic conc. bit. base; conc. curbs, gutters and walks; 4 br. catch basins and 8-in. vit. pipe drains. Wm. Popp, city eng.

FRESNO, Fresno Co., Cal.—Until Aug. 4, 2 p.m., bids will be rec. by D. M. Barnwell, county clerk, for fur, and del. various points, 10,700 tons rock screenings. Chris Jensen, county surveyor, Cory Bldg., Fresno. See call for bids under official proposal section in this issue.

PHOENIX, Ariz.—Goodman & Merrill, St. David, Ariz., submitted low bid to State Highway Dept. at \$23,965.40, for constructing 3,929 mi. of Sec. E Florence-Superior highway (Federal Aid project No. 23), and at \$27,394.15 for same work using as alternates gravel roads and straight concrete headwalls.

LOS ANGELES, Cal.—U. S. Tomich, 125 N. Fremont Ave., awarded contract by Board of Public Works, at \$16,000, for constructing sewer in Centre St. bet. Drexels and Oliver Sts. San Pedro.

HANFORD, Kings Co., Cal.—County Surveyor Roy L. May, preparing spec. to grade Road 588, a new road through the Heimann tract near Lemoore.

LOS ANGELES, Cal.—Until 10 a.m., July 21, bids will be rec. by Board of Public Works for improving Wilton Pl. bet. 35th St. and Leighton Ave., and portions of Leighton Ave. and 35th St., invly. 312 sq. ft. conc. paving, 22,439 sq. ft. grading and ciling, 1191 ft. curb, 6302 sq. ft. walk, 4539 sq. ft. gutter. Vrooman Act.

YREKA, Siskiyou Co., Cal.—Until Aug. 7, 10 a.m., bids will be rec. by W. J. Nelson, county clerk, to imp. road in Shastna and Weed from its intersection with the State highway to the line of the Southern Pacific R. R., right-of-way near Weed depot in Butte road District. H. J. Sarter, county surveyor.

EL CERRITO, Contra Costa Co., Cal.—Town Trustees declared inten. to imp. Clayton St. bet. Fairmont and Lincoln Sts. Pettition presented seeking paving of Alameda St. referred to town engs.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares inten. to imp. Orchard St. bet. Willow and south city limits, by grading, paving with 3-in. bit. conc. paving, with 1 1/2-in. Warrentite-bit. surface; conc. curbs and gutters; art. stone walks; 6 in. catch basins; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Protests July 31. Wm. Popp, city eng.

LONG BEACH, Cal.—Willis & Collins, cons. engs., have submitted to Public Service Dept. plans for a sanitary sewer system for Belmont Shore Place, a suburb being financed by Belmont Pier Tract Co. and Belmont Shore Co.

MARYSVILLE, Yuba Co., Cal.—City Council named J. W. Warrick Street Paving Inspector. About \$100,000 worth of work is planned.

SAN DIEGO, Cal.—Owing to expected decision from higher court on appeal by city re legality of bonds voted in 1920 for Roosevelt Memorial Drive paving, City Council, at request of city city, will hold all bids submitted for this work.

BERKELEY, Alameda Co., Cal.—Oakland Paving Co., 5000 Broadway, awarded contr. by City Council to improve 36 ft. of Euclid Ave. from east extension of Whitney Tract to east extension of Bay View Pl. bet. Euclid and Hopkins Terraces by grading, const. comb. conc. curbs and gutters; 6-in. vit. pipe cement; 6-in. vit. sewers; cement walks.

Eng. 21

SAN RAFAEL, Marin Co., Cal.—Until Aug. 8, 2 p.m., bids will be rec. by Rob. E. Graham, county clerk, to imp. portion of San Rafael and Olma county road through Fairfax, and portion of Fairfax and Bolinas county road, R. L. Dist. 2. Geo. M. Dodge, county surv.

LOS ANGELES, Cal.—Until 11 a.m., Aug. 11, bids will be rec. by Surveyors to improve 16th, 16th, 10th and 10th Sts., Bndlong, Normandie, Harvard, Western Aves. and a portion of

Vermont Ave. (R. D. I. No. 223); 19,176 lin. ft., invly. 19,095 cu. yds. excav., 11,370 sq. yds. shaping and rolling roadway, 33,655 lin. ft. curb, 134,018 sq. ft. conc. walk; 2720 sq. ft. conc. gutter; 2 catch basins and one conc. culvert, re-catch moving 6,320 sq. ft. conc. walk and 920 ft. curb. Materials required: 4202 bbls. cem., 582 cu. yds. sand, 1339 cu. yds. gravel, 1018 lbs. lamp black, 1492 (5x3x14-in.) expansion joints, 8 (3x12-in.) expansion joints, 1500 (3x12-in.) expansion joints, 1500 rolls 2-ply tar paper, 283 lbs. steel, 6 ft. 21-in. corrug. iron pipe.

Eng. 21

SAN FRANCISCO—Pacific States Contr. Co., Call Bldg., at \$298,000 awarded contract by the State Board of Harbor Commissioners to pave Piers 3 and 25, involving approximately 31,000 sq. ft. Tokopa surface.

FLAGSTAFF, Ariz.—Warren Bros. Co. submitted only bid to City Council at \$44,963 to pave Birch, Cherry and Dale Aves., and portions of other streets. Bid taken under advisement.

OAKLAND, Cal.—City Council, E. K. Sturges, clerk, appropriates \$19,854 from General Fund to finance grading and extension work on Skivington Ave. from County Road No. 2425, southeasterly. W. W. Harmon, city eng.

SANTA ANA, Orange Co., Cal.—Until 7:30 p.m., July 31, bids will be rec. by City Trustees for grading to subgrade and paving with 6-in. conc. pavement and belt-finish wearing surface, French St. bet. E. Washington Ave. and 14th St., approx. 48,502 sq. ft., and 100 lin. ft. 1-in. house sewers. 1911 Act. W. G. Knox, city eng.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. 15th St. bet. Bryant and Florida, invly. 8200 sq. ft. asph. conc. pavement, 200 lin. ft. 8-in. sewer; 8 1/2-in. wye branches; 1 br. manhole; 2 br. catch basins; 30 lin. ft. 19-in. pipe culvert.

REDWOOD CITY, San Mateo Co., Cal.—County Superint. appropriate \$2500 to regrade, surface and repave portions of coast road bet. Half Moon Bay and Tunitas. Geo. Kneese, county surveyor.

OAKLAND, Cal.—City Council, E. K. Sturges, clerk, declares inten. (24235) to imp. 1st St. bet. Oak and Fallon Sts., by grading, r. w. curbs; conc. gutters; macadam pavement; r. w. catch basins; vit. pipe conduit, etc. 1911 Act. Protests Aug. 10. W. W. Harmon, city eng.

LOS ANGELES, Cal.—Until 11 a.m., Aug. 21, bids will be rec. by Supervisors to imp. Anaheim-Spadra Rd. (Dread Canyon), R. D. Dist. 1, bet. Pomona Blvd. and 274 mi. south; 14,392 lin. ft. invly. 10,770 cu. yds. excav., 14,280 lin. ft. shaping roadbed, 28,560 lin. ft. finishing shoulders, 7793 tons placing disintegrated granite, 32,726 sq. yds. conc. pavement, 40 lin. ft. 6-in. rein. conc. pipe, 41 lin. ft. 24-in. corr. iron pipe, 75 ft. 48-in. conc. headwall, 190 lbs. rein. steel for headwalls; also bridge at Sta. 67+56. Materials required are: 8613 bbls. cem., 3 bbls. Medusa white cement, 41 standard coils for bridge, 7793 tons disintegrated granite.

OAKLAND, Cal.—Hutchinson & Co., Hutchinson Bldg., Oakland, awarded contr. by Council to imp. portions of City Tr. 28th and Can Aves., by grading, .016 sq. ft. conc. curb, 756 lin. ft. conc. gutter, 26c; oil macadam pave. 14c; corrug. iron and conc. culvert, \$1 lin. ft.; c. l. manhole, 35c.

Eng. 21

MERCED, Merced Co., Cal.—Petitions are being circulated asking the Supervisors to pave the road along the Santa Fe from Planada to Le Grand. A. E. Cowell, County Surveyor.

REDWOOD CITY, San Mateo Co., Cal.—City Trustees, W. E. Price, Clerk, declare intention (D-7) to construct 6-in. vitrified sewers; 4-in. vitrified sewer laterals; brick manholes; wyes, etc.,

in portions of Standish, Howland, Rogers Sts., etc. 1911 Act. Protests August 7. C. L. Dimmitt, City Engineer.

STORES AND OFFICES

(Continued from Page 11)

Contract Awarded.
REPAIRS Cost, \$26,000
FRESNO, Fresno Co., Cal. Ederly Building.
Fire repairs to building.
Owner—Patterson Estate.
Architect—Not given.
Contractor—E. J. Farr, 245 Fortcamp, Fresno.

Contract Awarded.
STORE BLDG. Cost, \$12,000
SAN FRANCISCO, S. Balboa 32-6 E
Twenty-second Avenue.
One-story frame store building.
Owner—J. A. Hatter, 745 Market St., San Francisco.
Architect and Designer—A. M. Hardy, 816 44th Ave., San Francisco.

Steel Contract Awarded—Figures Being Taken for Reinforced Concrete Work, Fireproofing and Elevators.
OFFICE BLDG. Cost, \$—
OAKLAND, Alameda Co., Cal. 13th and Franklin Streets.
Nine and 19-story Class A office and publishing plant building.
Owner—Tribune Building Co.
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.
Dyer Bros. 17th and Kansas Sts., San Francisco, have been awarded a contract for the steel.

Completing Plans.
AUTO BLDG. Cost, \$—
FRESNO, Fresno Co., Cal. NE "N" and Stanislaus Sts.
Brick auto sales building, 75x100.
Owner—Jas. P. Ryan and O. L. Everett.
Lessee—R. C. Bigelow.
Architect—Glass & Butler, Cory Bldg., Fresno.

Plans Being Figured.
STORE BLDG. Cost, \$15,000
RICHMOND, Contra Costa Co., Cal.
Nevin Ave. and Eighth St.
One-story hollow tile store building (2 stories).
Owner—Robert A. Read, % Read's Dry Goods Store, 750 Macdonald Ave., Richmond.
Architect—James T. Narbett, 910 Macdonald Ave., Richmond.

THEATRES

Contract Awarded.
THEATRE, ETC. Cost, \$1,054,000
SAN DIEGO, San Diego Co., Cal. B. St., 13th & 6th Sts. (Fantages Theatre)
Seven-story Class A theatre and office building, 200x100 (2000 seats).
Tile and terra cotta trim exterior.
Owner—Rob. Blankenship and Richard T. Robinson, San Diego.
Architect—E. Marcus Pretica, Empire Bldg., Seattle.
Contractor—Lange & Bergstrom, Timberland Bldg., San Diego.

This contract does not include the furnishings and decorations.
The wrecking of the buildings has been started.

Plans Being Prepared.
ALTERATIONS Cost, \$5000
VALLEJO, Solano Co., Cal. Vallejo Bldg.
Alter theatre building (fire escapes, painting, etc.)
Owner—Name withheld.
Architect—Chas. E. J. Rodgers, Phelan Bldg., San Francisco.

Plans Being Prepared.
THEATRE Cost, \$—
LOS ANGELES, Cal.
Two-story brick theatre, store and apartment building 100x157 (three stories, four 5-room apartments, and theatre to seat 650).
Owner—Not given.
Architect—Roy Jones, 5893 Moneta Ave., Los Angeles.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
2768	Dobert	Owner	1259
2769	Alberigi	Mattock	1450
2770	Weber	Johnson	5000
2771	Cruse	Owner	3000
2772	Mayerle	Nilsson	1500
2773	Woolsey	Bovyer	1000
2774	Peters	Owner	5000
2775	Rousseau	Owner	11000
2776	Thompson	Meyer	4300
2777	Thompson	Meyer	4400
2778	Bullwinkel	Mohler	9500
2779	Spitze	Dahlberg	10000
2780	Sale	Meyer	3000
2781	Wissman	Meyer	6000
2782	Schell	Owner	13000
2783	Strauss	Meyer	8438
2784	Asplund	Johnson	12300
2785	Italian	Cahill	43000
2786	Osgood	Andresen	7465
2787	Stoff	Kincanon	2000
2788	Rousseau	Owner	50000
2789	Ilome	Donovan	15000
2790	Durphy	Owner	1500
2791	Goldstein	Oyen	5000
2792	Kahn	Owner	9500
2793	Erikson	Owner	2500
2794	Derenzi	Grant	1500
2795	Fulphur	Fennell	2400
2796	S. P. Sulphur	Paulson	1000
2797	Kinney	Hoyt	47000
2798	Newbauer	Owner	15000
2799	Hueter	Boxton	5000
2800	Collins	Arras	33565
2801	Viriglio	Nelson	13000
2802	Reith	Mohler	4500
2803	Same	Same	4350
2804	Spitze	Dahlberg	9650
2804	Lurie	Vukicvich	32500
2805	Same	Spargo	37500
2806	Smith	Owner	21500
2807	Hatter	Hardy	12000
2808	Tross	Bierfield	1500
2809	Crocker	Samuelson	7600
2810	Newsom	Owner	2400
2811	Lurie	Vukicvich	1000
2812	Giovanetti	Del Favero	18000
2813	Hamill	Owner	10000
2814	Pasqualetti	American	10000
2815	Gaitherne	Owner	6000
2816	Parker	Owner	8000
2817	King	Parker	8000
2818	Mayer	Swenson	1850
2819	Hamill	Owner	6000
2820	Boeddicker	Swanson	5300
2821	O'Connell	Steiger	1200
2822	Hannon	McCormick	8500
2823	Williams	Williams	13500
2824	Judd	Moren	3000
2825	Janssen	Owner	3950
2826	Same	Same	3950
2827	Same	Same	2900
2828	California	Owner	1600
2829	Clausen	Wagner	1150
2830	Power	Brown	9000
2831	Federal	Walker	2823000
2832	Brown	Owner	2500
2833	Smith	Royal	731
2834	Smith	Rigney	438
2835	Smith	Neal	893
2836	Smith	Ingraham	11919
2837	Smith	Crecent	468
2838	Osgood	Andresen	7465
2839	Hildebrecht	Mattock	725
2840	Wiseman	Meyer	6000
2841	Freleigh	Colluppy	6000
2842	Greek Com	Martin	23520

DWELLING
(2768) W EDINBURGH 25 N Avalon.
One-story and basement frame dwelling.

Owner—Henry Dobert, 148 Edinburgh St., San Francisco.
Architect—None.
Day's work. \$1250

RESIDENCE
(2769) S FALLON AVE 73 E Taylor.
Two-story and basement frame residence.
Owner—Abel Alberigi, Hearst Bldg., San Francisco.
Architect—Houghton Sawyer, Hearst Bldg., San Francisco.
Contractor—Mattock & Frasey, 251 Kearny St., San Francisco. \$4450

DWELLING
(2770) W FIFTEENTH AVE 300 N Geary. One-story and basement frame dwelling.
Owner—J. Weber, 1542 Jackson St., San Francisco.
Designer—Lee Peyser, 2447 26th Ave.
Contractor—Edward A. Johnson, 2445 26th Ave., San Francisco. \$6000

DWELLING
(2771) E LAGUNA 50 S Francisco. One-story and basement frame dwelling.
Owner—H. C. Cruse and wife, 548 8th Ave., San Francisco.
Architect—None.
Day's work. \$3000

ALTERATIONS
(2772) NO. 960 MARKET. Change front, erect mezzanine floor and construct testing rooms.
Owner—George Mayerle, Premises.
Architect—None.
Contractor—N. F. Nilsson, 2697 Mission St., San Francisco. \$1500

ALTERATIONS
(2773) NO. 2220 SACRAMENTO. Rearrange for installation of bay window in residence.
Owner—Mrs. Woolsey, Premises.
Architect—None.
Contractor—Bovyer & Sons, 2407 California St., San Francisco. \$1000

DWELLING
(2774) W THIRD AVE 50 S Cabrillo. Two-story and basement frame dwelling.
Owner—J. M. Peters, 1010 Balboa St., San Francisco.
Architect—None.
Day's work. \$5000

STORES AND OFFICES
(2775) S MARKET 350 W Seventh. Two-story and basement stores and offices (steel frame only).
Owner—A. F. Rousseau, 110 Sutter St., San Francisco.
Architect—D. C. Coleman, 110 Sutter St., San Francisco.
Day's work. \$110,000
NOTE—This is a partial permit.

COTTAGE
(2776) E TWENTY-SIXTH AVE 100 N Cabrillo. All work for six-room frame cottage.
Owner—Minnie M. Thompson, 410 24th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed July 14, '22. Dated May 31, '22.
Frame up \$1100
Brown coated 1100
Completed 1100
Usual 35 days 1100
TOTAL COST, \$4400

Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(2777) E TWENTY-SIXTH AVE 125 N Cabrillo. All work for six-room frame cottage.
Owner—C. P. Thompson, 410 24th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed July 14, '22. Dated May 31, '22.
Frame up \$1100
Brown coated 1100
Completed 1100
Usual 35 days 1100
TOTAL COST, \$4400
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

FRAME BUILDINGS
(2778) E TWENTY-SECOND AVE 45 S Cabrillo. All work for two-one-story and basement frame building.
Owner—J. D. Bullwinkel, 1202 Haight St., San Francisco.
Architect—None.
Contractor—Thos. E. Mohler, 458 23rd Ave., San Francisco.
Filed July 14, '22. Dated July 14, '22.
Rough frame up \$2375
Brown coated 2375
Accepted 2375
Usual 35 days 2375
TOTAL COST, \$9500
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

FRAME FLATS
(2779) E NOE 291-6 N Seventeenth. Two-story and basement frame (2) flats.
Owner—John F. Spitze.
Architect—W. H. Armitage, 72 New Montgomery St., San Francisco.
Contractor—Dahlberg Bros., 122 Buena Vista Ave., S. E. \$10,000

DWELLING
(2780) E TWENTY-SIXTH AVE 300 N Cabrillo. One-story and basement frame dwelling.
Owner—W. H. Sale, 2521 Clement St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. \$3000

DWELLINGS
(2781) W TWENTY-SEVENTH AVE 365 and 390 N Cabrillo. Two one-story and basement frame dwelling.
Owner—H. Wissman, 2251 Clement St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. \$3000 each

MFG. PLANT.
(2782) SE HOWARD AND SUMNER. Two-story brick light manufacturing plant.
Owner—Samuel Schell, 180 Jessie St., San Francisco.
Architect—None.
Day's work. \$13,000

STORE AND FLAT
(2783) N GEARY 90 E Twenty-third Ave. All work for two-story frame store and flat.
Owner—S. Strauss, 5707 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.

Filed July 15, '22. Dated July 10, '22.
 Frame up\$2112
 Brown coated 2112
 Completed 2112
 Usual 35 days 2112
TOTAL COST, \$8443
 Bond, none. Limit, 90 days. Forfeit.
 plans and specifications, filed.

FRAME FLATS

(2784) E FIFTH AVE 125 S Parnassus
 Ave S 25xE 120. All work for two-
 story frame (2) flats.
 Owner—Augusta A. Asplund, 1318 4th
 Ave., San Francisco.
 Architect—None.
 Contractor—Nels P. Johnson, 1934 Pol-
 some St., San Francisco.

Filed July 15, '22. Dated July 10, '22.
 Frame up\$3075
 Brown coated 3075
 Completed 3075
 Usual 35 days 3075
TOTAL COST, \$12,300
 Bond, none. Limit, 120 days. Forfeit.
 plans and specifications, none.

BANK

(2785) BROADWAY AND COLUMBUS
 Ave. One-story and basement re-
 inforced concrete bank.
 Owner—Italian American Bank.
 Architect—Italo Zanolin, 604 Mont-
 gomery St., San Francisco.
 Contractor—Cahill Bros., 110 Sutter St.,
 San Francisco. \$43,000

DWELLING

(2786) E BUENA VISTA AVE 621 N
 Maesnie Ave. Two-story and base-
 ment frame dwelling.
 Owner—Erel Osgood, 255 Montgomery
 St., San Francisco.
 Architect—None.
 Contractor—N. C. Andresen, 1229 Pearl
 St., Alameda. \$7465

ALTERATIONS

(2787) NO. 4130 EIGHTEENTH ST.
 Alter lower story for stores; con-
 crete flooring, etc., for store and
 (2) flats.
 Owner—Aron Stoff, 159 Sutter St., San
 Francisco.
 Architect—None.
 Contractor—J. G. Kincanon, 159 Sutter
 St., San Francisco. \$2000

OFFICES, ETC.

(2788) E GEARY 137-6 E Taylor.
 Five-story and basement rein-
 forced concrete stores and offices.
 Owner—A. F. Rousseau, 110 Sutter St.,
 San Francisco.
 Architect—David Coleman, 110 Sutter
 St., San Francisco.
 Day's work. \$50,000

ADDITION

(2789) NE GEARY AND WOOD. Two-
 story reinforced concrete addition
 for hospital.
 Owner—Home for Incurables, Premises
 Architect—None.
 Contractor—T. J. Donovan, 1477 6th
 Ave., San Francisco. \$15,000

ALTERATIONS

(2790) E JORDAN AVE 220 — Euclid
 Ave. Construct extension of 8-ft.
 to dwelling.
 Owner—B. F. Murphy, 331 Cherry St.,
 San Francisco.
 Architect—None.
 Day's work \$1500

ADDITION

(2791) NW KANSAS AND TWENTY-
 fourth. Add four-room apartment
 over store of present building.
 Owner—M. Goldstein, Premises.
 Architect—O. E. Evans, 2569 Mission
 St., San Francisco.
 Contractor—O. M. Oylen, 67 Carmel St.,
 San Francisco. \$5000

ALTERATIONS

(2792) S MARKET 125 W Fourth
 Construct show windows; extend

mezzanine floor using steel frame
 with reinforced concrete floor.
 Owner—Sidney Kahn and C. Rosen-
 berg, % Architect.
 Architect—Bernard J. Joseph, Rm 512,
 74 New Montgomery St., S. F.
 Day's work. \$9500

DWELLING

(2793) W TWENTY-FIFTH AVE 275
 S Taraval. One-story and base-
 ment frame dwelling.
 Owner—Arvid J. Erikson, 81 Scott St.,
 San Francisco.
 Architect—None.
 Day's work \$2500

ALTERATIONS

(2794) N DAY 109-9 E Church. Raise
 (2) flats; cement floor; new front.
 Owner—P. Derenzi, 144 Day St., S. F.
 Architect—None.
 Contractor—L. U. Grant, 131 Beaver
 St., San Francisco. \$1500

ALTERATIONS

(2795) S GOLDEN GATE AVE bet.
 Hyde and Jones. Underpin rear
 wall with brick.
 Owner—Franciscan Fathers, Premises.
 Architect—None.
 Contractor—Fennell & Chisholm, 180
 Jessie St., San Francisco. \$2400

REPAIRS

(2796) W GRANT AVE 160 N North
 Point. Replace fire damage to
 sulphur refinery.
 Owner—San Francisco Sulphur Co., 624
 California St., San Francisco.
 Architect—P. M. Paulsen, 624 Califor-
 nia St., San Francisco.
 Contractor—P. M. Paulsen, 624 Califor-
 nia St., S. F. \$1000

LOFTS

(2797) SE HOWARD AND HAW-
 thorne. Three-story and basement
 reinforced concrete loft building.
 Owner—L. W. Khney Co, 556 Howard
 St., San Francisco.
 Architect—None.
 Contractor—H. P. Hoyt, Monadnock
 Bldg., San Francisco. \$47,000

ALTERATIONS

(2798) SW MARKET AND FOURTH.
 Divide present store into 5 or more
 stores; terra cotta partitions, etc.
 Owner—J. Newbauer, G. Brenner and J.
 Rosenberg, 2195 Sacramento St.,
 San Francisco.
 Architect—None.
 Day's work. \$15,000

DWELLING

(2799) F SANTA ANA AVE 82-5 N
 Darian Way. One-story and base-
 ment frame dwelling.
 Owner—O. M. Hueter, 405 Flatiron
 Bldg., San Francisco.
 Architect—Harold H. Stoner, 1st Nat'l
 Bank Bldg., San Francisco.
 Contractor—Doxton & Zwieg, 809 Flat-
 iron Bldg., S. F. \$5000

CONCRETE WORK

(2800) N FOLSOM bet. Second and
 Third. Concrete and cement work
 finishing work and masonry for
 building.
 Owner—Collins-Hencke Candy Co., 26
 Beale St., San Francisco.
 Architect—N. W. Sexton, Chronicle
 Bldg., San Francisco.
 Contractor—Adam Arras Co, 180 Jes-
 sie St., San Francisco.
 Filed July 17, '22. Dated July 17, '22
 Walls and piers up to 1st floor
 level\$6293
 Walls and piers up to 2nd floor
 level 6292
 Walls and pier: up to 3rd floor
 level 6293
 Completed and accepted 6292
 Usual 35 days 8390
TOTAL COST, \$33,560
 Bond, \$16,780. Surety, Fidelity & De-
 posit Co. of Maryland. Limit, Sept. 15
 1922. Forfeit, none. Plans and spec-
 ifications filed.

APARTMENT FLATS

(2801) N GROVE 120 W Ashbury 27-0
 x137-6. All work except heaters,
 electric fixtures, sewers, connec-
 tions and finish hardware for two-
 story and basement frame apart-
 ment flat building.

Owner—Vincent Virgilio, % Western
 Process Engraving Co., 76 2nd St.,
 San Francisco.

Architect—Wm. F. Gunnison, 1666
 Golden Gate Ave., San Francisco.

Contractor—E. K. Nelson Bldg. Co., 77
 O'Farrell St., San Francisco.

Filed July 17, '22. Dated July 10, '22.
 2nd floor joists set\$2600
 Ready for plaster 2600
 Plastering done and mill work
 on job 2600
 Completed and accepted 2690
 Usual 35 days 2600
TOTAL COST, \$13,000

Bond, none. Limit, 110 days. Forfeit
 plans and specifications, none.

BUILDING

(2802) W TWENTY-SIXTH AVE 32-6
 S Balboa. All work for one-story
 and basement frame building.

Owner—A. H. Reith, 4121 18th St., San
 Francisco.

Architect—None.

Contractor—Thos. E. Mohler, 458 23rd
 Ave., San Francisco.

Filed July 17, '22. Dated July 13, '22.
 Frame up\$1125
 Brown coated 1125
 Accepted 1125
 Usual 35 days 1125
TOTAL COST, \$4560

Bond, none. Limit, 9 days. Forfeit.
 plans and specifications, none.

BUILDING

(2803) E TWENTY-THIRD AVE 275
 N Cabrillo. All work for two-story
 and basement frame building.

Owner—A. H. Reith, 4121 18th St., San
 Francisco.

Architect—None.

Contractor—Thos. E. Mohler, 593 21st
 Ave., San Francisco.

Filed July 17, '22. Dated July 13, '22.
 Frame up\$1887.60
 Brown coated 1887.50
 Completed and accepted 1887.50
 Usual 35 days 1887.60
TOTAL COST, \$4350.00

Bond, none. Limit, 90 days. Forfeit.
 plans and specifications, none.

BUILDING

(2804) E NOE 291-6 N Seventeenth N
 25xE 100. All work except electric
 fixtures for two-story and base-
 ment frame building.

Owner—John E. Spitzer.

Architect—W. H. Armitage, Call Bldg.,
 San Francisco.

Contractor—Dahlberg Bros., 122 Buena
 Vista Ave., San Francisco.

Filed July 17, '22. Dated June 22, '22.
 Rough frame up\$2400
 Brown coated 2400
 White coated 1009
 Completed and accepted 1425
 Usual 35 days 2425
TOTAL COST, \$9650

Bond, \$4900. Sureties, Jno. R. Ren-
 ström and J. E. W. Carey. Limit, 90
 days. Forfeit, none. Plans and spec-
 ifications filed.

POST OFFICE

(2804) W SIXTH AVE 111 N Clement.
 One-story brick post office.

Owner—Louis R. Lurie, 220 Montgom-
 ery St., San Francisco.

Architect—O'Brien Bros., Inc., 240
 Montgomery St., San Francisco.

Contractor—Vukovich & Bagge, 180
 Jessie St., S. F. \$32,500

WHOLESALE HOUSE

(2805) N FOLSOM 96 W Second. Two-
 story and basement concrete whole-
 sale house.

Owner—Louis R. Lurie, 220 Montgom-
 ery St., San Francisco.

Architect—O'Brien Bros., Inc., 240 Montgomery St., San Francisco.
Contractor—John Spargo, 240 Montgomery St., S. F. \$37,500

FRAME FLATS
(2807) S FOURTEENTH AVE 131-1 N Fulton. Two-story and basement frame (2) flats.
Owner—Milton C. Smith, Nevada Bank Bldg., San Francisco.
Architect—Sidney B. & Noble Newsom, Nevada Bank Bldg., S. F.
Day's work. \$21,500

FRAME STORES
(2807) S BALBOA 32-6 E Twenty-second Ave. One-story frame second.
Owner—J. A. Hatter, 745 Market St., San Francisco.
Architect—A. M. Hardy, 518 24th Ave., San Francisco.
Contractor—A. M. Hardy, 518 24th Ave., San Francisco. \$12,000

ALTERATIONS
(2808) NO. 2024 CLAY. Construct private garage; concrete flooring, etc.
Owner—Mrs. Alice R. Ross, Premises.
Architect—Sylvain Schnaattacher, 233 Post St., San Francisco.
Contractor—D. L. Blenfield, 1405 Clement St., San Francisco. \$15,000

DWELLINGS
(2809) W CORDOVA 25 and 50 S Seville. Two one and one-half-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 290 Ralph St., S. F. \$3800 each

DWELLING
(2810) S FLOOD AVE 300 E Forester. One-story and basement frame dwelling.
Owner—A. C. Newsom, 2906 Mission St., San Francisco.
Plans by Owner.
Day's work. \$2400

ALTERATIONS
(2811) NO. 1022 GEARY. Plaster front; install office partitions.
Owner—Louis R. Lurie, 220 Montgomery St., San Francisco.
Architect—O'Brien Bros., Inc., 240 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 180 Jessie St., San Francisco. \$1000

FRAME FLATS
(2812) W MASON 22 and 45-4 1/2 S Pacific. Two two-story and basement frame (2 in each) flats.
Owner—P. Giovannetti, 180 Jessie St., San Francisco.
Architect—None.
Contractor—Del Favero & Rasori, 180 Jessie St., S. F. \$9000 each

APARTMENTS
(2813) N GEARY 82 E Twenty-sixth Ave. Three-story and basement frame (4) apartments and store.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—J. J. Foley, 770 5th Ave., San Francisco.
Day's work. \$10,000

STORES
(2814) SW BUSH AND FRANKLIN. Two-story concrete stores.
Owner—Joseph Pasqualetti, 785 Market St., San Francisco.
Architect—Meyer & Johnson, 742 Market St., San Francisco.
Contractor—American Concrete Co., 785 Market St., S. F. \$40,000

FRAME FLATS
(2815) N CABILLO 118-8 E 20th Ave. Two-story and basement frame (2) flats.

Owner—Dr. F. A. Gawthorne, 708 The Jan. Bldg., San Francisco
Architect—None.
Day's work. \$6000

DWELLINGS
(2816) S DEWEY BLVD 300 and 350 E Kensington. Two one-story and Larenmet frame dwellings.
Owner—C. F. Parker, 1315 6th Ave., San Francisco.
Architect—H. G. Stoner, 1st National Bank Bldg., San Francisco.
Day's work. \$—

FRAME DWELLINGS
(2817) W EIGHTH AVE 123 1/2 & 160 N Pacheco. Two one-story and basement frame dwellings.
Owner—Lang Realty Co., First Nat'l Bank Bldg., San Francisco.
Architect—Harold G. Stoner, 1st Nat'l Bank Bldg., San Francisco.
Contractor—C. F. Parker, 1315 6th Ave., San Francisco. \$4000 each

REPAIRS
(2818) NO. 2324-30 FILLMORE. Repair tire damage to flats.
Owner—J. L. Mayer and R. Greenfield, 4 L. L. Mayer, 220 Battery St., S. F.
Architect—None.
Contractor—Swenson & Franzen, 145 Natoma St., San Francisco. \$1850

FLATS
(2819) S GEARY 57 E Boyce. Two-story and basement frame (2) flats.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None.
Day's work. \$6000

DWELLING
(2820) W TWENTY-FIRST AVE 166-8 N Ulloa N 36xW 120. All work for one-story and basement frame dwelling.
Owner—Margaretha Boeddiker, (wife Geo. C.), 2367 24th Ave., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Ernest Swanson, 180 Jessie St., San Francisco.
Filed July 18, '22. Dated July 15, '22.
Roof sheathing on.....\$1325
Brown coated.....1325
Completed and accepted.....1325
Usual 35 days.....1325
TOTAL COST, \$5300
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(2821) NO. 125 ALMA ST. Raise and move cottage; construct new fronts and alter for basement garage.
Owner—J. M. O'Connell, 657 Clayton St., San Francisco.
Architect—None.
Contractor—H. Steiger, 1630 Haight St., San Francisco. \$1200

FRAME FLATS
(2822) W ELEVENTH AVE 200 S Geary. Two-story and basement frame (2) flats.
Owner—Patrick Hannon, 445 11th Ave., San Francisco.
Architect—None.
Contractor—Thos. McCormick, 37 Hill St., San Francisco. \$8500

APARTMENTS
(2823) W HOWARD 177-6 N Twenty-third. Three-story and basement frame (6) apartments.
Owner—Elizabeth E. Williams, 2636 Howard St., San Francisco.
Architect—None.
Contractor—Williams & Wood, 2636 Howard St., S. F. \$13,500

ALTERATIONS
(2824) NO. 49 PARK HILL AVE. Reconstruct porches for dwelling, tile baths, terrazzo steps, plumbing, etc.
Owner—N. A. Judd, Premises.
Architect—None.

Contractors—George R. Moren, 125 Pal-
mer Ave., San Francisco. \$3000

DWELLING
(2825) E TWENTY-SEVENTH AVE 95 N Balboa. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None.
Day's work. \$3950

DWELLING
(2826) E TWENTY-SEVENTH AVE 367 N Cabrillo. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None.
Day's work. \$3950

DWELLINGS
(2827) E TWENTY-NINTH AVE 175 and 225 S Geary. Two one-story and basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None.
Day's work. \$3950 each

RETAINING WALL
(2828) S BEACH 137 1/2 W Hyde. Construct reinforced concrete retaining wall.
Owner—California Packing Cntr., 101 California St., San Francisco.
Engineer—P. L. Bush, 101 California St., San Francisco.
Day's work. \$1600

FOOTINGS
(2829) NO. 624 LAGUNA. Concrete footings and floor for laundry, painting, plumbing, etc.
Owner—W. C. Clausen, 59 28th St., San Francisco.
Architect—None.
Contractor—D. R. Wagner, 540 Call Bldg., San Francisco. \$1150

SOCIAL HALL
(2830) S OAK 143-6 E Cole. Two-story and basement frame social hall and flat.
Owner—C. T. Power, % Contractor.
Architect—None.
Contractor—S. E. Brown, 1434 6th Ave., San Francisco. \$9000

BANK BLDG.
(2831) EDED BY FANSOME, SACRAMENTO. Battery and Commercial. Seven-story and basement bank building (general construction and finish).
Owner—Federal Reserve Bank, 315 Battery St., San Francisco.
Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—P. J. Walker Co., Monarch Bldg., S. F. \$2,823,000

DWELLING
(2832) W THIRTY-SIXTH AVE 75 S Balboa. One-story and basement frame dwelling.
Owner—Joe Brown, 6140 Geary St., San Francisco.
Architect—None.
Day's work. \$2560

FRAME FLATS
(2833) W FOURTEENTH AVE 131-3 N Fulton 38-3x127-6. Hardwood floor work for two-story frame flat building.
Owner—Milton C. Smith, Nevada Bank Bldg., San Francisco.
Architect—Sidney B. and Noble Newsom, Nevada Bank Bldg., S. F.
Contractor—The Royal Floor Co., 180 Jessie St., San Francisco.
Filed July 19, '22. Dated July 17, '22.
Completed.....\$547
Usual 35 days.....184
TOTAL COST, \$731
Bond, none. Limit, without delay. Forfeit, \$5. Plans and specifications filed.

(2834) TILE WORK ON ABOVE.
Contractor—The Rigney Tile Co., 2148
Telegraph Ave., Oakland.
Filed July 19, '22. Dated July 17, '22.
Completed \$329
TOTAL COST, \$428
Bond, none. Limit, without delay.
Forfeit, none. Plans and specifications
filed.

(2835) PAINTING AND DECORATING
on above.
Contractor—L. J. Neal, 544 Hayes St.,
San Francisco.
Filed July 19, '22. Dated July 17, '22.
Work ½ completed \$334
Completed 331
Usual 25 days 225
TOTAL COST, \$893
Bond, none. Limit, 5 days. Forfeit,
none. Plans and specifications filed.

(2836) ALL WORK EXCEPT LATH-
in, plaster, tile, electric work,
plumbing, painting, papering, heat-
ing, finish hardware, fixtures,
hardwood floors & window shades
on above.
Contractor—M. C. Ingraham, 165 Fell
St., San Francisco.
Filed July 19, '22. Dated July 15, '22.
Frame up \$279.00
Enclosed 279.00
Completed 279.00
Usual 15 days 282.86
TOTAL COST, \$1,119.00
Bond, \$6,000. Sureties, J. C. Moore and
J. C. Moore Jr. Limit, 90 days. For-
feit, \$10. Plans and specifications filed.

(2837) ELECTRIC WORK ON ABOVE
Contractor—Crescent Electric Co., 289
8th St., San Francisco.
Filed July 19, '22. Dated July 17, '22.
Roughed in \$241
Completed 122
Usual 35 days 122
TOTAL COST, \$483
Bond, none. Limit, without delay.
Forfeit, \$5. Plans and specifications
filed.

RESIDENCE
(2838) LOTS 31, 32 AND 33, BLK 6,
Flint Tract Ltd. Assn. All work for
two-story frame residence.
Owner—Earl Osgood by Wm. E. Bouton,
Agent, 255 Montgomery St.,
San Francisco.
Architect—None.
Contractor—H. C. Andresen, 1299 Pearl
Ave., Alameda.
Filed July 19, '22. Dated July 17, '22.
Frame up \$1866
Brown coated 1866
Completed and accepted 1866
Usual 35 days 1867
TOTAL COST, \$7435
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

ALTERATIONS
(2839) SW GOUGH AND SACRAMENTO.
All work for alterations
to apartment building.
Owner—Mrs. Minnie Hildebrecht, SW
Gough and Sacramento Sts., S. F.
Architect—None.
Contractor—Matlock & Feasey, 251
Kearny St., San Francisco.
Filed July 19, '22. Dated July 17, '22.
On list of each month 75%
Usual 35 days 25%
TOTAL COST, \$725
Bond, \$400. Surety, National Surety
Co. Limit, forfeit, none. Plans and
specifications, filed.

DWELLINGS
(2840) E TWENTY-SEVENTH AVE
192 and 217 N. Cabrillo. Two one-
story and basement frame dwell-
ings.
Owner—H. Wissman, 2254 Clement St.,
San Francisco.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco.
Contractor—Alexander Bros., 5326 Geary
St., San Francisco. \$3000 each

REPAIRS
(2841) NW SECOND AND MINNA.
Repair fire damage to lofts and
construct new roof.
Owner—Foreigh Estate, 464 California
St., San Francisco.
Architect—None.
Contractor—C. R. Collapsy. \$6000

ALTERATIONS
(2842) SE SEVENTH & CLEVELAND
S 75x102 100. All work for remodel-
ing church building and erection
of a concrete story.
Owner—Iroch Community, Premises.
Architect—John H. Powers and John
Ahndsen, 460 Montgomery St., S. F.
Contractor—Wm. Martin, 180 Jessie St.,
San Francisco.
Filed July 20, '22. Dated July 18, '22.
At end of each month 25%
36 days after 25%
TOTAL COST, \$23,520
Bond, \$11,760. Sureties, E. T. Peterson
and Vincenzo Fassio. Limit, 100 days.
Forfeit, none. Plans and specifications
filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded	Accepted
July 20, 1922—E NOE 206.6 N 17th N	25x100. F Deppenbrock to whom it
July 20, 1922—SW GILKARD 137-6	may concern July 20, 1922
NW Mansell NW 37-6xSW 129.	Joseph S. Frattessa to whom it may
concern July 19, 1922	
July 20, 1922—N JERSEY 200 E	Church E 25xN 114. Victor Guilmes
to whom it may concern July 14, '22	
July 20, 1922—SE ASHBURY AND	Fulton E 100x25. Jos L and Sylvia
Licht to H M Hardy July 15, 1922	
July 19, 1922—W SEVENTEENTH	Ave 125 S Cabrillo S 25xW 120. A
J Duttke to R A McLean July 19, '22	
July 19, 1922—SE MADRID AND	Geneva Ave 25.7x109. Helen M
Ormsby and Duke C Ormsby to	Harry Moran July 14, 1922
July 19, 1922—LOTS 14 AND 15 BLK	3160, Westwood Park. Hans and
Esther E Nelson to whom it may	concern July 14, 1922
July 19, 1922—S HAIGHT 55 W Pierce	to 57-6xS 57-6. M I Asmusen
to Fink Anderson July 18, 1922	
July 19, 1922—NW TAYLOR AND	Golden Gate Ave 137-6 on Taylor
& uniform depth of 192-6 & 192-6	on Golden Gate Ave. W S Dinwid-
die for Junior Orpheum to Capitol	Art Metal Co. Inc. July 18, 1922
July 19, 1922—E SIXTEENTH AVE	150 N Fulton N 25x120. G E Wat-
son to whom it may concern July 18, 1922	
July 18, 1922—N CARRILLO 162-6 W	14th Ave W 50xN 124. F P Hart
to Polk Monson July 17, 1922	
July 18, 1922—N PINE 43 E Jones E	29-9xN 82-6. Blankenburg & Wil-
hamson to whom it may concern	..... July 15, 1922
July 18, 1922—SE LAKE AND 12TH	Ave E 57-6xS 75. Charles S Hoff-
man to whom it may concern July 18, 1922	
July 18, 1922—NW SUTTER AND	Powell N 112-6xW 77-6. Morris
Meyerfeld Jr to Barrett & Hilp.	..... July 12, 1922
July 18, 1922—NW LAIDLEY 75 SW	Mateo Victor Holmgren to whom
it may concern July 18, 1922	
July 18, 1922—LOT 6 BLK 3162 West-	wood Park. Glenn W and Jenny
I. Maynard to Hans Nelson July 15, 1922	
July 18, 1922—N FILBERT 75 E	Baker E 25xN 72. Carlos Mass
to A Comisky July 18, 1922	
July 18, 1922—NO. 912-914 GEARY,	Rebecca C Tucker to A L Thulin,
..... July 12, 1922	
July 14, 1922—E TWELFTH AVE 175	S Geary. August Hallgren to
Fred Warden Feb. 14, 1922	
July 17, 1922—S CHENERY AND	Roanoke SW 28-3 SE 50 NE 28-3
NW to beg; SE Chenery 25-3 SW	Roanoke SW 28-3xSE 50. SE Chen-
ery 56-5 SW Roanoke SW 28-3x	SE 50 SE Chenery 84-9 SW Roan-
oke SW 28-3xSE 50. Alfred S Hind	to Harry W Hind July 15, 1922
July 17, 1922—E THIRTY-FIRST AVE	50 S Clement S 50xSE 32-6. Addie
Belle Chapman to whom it may	concern July 10, 1922
July 17, 1922—S FILBERT 34-4 ½ W	Geneva Pl bet Kearny and Grant
Ave 21-6x57-6. Agostino Giorgi to	Fontenella & Tesa July 17, 1922
July 17, 1922—W SEVENTEENTH	Ave 225 S Anza. P. Algot Nelson
to whom it may concern July 17, 1922	
July 17, 1922—W FIFTEENTH AVE	155 N Balboa N 25xW 127-6. J. M.
and Alice N. Salazar to whom it	may concern July 12, 1922
July 17, 1922—N RUSSIA AVE 50 W	Lisbon. Wm E Grosman to whom
it may concern July 15, 1922	
July 15, 1922—E TWELFTH AVE 275	N Anza. August Hallgren to Fred
Warden Feb. 14, 1922	
July 15, 1922—S CLAY 131-3 W Scott	W 25xS 127-8 ¼. Leona R wife of
Harry Barusch to whom it may	concern July 14, 1922
July 15, 1922—N TURK 37-6 W	Leavenworth W 50xN 137-6. F J
S Conlan to G F W Jensen and	Peter Bradley July 10, 1922
July 15, 1922—LOTS 2 AND 3 BLK	3111, Westwood Park. Linnie and
Gordan W Morris to whom it may	concern July 13, 1922
July 14, 1922—E ELEVENTH AVE	100 N Cabrillo, 27x120. Gustav
Peterson to whom it may concern	..... July 14, 1922
July 14, 1922—E ASTRIO 100 S 17th	S 99-9 E 80 S 75-6 E 65 N 175 E
148. Nasser Bros to Hermann	Bosch June 29, 1922
July 14, 1922—N BALBOA 77-6 W	15th Ave N 100 x W 25. Harold
Scheier to H J Hansen. July 14, 1922	
July 14, 1922—Cong at pt 109-6 S	of Int of SW Devisadero and Ellis
W 90 x S 28. Henry Verleger to	G. Peterson July 11, 1922
July 14, 1922—S TWENTY-SIXTH	Ave 170 S Geary W 120xS 25. Max
and Emma L Boehm to H S Meln-	berger July 12, 1922
July 14, 1922—LOT 7, BLK 5 St.	Francis Wood. Luella N Farns-
worth to A. Hamerton. July 12, 1922	
July 14, 1922—S SUTTER 60 W Stock-	ton W 37-6x100. Selah Chamber-
lain to W. L. Nagel. May 11, 1922	
July 14, 1922—E SHOTWELL 235 S	14th. W. P. Stoesser to whom it
may concern July 14, 1922	

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
July 20, 1922—E FIFTEENTH AVE	98.9 S Geary S 25xE 100; No. 420
Fifteenth Ave. Peter Koenig vs	Isidore and Estelle Horn \$260
July 20, 1922—LOT 11 BLK 6 St.	Francis Wood Add. Vincent
Whitney Co vs Homer F Curtis	..... \$94.50
July 19, 1922—S ANZA 107-6 W 19th	Ave W 25xS 100. Eureka Sash,
Door & Moulding Mills vs Isadore	Schuman, Thos H Martin and A
Aherson \$100	
July 17, 1922—LOT 9, BLK 1857, on	W side 44th Ave bet Anza and Bal-
boa Sts. Richmond District. L. P.	Thompson as Thompson. Floo Co.
vs. Paul L. and Louise A. Rinck	..... \$301.75

July 16, 1922—LOT 3 BLK #112, Westwood Park. Scott Co vs Mary L. Bean\$317.42
 July 14, 1922—NO. 121-123 CLEMENT P A Smith Co vs G Moriconi and Jas H Heney.....\$375

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
 July 20, 1922—COM AT PT. 32 S Parnassus Ave and 225 E Cole S 25 E 101-4% m or 1 N 26 W 101-5%. The Greater City Lumber Co to Dorothy and Gustav Bergner.....\$1462.49
 July 19, 1922—N BRYANT 155 W Third W 20xN 80. W P Fuller & Co to Christ Madison and Anna Madison

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

July 17, 1922—E NINETEENTH AVE 200 N Clement N 25x E 120. Gertrude M Welcher with A Peterson for \$10,000.
 July 14, 1922—E FIFTH AVE 125 S Parnassus Ave S 25x E 120. Neils P Johnson with Augusta A Asplund

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am't
3114	Marquis	Owner	2800
3115	Mase	California	2000
3116	Board	Brennan	5000
3117	Barnes	Sullivan	2400
3118	Swannet	Owner	3500
3119	Keller	Keller	4250
3120	Brown	Gede	5000
3121	Woodburn	Owner	6000
3122	Harris	Owner	4000
3123	Nathan	Dolan	3975
3124	Gonsalves	Petersen	3300
3125	Warner	Petersen	3000
3126	Caracciolo	California	3000
3127	Porterfield	Norlin	3400
3128	Ogler	Fredericks	2000
3129	Hitchcock	Nickell	1000
3130	Breuner	Schnebley	2850
3131	Yeung	Owner	7000
3132	Wallace	Sullivan	2650
3133	Falk	Owner	3200
3134	Reeves	Wand	1800
3135	Stockholm	Owner	3500
3136	Cahouett	Haynes	1000
3137	Thomas	Owner	4000
3138	Antlevich	Omo	4000
3139	Marble	Owner	2500
3140	Bauer	Moe	2800
3141	Engelberg	Owner	1200
3142	Baird	Owner	5900
3143	Kallitas	Williams	88000
3144	Atkinson	McWethy	12000
3145	4th Church	Hillam	20182
3146	Light	Cederberg	10451
3147	Brazier	Owner	5000
3148	Kirkpatrick	Martin	3652
3149	Commercial	Knowles	75000
3150	Zinslen	Steffen	3000
3151	Davia	Champnez	4985
3152	Westgate	Gompertz	7000
3153	Button	Owner	4000
3154	Powell	Houch	7500
3155	Hendrickson	Owner	3500
3156	Jordan	Christensen	8000
3157	Kloe	Farrrell	4500
3158	Smith	Engler	6000
3159	McCarty	Owner	3500
3160	Brittliart	Bullock	4500
3161	Mulvaney	Owner	5000
3162	Rates	Houle	3700
3163	Newman	Rutherford	15000
3164	Reynolds	Holland	4000
3165	Pantolf	Rubenstein	2000
3166	Strieff	Holland	7000
3167	Same	Same	6000
3168	Colt	Colt	3500

3169	Whitehouse	Matheray	3400
3170	Kramer	Owner	2000
3171	Meyer	Stewart	6000
3172	Francis	Owner	1000
3173	Gastman	Owner	4000
3174	Berkeley	Smith	2150
3175	Burritt	Owner	3750
3176	Moffatt	Owner	1000
3177	Campbell	Campbell	3000
3178	Vickerson	Yerrick	15000
3179	Lavagetto	McCord	3600
3180	New Way	Aaroe	6000
3181	Blehop	Hudson	3500
3182	Fish	Owner	4500
3183	Brennan	Higgins	3300
3184	McKlunon	MacGregor	3500
3185	Yeager	Cuthbertson	7070

DWELLING

(3114) NO. 2217 CARLTON ST. Berkeley. One-story 5-room dwlg. Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley. Architect—None. Day's work. \$2800

ALTERATIONS

(3116) NO. 2114 ESSEX ST. Berkeley. Alterations and additions. Owner—J. Maas, 2925 Grove St., Bkly. Architect—None. Contractor—California Builders Co., 1534 Franklin St., Berkeley \$2000

GYMNASIUM

(3110) GRANT AND ROSE STS., Berkeley. Gymnasium. Owner—Board of Education. Architect—None. Contractor—J. P. Brennan. \$5000

DWELLING

(3117) NO. 1725 PARKER ST. Berkeley. One-story 5-room dwelling. Owner—Edw. A. Barnes. Architect—None. Contractor—John Sullivan, 6452 Harmon Court, Oakland. \$2400

DWELLING

(3118) N ARLINGTON 100 W Adeline, Oakland. One-story 5-room dwelling. Owner—M. Swannet, 5807 Occidental, Oakland. Architect—None. Day's work. \$3200

STORES

(3119) W COLLEGE AVE 262 S Claremont, Oakland. One-story 2-room stores. Owner—C. E. Keller, 404 26th St., Oakland. Architect—None. Contractor—R. Keller, 3427 Andover St., Oakland. \$4250

DWELLING

(3120) N CHATHAM 100 W Park Blvd., Oakland. 1½-story 5-room dwelling. Owner—H. E. Brown. Architect—None. Contractor—Gede & Randall, 471 Moss Ave., Oakland. \$5000

DWELLING

(3121) S CLARENDON CRESCENT, 800 W Ashmont St., Oakland. One-story 7-room dwelling. Owner—P. E. Woodburn, 3965 Greenwood Ave., Oakland. Architect—None. Day's work. \$6000

DWELLING

(3122) NW COR GRAY AND HARRINGTON, Oakland. One-story 6-rm. dwelling. Owner—A. J. Harris, 1575 36th Ave., Oakland. Architect—None. Day's work. \$4000

DWELLING

(3123) N KENMORE bet. Lakeshore and Fairbanks, Oakland. One-story 6-room dwelling. Owner—A. J. Nathan, Oakland.

Architect—None. Contractor—Leo J. Dolan, Syndicate Bldg., Oakland. \$3975

DWELLING

(3124) NE COR SIXTY-FIRST AVE and Fortune Way, Oakland. One-story 5-room dwelling. Owner—A. M. Gonsalves, 2556 61st Ave., Oakland. Architect—None. Contractor—C. Petersen, 1200 E 24th St., Oakland. \$3300

DWELLING

(3125) E HILLSIDE AVE 210.54 N Oakland Ave NE 188.10 NW 71.32 W 183.35 S 103.21, Oakland. All work for two-story and basement frame dwelling and garage. Owner—R. C. Warner, 210 Hillside Ave., Piedmont.

Architect—Chas. W. McCall, Central Bank Bldg., Oakland. Contractor—Alfred Peterson, 3918 Linwood Ave., Oakland. Filed July 14, '22. Dated July 13, '22. On 1st and 15th of each month 70% Completed and accepted. 5% Usual 35 days. TOTAL COST, \$30,670. Bond, none. Limit, 125 days. Forfeit, none. Plans and specifications filed.

APARTMENTS

(3126) NE EIGHTH AND LINDEN, Oakland. Two-story 32-rm apartments. Owner—Frank Caracciolo. Architect—None. Contractor—California Builders Co., 1534 Franklin St., Okd. \$30,000

DWELLING

(3127) W EIGHTY-NINTH AVE 100 S Holly St., being Lot 10 Map Madison Square, Oakland. All work for one-story 5-room dwelling. Owner—G. K. Porterfield, 8115 E-14th St., Oakland. Architect—None. Contractor—Rudolph Norlin, 2015 84th Ave., Oakland. Filed July 15, '22. Dated July 12, '22. Frame up ¼ Flastered ¼ Completed ¼ Usual 35 days. TOTAL COST, \$3400. Bond, none. Limit, 60 days. Forfeit, \$2. Plans and specifications filed.

DWELLING

(3128) COLUMBIA PARK, Oakland. One-story 4-room dwelling. Owner—F. R. Ogier. Architect—None. Contractor—Aug. Fredericks, 1337 Solano Ave., Oakland. \$2000

ADDITION

(3129) NO. 2222 EIGHTY-NINTH AVE., Oakland. Addition. Owner—Ruth A. Hitchcock, Prem. Architect—None. Contractor—G. N. Nickell, 1902 85th Ave., Oakland. \$1000

ALTERATIONS

(3130) NW FIFTEENTH AND CLAY, Oakland. Alterations. Owner—John Breuner. Architect—None. Contractor—Schnebley & Hostawser, 6th and Jackson St., Oakland. \$2850

DWELLINGS

(3131) S FIFTY-NINTH 250 and 285 W Racine, Oakland. Two one-story 5-room dwellings. Owner—Jas. H. Young, 4174 Emerald St., Oakland. Architect—None. Day's work. \$3500 each

DWELLING

(3132) S FORTY-SEVENTH 406 W West, Oakland. One-story 5-room dwelling.

Owner—Wallace Investment Co., 1022 Crocker Bldg., San Francisco.
Architect—None.
Contractor—H. E. Sullivan, 629 Elm St., El Cerrito. \$2650

DWELLING
(3133) NE FOURTEENTH AVE AND E-38th St., Oakland. One-story 5-room dwelling.
Owner—Pall & Sand, 536 Pacific Ave., Alameda.
Architect—None.
Day's work. \$3200

DWELLING
(3134) SW HARRINGTON & GALIN-aw, Oakland. One-story 4-room dwelling.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None.
Contractor—Percy Wand, 4016 Lyon Ave., Oakland. \$1800

DWELLING
(3135) N HIGHT CIRCLE 112 W Excelsior, Oakland. 1½-story 5-room dwelling.
Owner—L. Stockholm, 3324 Webster St., Oakland.
Architect—None.
Day's work. \$3500

DWELLING
(3136) N PLYMOUTH 99 W 101st Ave., Oakland. One-story 3-room dwelling.
Owner—J. Cahouett, Oakland.
Architect—None.
Contractor—W. A. Haynes, 2025 106th Ave., Oakland. \$1000

DWELLING
(3137) E PERALTA AVE 62 S Nicol, Oakland. One-story 8-room 2-family dwelling.
Owner—J. F. Thomas, 3069 Lynde St., Oakland.
Architect—None.
Day's work. \$1000

DWELLING
(3138) E POPLAR ST 19 S 14th, Oakland. One-story 5-room dwelling.
Owner—John Antievich.
Architect—None.
Contractor—Fred Ono, 3128 11th Ave., Oakland. \$1099

SHOP
(3139) N STANFORD AVE 220 W Lowell, Oakland. One-story 2-rm. shop.
Owner—California Marble Co., 369 Pine St., San Francisco.
Architect—None.
Day's work. \$2500

ALTERATIONS
(3140) 520 TWENTIETH ST, Oakland. Alterations and repairs.
Owner—F. Bauer, premises.
Architect—None.
Contractor—H. A. Moe, 4116 Allendale Ave., Oakland. \$2800

DWELLING
(3141) W THIRTY-FOURTH AVE 306 N Davis, Oakland. One-story 5-room dwelling.
Owner—Arthur Engelberg, 2647 34th Ave., Oakland.
Architect—None.
Day's work. \$1200

DWELLING
(3142) N WARWICK AVE 255 E Perkins, Oakland. Two-story 6-room dwelling.
Owner—L. M. Baird, 1450 Alice St., Oakland.
Architect—None.
Day's work. \$5900

APARTMENTS
(3143) NE COR E EIGHTEENTH ST and Park Blvd, Oakland. Four-story Class C apartments.
Owner—D. P. Kalitsas, 436 E. 18th St., Oakland.
Architect—None.
Contractor—Geo. A. Williams, 357 12th St., Oakland. \$88,000

DWELLING
(3144) S CLARENDON CRESCENT 600 W Ashmont. Two-story 9-rm. dwelling.
Owner—H. M. Atkinson, Chapman & Derby, Oakland.
Architect—None.
Contractor—McWethy & Greenleaf, 1512 Broadway, Oakland. \$12,000

PLASTERING, ETC.
(3145) LOT 30 AND PTN LOTS 20, 28, 29, 31, Block 152, Map Property Alameda County Land Co., Oakland. Metal lath and plaster for reinforced concrete church.
Owner—Fourth Church of Christ, Scientist, in Oakland.
Architect—Carl Werner, Humboldt Bank Bldg., San Francisco.
Contractor—E. J. Hilliam, 351 12th St., Oakland.

Filed July 7, 1922. Dated May 18, 1922.
1st day each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$20,182
Bond, \$10,092. Sureties, Globe Indemnity Co. Forfeit, \$5 day. Limit, —.
Plans and specifications not filed.

DWELLING
(3146) LOT 13 BLK K, NORTHERRAE Terrace, being cor. El Dorado Ave and Lassen St., Berkeley. Two-story dwelling and garage.
Owner—Mrs. Susie M. Light.
Architect—Reed & Corlett, Oakland Bank Bldg., Oakland.
Contractor—A. Cederborg, 1415 Excelsior Ave., Oakland.

Filed July 17, 1922. Dated July 15, 1922.
15th day each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$10,451.40
Bond, none. Sureties, none. Forfeit, none. Limit, Nov 1, 1922. Plans and specifications filed.

DWELLINGS
(3147) NO. 2308 AND 2310 CARLTON St., Berkeley. Two one-story 5-room dwellings.
Owner—Jac. W. Brazier, 1912 Blake St., Berkeley.
Architect—None.
Day's work. \$2500 each

DWELLING
(3148) NO. 716 KEELER ST., Berkeley. One-story 5-room dwelling.
Owner—Rose Kirkpatrick, 1620 Milvia St., Berkeley.
Architect—None.
Contractor—J. H. Martin, 1425 Franklin St., Oakland. \$3652

ALTERATIONS
(3149) NO 1556 BROADWAY, Oakland. Alterations.
Owner—Commercial & Savings Bank of Oakland.
Architect—None.
Contractor—Wm. Knowles, Central Bk. Bldg., Oakland. \$75,000

DWELLING
(3150) W CUTHBERT 300 N Nicol, Oakland. One-story 5-room dwlg.
Owner—Geo. E. Zinslen, 3130 Cuthbert St., Oakland.
Architect—None.
Contractor—G. W. Steffen, 1941 Crosby St., Oakland. \$3000

DWELLING
(3151) N E-SEVENTEENTH 135 W Fifth Ave., Oakland. One-story 6-room dwelling.

Owner—A. S. Davis, 434 E-17th St., Oakland.
Architect—None.
Contractor—Champey Bros., 5223 Dover St., Oakland. \$4985

WAREHOUSE
(3152) E FORTY-SEVENTH AVE 200 N E-12th St., Oakland. One-story concrete warehouse.
Owner—Westgate Metal Products Co., 47th Ave. and E-12th St., Okd.
Architect—None.
Contractor—Chas. W. Gomperts, Mills Bldg., San Francisco. \$7000

DWELLING
(3153) E HEARN 270 S Chabot Road, Oakland. One-story 5-room dwlg.
Owner—F. Button, 270 Mather St., Oakland.
Architect—None.
Day's work. \$4009

DWELLING
(3154) E LAKESHORE AVE 46 S Rosal Ave., Oakland. Two-story 7-room dwelling.
Owner—Caroline Powell, 41st & Telegraph Ave., Oakland.
Architect—None.
Contractor—H. L. Houch, 4445 Evans Ave., Oakland. \$7500

DWELLING
(3155) E RAYMOND 200 N Alcatraz, Oakland. One-story 5-room dwlg.
Owner—A. Hendrickson, 3588 Fruitvale Ave., Oakland.
Architect—None.
Day's work. \$3500

ALTERATIONS
(3156) NW TWENTIETH & BROADWAY, Oakland. Alterations and repairs.
Owner—Fred Jordan, Athens Hotel, Oakland.
Architect—None.
Contractor—H. J. Christensen, Federal Bldg., Oakland. \$8000

(3157) NO. 2336 CROWNING, Berkeley. One-story 6-room dwelling.
Owner—Mrs. K. Klee, 931 Vallejo St., San Francisco.
Architect—None.
Contractor—C. D. Farrell, 2418 Roosevelt St., Berkeley. \$4509

DWELLING
(3158) NO. 2305 HOWE ST., Berkeley. Two-story 6-room dwelling.
Owner—L. R. Smith, Stockton.
Architect—None.
Contractor—Louis Engler, 2946 Forest St., Berkeley. \$5000

DWELLING
(3159) NO. 1221 SHATTUCK AVE., Berkeley. One-story 5-room dwlg.
Owner—Richard D. McCarthy, 1215 Shattuck Ave., Berkeley.
Architect—None.
Day's work. \$3500

DWELLING
(3160) NO. 1026 SHATTUCK AVE., Berkeley. One-story 5-room dwelling.
Owner—Z. Brittlart, 2320 Russell St., Berkeley.
Architect—None.
Contractor—O. M. Lullock, 303 Hudson St., Oakland. \$4500

STORE
(3161) NO. 1403 PARK ST., Alameda. One-story tile store.
Owner—Noble & Mulvaney, 1401 Park St., Alameda.
Architect—None.
Day's work. \$5009

DWELLING
(3162) NO. 1064 PARK AVE., Alameda. One-story 5-room dwelling.
Owner—Mrs. E. A. Bates, 2431 Bay Island Ave., Alameda.
Architect—None.
Contractor—Henry Houle, 2553 Seminary Ave., Oakland. \$3700

APARTMENTS

(3163) SE AILEEN AND DOVER.
Oakland. Two-story 16-room apart-
ments and one-story tile garage.
Owner—Alfred and Italia Newman,
2310 San Jose Ave., Alameda.
Architect—None.
Contractor—Thomas Rutherford, 985
35th St., Oakland. \$16,000

STORES

(3164) W COLLEGE AVE 50 N Har-
wood, Oakland. One-story 2-room
frame store.
Owner—P. M. Reynolds, 366 63rd St.,
Oakland.
Architect—None.
Contractor—W. J. Holland, 2618 1/2
Grove St., Berkeley. \$4000

ALTERATIONS

(3165) NO. 603 CASTRO ST., Oakland.
Alterations
Owner—Nicolo Pantolf.
Architect—None.
Contractor—K. Rubenstein, 668 6th St.,
Oakland. \$2000

DWELLING

(3166) NW CROSS ROADS AND
Piedmont Path, Oakland. One-
story 6-room dwelling and garage.
Owner—Mrs. P. Strieff, 29 Laguna St.,
San Francisco.
Architect—None.
Contractor—W. J. Holland, 2618 1/2
Grove St., Berkeley. \$7000

DWELLING

(3167) W CROSS ROADS 40 W Pied-
mont Path, Oakland. One-story 6-
room dwelling.
Owner—Mrs. P. Strieff, 29 Laguna St.,
San Francisco.
Architect—None.
Contractor—W. J. Holland, 2618 1/2
Grove St., Berkeley. \$5,500

DWELLING

(3168) S E-TWENTY-SEVENTH 250
W 21st Ave., Oakland. One-story
6-room dwelling.
Owner—C. B. Colt, 306 14th St., Oak-
land.
Architect—None.
Contractor—R. Colt, 306 14th St., Oak-
land. \$3950

DWELLING

(3169) S EL CAMILE AVE 436 W
Fifty-fifth Ave., Oakland. One-
story 5-room dwelling.
Owner—Emma M. Whitehouse, 1505
7th Ave., Oakland.
Architect—None.
Contractor—L. B. Mathayer Co., 1365
Hopkins St., Oakland. \$3400

DWELLING

(3170) W EASTMAN 120 S Penniman,
Oakland. One-story 4-room dwlg.
Owner—Kramer Bros., 3900 Allendale
Ave., Oakland.
Architect—None.
Day's work. \$2000

DWELLING

(3171) E FOURTEENTH AVE 300 N
E-27th, Oakland. One-story 12-
room 2-family dwelling.
Owner—G. Meyers, 628 12th St., Okd.
Architect—None.
Contractor—S. L. Stewart, 831 16th St.,
Oakland. \$6000

WAREHOUSE

(3172) W FORTIETH AVE 70 N E-
14th, Oakland. One-story frame
warehouse.
Owner—E. O. Francis, 3940 E-14th St.,
Oakland.
Architect—None.
Day's work. \$1000

DWELLING

(3173) NO. 2539 REGAL ROAD, Ber-
keley. Two-story 6-room dwelling
Owner—Gastman-Mallett Co., Acheson
Bldg., Berkeley.
Architect—None.
Day's work. \$4000

FIRE REPAIRS

(3174) NO. 2519 RIDGE ROAD, Ber-
keley. Fire repairs.
Owner—Berkeley Bank of Savings.
Architect—None.
Contractor—Harry C. Smith, 2011
Francisco St., Berkeley. \$2150

DWELLING

(3175) E BEST AVE 80 S Kingsland
Ave., Oakland. One-story 6-room
dwelling.
Owner—Burritt & Shealey, 2757 Bear
Ave., Oakland.
Architect—None.
Day's work. \$3750

DWELLING

(3176) S BIRDSALL 100 W Meldron,
Oakland. One-story 5-room dwlg.
Owner—H. J. Moffatt, 4851 Birdsall
Ave., Oakland.
Architect—None.
Day's work. \$1000

DWELLING

(3177) E EIGHTY-SECOND AVE 200
N Olive, Oakland. One-story 6-
room dwelling.
Owner—Nettie M. Campbell, 2039 82nd
Ave., Oakland.
Architect—None.
Contractor—Geo. K. Campbell, 2039 82d
Ave., Oakland. \$3000

FLATS

(3178) S FIFTY-SECOND 56 W Grove,
Oakland. Two-story 14-room flats.
Owner—Dr. J. I. Wickerson, 1551 8th
St., Oakland.
Architect—None.
Contractor—A. J. Yerrick, 5255 College
Ave., Oakland. \$15,000

DWELLING

(3179) N FORTY-SIXTH 150 W Grove,
Oakland. One-story 5-room dwlg.
Owner—Louie Lavagetto.
Architect—None.
Contractor—J. A. McLeod, 4517 Market
St., Oakland. \$3000

DWELLING, ETC.

(3180) E GROVE 65 N 56th St., Oak-
land. Two-story store and dwlg.
Owner—New Way Plumbing Co., 5603
Grove St., San Francisco.
Architect—None.
Contractor—A. J. Aaroe, 5603 Grove St.,
Oakland. \$6000

DWELLING

(3181) W PERALTA AVE 150 S Mont-
clair, Oakland. One-story 5-room
dwelling.
Owner—Robert Bishop.
Architect—None.
Contractor—L. G. Hudson, 1771 Evers
Ave., Oakland. \$3500

DWELLING

(3182) N PARK BLVD. 264 W Brook-
lyn, Oakland. One-story 5-room
dwelling.
Owner—L. C. Fish, 1444 Third Ave.,
Oakland.
Architect—None.
Day's work. \$4500

DWELLING

(3183) W THIRTY-SEVENTH AV 545
N E-Fourteenth, Oakland. One-
story 5-room dwelling.
Owner—M. Brennan, Federal Bldg.,
Oakland.
Architect—None.
Contractor—J. Higgins, 5250 Miles Ave
Oakland. \$3300

DWELLING

(3184) E WEBSTER 100 S Fortieth
Oakland. One-story 5 room dwlg.
Owner—David McKinnon, 5844 College
Ave., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th
St., Oakland. \$3500

DWELLING

(3185) LOT 23 Berkeley Heights, Ber-
keley. All work for dwelling.

Owner T. H. Yeager, 2640 Derby St.,
Oakland.
Architect—R. C. Shand, 141 Hillside
Ave., Oakland.
Contractor—Thos. A. Cuthbertson, 1766
12th Ave., San Francisco.
Filed July 20, '22. Dated July 19, '22.
Roof boards in place. 1/4
Brown coated. 1/4
Completed. 1/4
Usual 35 days. 1/4
TOTAL COST, \$7070
Bond, none. Limit, Oct. 30. Forfeit,
none. Plans and specifications, none.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded July 20, 1922—Accepted
July 20, 1922—NO. 672 SANTA REY
Ave., Oakland. B S Hanson to
Roger Colt. July 17, 1922
July 20, 1922—PTN LOT 7 BLK "U"
Revised Map Oakland Heights,
Oakland. E S Johnston to Axel
Sommerstrom. July 17, 1922
July 20, 1922—LOT 12 BLK "B" Linda
Rosa Tract, Oakland. Louise Godon
to Jas B Petersen. July 20, 1922
July 19, 1922—NW EIGHTY-SECOND
Ave 46 NE Holly NE 40xNW 125,
Oakland. F Gahriath to C L
Hewitt. July 11, 1922
July 19, 1922—NW BROADWAY
Terrace 106.5 SW Belgrave Place
NW 66.83 NE 35 SE to Broadway
Terrace SW 43.97, Oakland. Law-
ton & Vezy to whom it may con-
cern. July 10, 1922
July 18, 1922—W GRANT 26 S Blake
S 39xW 70, Berkeley. Mina C
Ahrens to whom it may concern.
July. 1922
July 18, 1922—569 THIRTY-NINTH
St., Oakland. E Julio to B H Rider
July 18, 1922—E OAK 35 S 11th 8 35
x E 90, Oakland. Maria E Lainhas
to Harry C Knight. July 10, 1922
July 18, 1922—LOT 43 Fourth Ave.
Terrace Extn, Oakland. Edwin A
Hemenway to whom it may con-
cern. June 1, 1922
July 17, 1922—SW LINCOLN AND
California W 48xS 80, Berkeley.
Russell Mills to Roy O Long Co.
July 12, 1922
July 17, 1922—LOT AT AND ADJ NO.
510 RUIDALE AVE., Berkeley. E O
Easig to Roy O Long Co. July 14, '22
July 17, 1922—S MONTELL AVE 100
F Piedmont Ave., Oakland. B T
Scott to S C Walker. July 10, 1922
July 17, 1922—NW DERBY AVE 70
NE E-12th NE 35xNW 123.38, Oak-
land. Robert C Scheile to Arthur
W Broadway. July 15, 1922
July 17, 1922—SW TELEGRAPH AV
and Thirty-eighth W 130xS 50,
Oakland. Percy & Robert Robins
to Alex C Wieben. July 11, 1922
July 15, 1922—E CANYON 400 N
Hopkins 50x112, Oakland. Frank
Holiday to L G Hudson. July 15, 1922
July 15, 1922—SW GARNET AND
Broadway 35x100, Oakland. Manna
Krygell to James L Rich. July 15, '22
July 15, 1922—E 45 LOT 34 Map
Estate John Evoy Plot 36, Oakland
C and Lucy Torres to Ried & Isbel
July 11, 1922
July 15, 1922—PTN PLOTS 6 AND 7,
Indian Glenn, Oakland. Geo E
Bernett by W E Schirmer to Harry
Schwalm. July 13, 1922
July 15, 1922—REAR 50 LOTS 60
and 61, Oakland Prospect Home-
stead Tract, Oakland R J
Schmidt to whom it may concern.
July 11, 1922
July 15, 1922—N 35 LOT 80, Piedmont
Manor, Piedmont, R Travers Welch
to F H Flomcombe and E Field. July
11, 1922
July 11, 1922—E OXFORD 107-5 N
Cedar 37-5x134-7, Berkeley. Wm
and Idah Martin by Susie Ray Bar-
rett to C B Crane. July 12, 1922

July 14, 1922—NEAR WEBSTER Junction Station, Alameda. Associated Oil Co to A H Vogt..... July 5, 1922

July 14, 1922—SE BELGRAVE PL and NW Broadway Terrace NE 80 SE 60.53 SW 100.50, Okd. Lawton & Vezey to whom it may concern.... July 12, 1922

July 14, 1922—NE PARK BLVD AND E-19th, Oakland H E and Mrs. B E Powell to Gordon Wisner..... July 12, 1922

July 14, 1922—LOT 46 AND SW 10 Lot 47 Blk 14 Map Key Heights, Oakland. Brock & Lena Lafeffe to Jos Flittner..... July 13, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
July 18, 1922—LOT 13 BLK 6 Map Higgins Tract, Berkeley. Rhodes Jamieson & Co vs M P Graves.....	\$53.50
July 18, 1922—DEED ON N B Lands of Perry; S by lands of Vedal; W by lands of Caton and E by lands of Lemos, Washington Tp. Henry P Machado vs Pete Vergonino.....	\$82

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded	Amount
July 19 1922—S 12 1/2 LOT 20, all Lot 21 Blk 7 Map Key Route Heights, Oakland. Arthur Henry Seccombe to Lewis A Ratcliff and William Ternbrook.....	\$36
July 15, 1922—LOT 39 BLK 2, Map Fourth Avenue Heights, Oakland. Hagan Lumber & Mill Co, \$892.24; Schaefer Bros, \$632.30 to Myrtle Harmon and A T Hendricks.....	
July 15 1922—LOT 38 BLK 2, Map Fourth Avenue Heights, Oakland. C F MacMurly to A T Hendricks, W C and Lela Gardner.....	\$142

Notice of Non-Responsibility

ALAMEDA COUNTY

July 15, 1922—NW FIFTEENTH AND Grove N 115.5x W 17.5, Oakland. Herbert F and Louis Kellogg, Anita K Patterson, Abba K Proctor, and Fanny K Howard as to improvements on property.....

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$25,000 and Over Reported

SCHOOL
FRANKLIN, Cal. All work for Franklin Union School Building.
Owner—Franklin Union School District, Franklin, Cal.
Architect—None.
Contractor—Joseph Chirhart.
Filed July 18, '22. Dated July 17, '22.
TOTAL COST, \$11,775
Bond, limit forfeit, plans and specifications, none.

DWELLING, two-story 8-room, \$8750; No. 1224 44th St., Sacramento; owner, W. J. Rooney, 817 J St., Sacramento; contractor, W. C. Keating, 1714 27th St., Sacramento.
DWELLING, one-story 5-room, \$3600; No. 2753 27th St., Sacramento; owner, G. A. Godbensen, 2090 K St., Sacramento; day's work.
DWELLING, one-story 4-room, \$3900, No. 1405 41st St., Sacramento; owner, H. J. Devine, 1322 Q St., Sacramento; contractor, Chas. Peterson, 1340 18th St., Sacramento.
DWELLING, two-story, \$6000; No. 1818 F St., Sacramento; owner, W. P. Geiser and ux., 1818 T St., Sacra-

mento; contractor, Hendrow & Finnigan, 1814 17th St., Sacramento
DWELLING, one-story 5-room, \$4500; No. 1240 37th St., Sacramento; owner, Ernest Strauch, 2924 S St., Sacramento; contractor, John T. Hunt, 3781 6th Ave., Sacramento.
REPAIRS, \$4000; 2230 J St., Sacramento; owner, W. R. Britland, 2224 J St., Sacramento; contractor, L. F. Gould, 600 Ventura Ave., Sacramento.

DWELLING, \$2500; 620 29th St., Sacramento; owner, A. L. Da Rosa, 1200 H St., Sacramento; contractor, Frank Lopes, 2100 3rd St., Sacto.
REPAIRS, \$7200; 113 J St., Sacramento; owner, M. Stulsaf Co., 1403 1st St., Sacramento; contractor, A. W. Norris, Peoples Bank Bldg., Sacto.
DWELLING, \$2700; 908 32nd St., Sacramento; owner, J. L. Delma and B. Miller, 445 33th St., Sacramento; contractor, B. R. Peterson, 2410 V St., Sacramento.
DWELLING, \$5900; 218 3rd Ave., Sacramento; owner, Ellen Cassidy, Grass Valley, Cal.; contractor, Robt. Powell & Co., 1369 6th St., Sacramento.
DWELLING, \$2500; 3191 Marshall Ct. Sacramento; owner, A. M. McFarlane, 821 42nd St., Sacramento; day's work.

LIENS FILED

SACRAMENTO COUNTY

Recorded	Amount
July 14, 1922—LOTS 3 AND 4 BLK 27, Fair Oaks, Cal. General Supply Co vs Jeanette J Larkin et al.....	\$215.19

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

\$25,000 and Over Reported

BUILDING
LOTS 26 & 27, Schroeder Tract, Lodi. All work for building.
Owner—Joseph K. Newfield, 111 N. Rose St., Lodi.
Architect—None.
Contractor—H. H. Henning, Lodi.
Filed July 12, '22. Dated June 27, '22.
TOTAL COST, \$13,198
Bond, none. Limit, 90 working days. Forfeit, plans and specifications, none.

BUILDING
LOTS 7 AND 9 BLK 284, Stockton. All work for building.
Owner—California Packing, Cptn. 1002 E-Hazelton St., Stockton.
Architect—None.
Contractor—D. Briganti.
Filed July 14, '22. Dated July 12, '22.
TOTAL COST, \$4300
Bond, none. Limit, 30 working days. Forfeit, plans and specifications, none.

BUILDING
LOTS 9 AND 11 BLK A, Murphy Tract, Stockton. All work for building.
Owner—Fetc and Joseph Busalacchi, 522 N-Lincoln St., Stockton.
Architect—None.
Contractor—L. E. Hirtzig and M. A. Orcutt.
Filed July 18, '22. Dated July 15, '22.
TOTAL COST, \$—
Bond, none. Limit, 90 working days. Forfeit, plans and specifications, none.

RESIDENCE, \$1700; E Scotts St., Stockton; owner, Charles Pellaton 2639 Merton St., Stockton; day's work.
RESIDENCE, \$1750; S-Sutter St., Stockton; owner, G. McElhany, 1420 S-Sutter St., Stockton; day's work.
REMOVAL, \$4500; Agricultural Park, Stockton; owner, County of San Joaquin, day's work.

BOX SHED, \$4500; E Scott St., Stockton; owner, California Packing Cptn, 1002 E-Hazelton St., Stockton; day's work.
RESIDENCE, \$1200; S Grant St., Stockton; owner, Mrs. G. Cooper, Hotel Stockton, Stockton; day's work.
FREIGHT STATION, \$11,000; E-Market St., Stockton; owner, Western Pacific Railway, Market and Union Sts., Stockton; day's work.

BUILDING CONTRACTS

FRESNO COUNTY

\$2,500 and Over Reported

BLEACHERS, \$2500; New High School Grounds; owner, Fresno City School District, Fresno; contractor, Bert Harris.
DWELLING, \$3400, No. 737 Terrace Ave., Fresno; owner, F. F. Kerr, 3760 Washington St., Fresno; contractor, W. B. Watson, Fresno.
DWELLING, \$3000; No. 505 Thorne St., Fresno; owner, J. Campidonia, 841 Safford St., Fresno; day's work.
DWELLING and garage, \$3500; No. 595 McKinley Ave., Fresno; owner, W. O. Pickford, 653 McKinley St., Fresno; contractor, Yarnell & Garges, 1014 S-4th St., Fresno.
REPAIR fire damage on Edgerly Bldg., \$25,000; Edgerly Bldg., Fresno; owner, Patterson Estate, Fresno; contractor, E. J. Farr, 245 North-camp St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Accepted
July 15, 1922—W 1/2 LOT 5, all Lots 6 and 7 and E 1/2 Lot 8 Blk 11, Central Addition, and fml parts Lots 1 and 2 Blk 369, Fresno. F L Montague to whom it may concern.....	July 14, 1922
July 15, 1922—LOTS 11, 12 AND 13 Blk 16, Arlington Heights, Fresno. N E Wilkinson to whom it may concern.....	July 14, 1922
July 14, 1922—LOTS 9 AND 10 BLK 43, Fowler. Paul H Hutchinson to whom it may concern, July 12, 1922	July 12, 1922
July 14, 1922—LOTS 17 AND 18 BLK 13, North Park Terrace, Fresno. Georgia C Smith to whom it may concern.....	July 1, 1922
July 12, 1922—E 20 FEET LOT 2, W 20 ft. Lot 3 Blk 35, Arlington Heights Tract, Fresno. O N Leathers to whom it may concern.....	July 10, 1922
July 13, 1922—LOT 3 BLK 57, Sierra Vista Add No. 3, Fresno. Fresno Bldg Cptn to whom it may concern.....	July 11, 1922
July 13, 1922—LOT 2 BLK 58, Sierra Vista Add No. 3, Fresno. Fresno Bldg Cptn to whom it may concern.....	July 11, 1922

LIENS FILED

FRESNO COUNTY

Recorded	Amount
July 15, 1922—LOT 6 BLK 10, Alta Vista Tract, Fresno. Swastika Lumber Co vs Paul & Quinn.....	\$383

LIENS FILED

FRESNO COUNTY

Recorded	Amount
July 15, 1922—LOT 39, Easterly Ranch, Fresno. M Kellner & Son Lumber Co vs T C Greene.....	\$404

BUILDING CONTRACTS

CONTRA COSTA COUNTY

CONCRETE BLDG., two-story, \$65,000; Macdonald Ave Cor 11th St, Richmond; owner, A. Winters, 329 Macdonald Ave, Richmond; architect, A. W. Cornelius, Merchants' National Bank Bldg., San Francisco; contractor, P. M. Sanford, Richmond. Work started.

DWELLINGS, \$4750 each; E Key bet. Barrett and Roosevelt, Richmond; owner, Bay City Home Builders, 24 Montgomery St., San Francisco; contractor, Geo. Wagner, 251 Kearny, San Francisco.

COTTAGE, \$4750; McLaughlin bet. Esmond and McBryde, Richmond; owner, Bay City Home Builders, 24 Montgomery St., San Francisco; architect and contractor, Geo. Wagner, 251 Kearny St., San Francisco.

DWELLING, \$2500; Alameda St. bet. Bay View and Park, Richmond; owner, Tony Leonard, Alameda and Bay View, Richmond. Day work.

COTTAGE, \$2000; Macdonald Ave. bet. 33rd and 35th, Richmond; owner, O. Chilesmedos, 3320 Wall St., Richmond; day's work.

DWELLING, \$4000; 38th bet. Roosevelt and Clinton, Richmond; owner, R. H. Bergen, 4027 Clinton Ave., Richmond; contractor, K. J. Henning.

BUILDING CONTRACTS

SANTA CLARA COUNTY

\$1000 and Over Reported

BUNGALOW
PALO ALTO, Cal. All work for one-story frame and plaster bungalow. Owners—Mr. and Mrs. Raymond, 576 Lincoln Ave., Palo Alto, Cal. Architect—None.
Contractor—Wells P. Goodenough, 435 Tennyson St., Palo Alto.
Filed July 7, 1922. Dated July 3, 1922.
Frame up 25%
Plastering, ready for finishing..... 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, \$5655

Bond, \$2827.50. Sureties, Z. S. Shaffning. Forfeit, none. Limit, 60 working days from July 3, 1922. Plans and specifications filed.

CONCRETE BLDG.
MARKET ST., San Jose, Cal. All work for a two-story reinforced concrete building.
Owner—Central Improvement Co. of San Jose.
Architect—Wolfe & Higgins, Auzerals Bldg., San Jose, Cal.
Contractor—D. J. Byron, 1249 The Alameda, San Jose.

Filed July 11, 1922. Dated July 10, 1922.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$11,715

Bond, \$20,557.50. Sureties, Geo. C. Singletary and Raymond M. Byron. Forfeit, \$25 a day. Limit, 120 working days from July 11, 1922. Plans and specifications filed.

RESIDENCE
NEAR SARATOGA, Cal. All work for a 1½-story frame residence.
Owner—Hamilton Morgan, 1696 McAlister St., San Francisco.

Architect—None.
Contractor—O. H. Anderson, Monte Vista, Cal.
Filed July 13, 1922. Dated July 12, 1922.
Frame up \$741.25
Roof on and brown coated 741.25
Completed and accepted 741.25
Usual 35 days 741.25
TOTAL COST, \$2965

Bond, none. Sureties, none. Forfeit, none. Limit, 90 working days from date of commencement. Plans and specifications filed.

DWELLING
SAN JOSE. All work except electric fixtures and window shades for four-room dwelling.
Owner—Magdalena Lener, San Jose.
Architect—None.
Contractor—Jerome Garcia, 1052 S-1st St., San Jose.
Filed July 13, '22. Dated July 6, '22.
As work progresses.....

TOTAL COST, \$2500
Bond, none. Limit, 90 working days from July 10, 1922. Forfeit, \$2. Plans and specifications filed.

DWELLING
SEVENTEENTH ST., San Jose. All work for one-story frame dwelling.
Owner—G. A. Crawfis.
Architect—None.
Contractor—George L. Honore, 156 Race St., San Jose.
Filed July 7, '22. Dated July 7, '22.
Building framed \$300
Plastered 600
Completed 500
Usual 35 days 200
TOTAL COST, \$2100

Bond, limit, forfeit, none. Plans and specifications filed.

BUNGALOW
SAN JOSE. All work for frame bungalow and garage.
Owner—Edward A. and Mary O. Walker, 409 Illinois St., San Jose.
Architect—None.
Contractor—A. J. Nielsen, 156 S-20th St., San Jose.
Filed July 14, '22. Dated July 11, '22.
Garage built and studding in
Place \$620
Roof rustic, electric wiring and lathing done 620
Completed 620
Usual 35 days 620
TOTAL COST, \$2480

Bond, none. Limit, 60 working days from July 11. Forfeit, none. Plans and specifications filed.

RESIDENCE
STANFORD UNIVERSITY. All work for two-story residence.
Owner—Joseph Stancliffe Davis, Stanford University.
Architect—Elmer M. Clark, Stanford University.
Contractor—Walters & Grove, San Francisco.

Filed July 12, '22. Dated July 8, '22.
As work progresses..... 75%
Usual 35 days 25%
TOTAL COST, \$15,600

Bond, \$7800. Surety Fidelity and Deposit Co. of Maryland. Limit, 100 working days from July 12. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
July 7, 1922—SAN JOSE. Frank Cianciarulo to J. E. Perkins.....
July 10, 1922—SAN JOSE. Joseph W. Pappassi to whom it may concern..... June 28, 1922
July 13, 1922—SAN JOSE. A. M. Elliott to A. M. Elliott..... July 8, 1922
July 13, 1922—PALO ALTO. Hilda V. Tanner to whom it may concern.....
..... July 3, 1922

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
July 6, 1922—NEAR SANTA CLARA. E. W. Stewart vs Geo. E. Patton, Nellie Patton, Homer Knowles Pottery Co., Inc. and Frank L. Hoyt..... \$2061.86
July 7, 1922—SAN JOSE. Glenwood Lumber Co. vs Margaret S. Brown..... \$180.03
July 12, 1922—PALO ALTO. M. L. Dand vs J. L. Drysdale..... \$387

BUILDING CONTRACTS

SAN MATEO COUNTY

DWELLING
LOCATION NOT GIVEN. All work for dwelling and garage.
Owner—Walter Krug.
Architect—None.
Contractor—E. S. Shaver, 828 Highland St., San Mateo.
Filed July 14, '22. Dated July 11, '22.
Roofing
Plastered
Completed
Usual 35 days.....
TOTAL COST, \$3960

Bond, none. Limit, 60 working days. Forfeit, plans and specifications, none.

DWELLING
BURLINGAME HEIGHTS N 50 FT. LOT 24, Burlingame. All work for one-story frame dwelling.
Owner—Sarah L. Boekenogon.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wilson & Benson, 336 Ashton Ave., San Francisco.
Filed July 10, '22. Dated June 30, '22.
Sheathed \$1175
Brown coated 1175
Completed 1175
Usual 35 days 1175
TOTAL COST, \$4700

Bond, \$2350. Sureties, Edwin Peterson and Chas. Monson. Limit, 90 working days. Forfeit, none. Plans and specifications, filed.

DWELLING
LOTS 26 AND 27 BLK 3, Glenwood Park, Burlingame. All work for one-story basement and attic dwelling and garage.
Owner—Henry William and Gladys Flora Boekenogon.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wilson & Benson, 336 Ashton Ave., San Francisco.
Filed July 1, '22. Dated June 30, '22.
Sheathed \$1625
Brown coated 1625
Completed 1625
Usual 35 days 1625
TOTAL COST, \$6509

Bond, \$3250. Sureties, Edwin T. Peterson and Chas. Monson. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

PIERCE-BOSQUIT
Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

RESIDENCE

LOT 36 BURLINGAME HEIGHTS, Burlingame. All work for one-story residence and garage.
Owner—A. F. Roller, 117 Front St., San Francisco.

Architect—Owner.
Contractor, Leach & Wiseman, 207 2nd St., San Mateo.

Filed July 13, 1922. Dated July 8, '22.
Framed 26%
Plastered 26%
Completed 25%
Usual 35 days 25%

TOTAL COST, \$7540.00
Bond, none. Limit, 90 working days.
Forfeit, none. Plans only filed.

BUNGALOW

LOT 6, BLK. 5, BURLINGAME TERRACE, Burlingame. Furnish and construct one bungalow and garage.

Owner—H. E. Jenkins and G. H. Stern, 1117 Juanita Ave., Burlingame.
Architect—None.

Contractor—Thomas N. Gesso, 1405 Grove St., Burlingame.

Filed July 17, 1922. Dated June 13, 1922.
Framed \$62.50
Inside plastered \$62.50
Completed and accepted \$62.50
Usual 35 days \$62.50

TOTAL COST, \$3850.00
Bond, none. Sureties, none. Forfeit, none. Limit, none. Plans and specifications not filed.

BUNGALOW

LOT 10, BLK. 6, BURLINGAME PARK, Burlingame. Furnish and construct one-story bungalow and garage.

Owner—L. A. Cavalier, 137 Channing, Burlingame.

Architect—E. Norberg, 409 Occidental Ave., Burlingame.

Contractor—Thomas N. Gesso, 1405 Grove St., Burlingame.

Filed July 17, 1922. Dated June 8, 1922.
Framed \$1562.50
Inside plastered \$1562.50
Completed and accepted \$1562.50
Usual 35 days \$1562.50

TOTAL COST, \$6250.00

Bond, none. Sureties, none. Forfeit, none. Limit, none. Plans and specifications not filed.

DWELLING

LOTS 3 AND 5 BLK 4 Redwood Highlands, Redwood City. All work for one-story dwelling.

Owner—C. H. Holt Realty Co., 39 Montgomery St., San Francisco.

Designer—Louis N. Pollard, 55 Brewster St., Redwood City.

Contractor—Louis N. Pollard, 55 Brewster St., Redwood City.

Filed Dated June 21, 1922.
Roofed \$375
Plastered 375
Accepted 375
Usual 35 days 375

TOTAL COST, \$1600
Bond, \$1500. Sureties, W. P. Gray and Z. T. Thorning. Limit, 45 working days.
Forfeit, none. Plans and specifications none.

BUNGALOW

PLAT 51 OF LOT 18, Toler Sbdv'n, Rummeyfield. All work for one-story bungalow.

Owner—W. H. and Mary A. Barnett, Architect—Dudrich Lumber Co., 607 Alma St., Palo Alto.

Contractor—John Duffield, 261 Middlefield, Palo Alto.

Filed July 14, '22. Dated July 14, '22.
TOTAL COST, \$2200

Bond, none. Limit, 90 working days.
Forfeit, none. Plans and specifications filed.

CLASSROOMS

VANCOUVER AND BROADWAY, Burlingame. All work for two classrooms.

Owner—Burlingame School District.

Architect—Ernest L. Norberg, 409 Occidental Ave., Burlingame.

Contractor—W. O. Nicolaides, 218 Peninsula St., Burlingame.

Filed July 14, '22. Dated July 6, '22.
1st of each month 76%
Usual 35 days 26%

TOTAL COST, \$1250
Bond, none. Limit, 30 days. Forfeit, \$5. Plans and specifications filed.

BARN

ON COUNTY ROAD AT SAN BRUNO, Cal., commonly known as Tanforan Race Course. Furnish and construct two 36-stall barns, one 28-stall barn and one 20-stall barn. One-story buildings.

Owner—Pacific Coast Jockey Club, First Natl. Bank Bldg., San Francisco.

Architect—A. M. Allen, premises.
Contractor—Joe Piasecki, 1219 Arguello Blvd., San Francisco.

Filed July 19, 1922. Dated July 19, 1922.
First floor, flooring, etc., each

barn in place 10%
Ready for roof, boards, and 40%
stalls in place 40%
Upon occupation 25%
Usual 35 days 25%

36-stall barns, each \$5616
24-stall barns, each 4324
20-stall barn 3140

TOTAL COST, \$—
Bond, \$33,696. Sureties, W. A. McDonald and Anna G. Lane. Forfeit, none. Limit 60 working days. Plans and specifications filed.

WAREHOUSE

SAN MATEO DRIVE near Bywater Ave., 50x100 ft., Burlingame. Furnish and construct on-story and mezzanine floor brick warehouse.

Owner—J. D. Cuthbert, Livermore, Cal. Architect—None.

Contractor—Thomas J. Broderick, 1528 Cypress, Burlingame.

Filed July 19, 1922. Dated July 22, 1922.
Ready for mezzanine floor \$2500
Brick wall completed 2500

Completed and accepted 2500
Usual 35 days 3918

TOTAL COST, \$9418
Bond, none. Sureties, none. Forfeit, \$5 day. Limit, 75 working days. Plans and specifications filed.

RESIDENCE

SE SIDE THIRD AVE HOMESTEAD, adjacent to San Mateo. Furnish and construct two-story residence.

Owner—Louis A. Bovet, Homestead, San Mateo.

Architect—T. M. Edwards, 833 Market St., San Francisco.

Contractor—Leonard Dorguardi, Dumbarton Ave., Redwood City.

Filed July 19, 1922. Dated July 10, 1922.
Second story floor joist placed \$592
Browned interior 592

Interior millwork placed 592
Completed and accepted 592
Usual 35 days 7857

TOTAL COST, \$31,425
Bond, \$15,712.50. Sureties, Hartford Accident and Indemnity Co. Forfeit, \$10 day. Limit, 120 working days. Plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded July 23, 1922—LOT 14 BLK 9, Palo Alto, Burlingame. Theodore Auga to W O Nicolaides July 9, 1922
July 14, 1922—LOT 21 BLK 37, Easton No. 2, Burlingame. W O Nicolaich to whom it may concern July 14, 1922

LIENS FILED

SAN MATEO COUNTY.

Recorded July 19, 1922—LOT 24 BLK 30, Easton Addition No. 2, Burlingame. Thomas Bradley et al to W O Nicolaides July 3, 1922
July 19, 1922—LOT 20 BLK 11, Burlingame. Terrace, Burlingame. Nelson & Shirley % Lewis A Nelson to Seolais July 18, 1922
July 19, 1922—NW EL CERITO AND Ranleigh Aves., Burlingame. Philip Bush to The Unit Builders and Edward Riedy July 18, 1922
July 19, 1922—S BURLINGAME AVE bet. Past Road and Primrose Ave., Burlingame. James Lawrence to J S Sampson Co. July 12, 1922

RELEASE OF BUILDING CONTRACT

SAN MATEO COUNTY

July 11, 1922—Walter Krug, owner with E. S. Shaver for constructing residence on Lot 4 Corbett St., Burlingame. Contract recorded June 28, 1922; Signed, June 28, 1922.

OFFICIAL PROPOSALS

(Continued from Page 15)

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Foreman Building, Sacramento, Cal., until 3 o'clock P. M., on August 7, 1922, at which time they will be publicly opened and read for construction in accordance with the specification therefor to which special reference is made, portions of State Highway as follows:

Los Angeles County, between Quail Lake and Northerly Boundary (VII-LA-4-D), about ten and four-tenths (10.4) miles in length 3.4 miles to be paved with Portland cement concrete, 6.8 miles to be paved with Portland cement concrete shoulders and an asphalt concrete wearing surface and 0.2 miles to be widened with a Portland cement concrete shoulder.

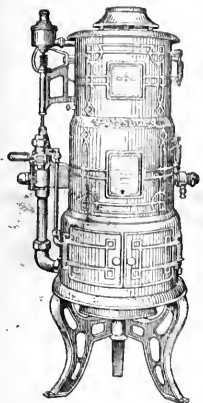
Riverside County, through Banning, (VII-Riv-26-B), about two (2.0) miles in length, to be graded and paved with Portland cement concrete.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Williams, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission.
AUSTIN B. FLETCHER,
State Highway Engineer.
R. A. MURRAY, Secretary.
Dated July 10, 1922.



A "Pittsburg" Automatic Gas Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all of the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink"

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

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STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

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SEND FOR CATALOGS

TROJAN EXPLOSIVES

The Most Powerful Made
Safe and Economical

Manufactured on a solid base and do not contain any liquid explosive ingredient.
Will not freeze Will not exude
Will not give off noxious gases
No thawing
No leaking
No headaches

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CROCKER BUILDING YEON BUILDING

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Skilled Workmen
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221 OAK ST.

San Francisco

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

J. A. MOHR & SON

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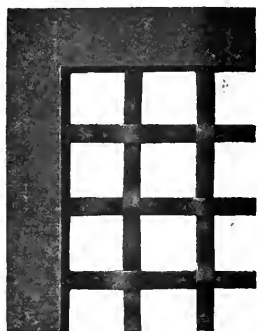
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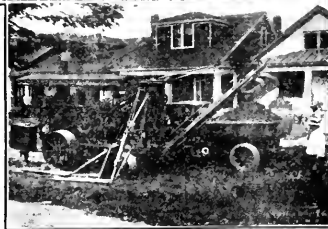
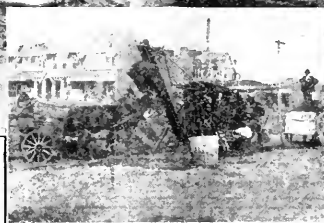
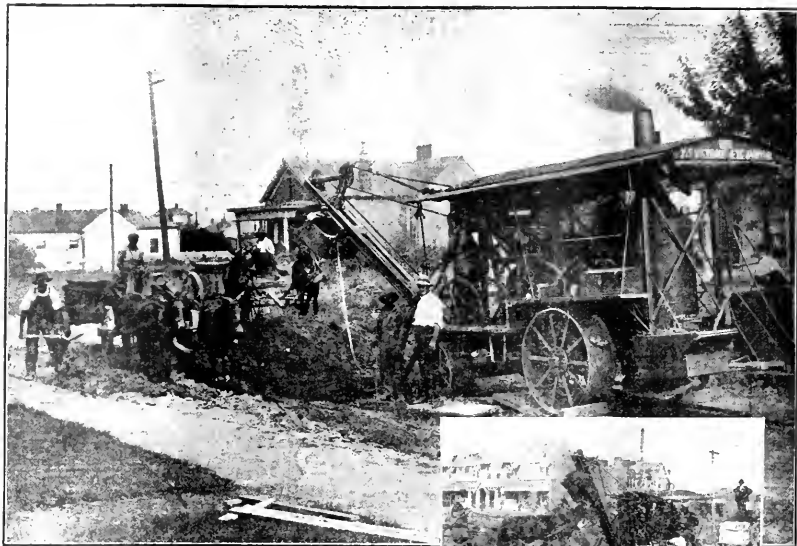
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Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., JULY 29, 1922

Twenty-second Year No. 39



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SACRAMENTO ARCHITECTURAL COMMISSION SEEKS DIS- SOLUTION

The work which it was organized to supervise having been transferred to Dean & Dean, Sacramento architects, the architectural and engineering commission appointed by the Sacramento City Commission to have charge of the plans for the new elementary schools, has made voluntary application to the Superior Court for dissolution. It was incorporated by George D. Huddutt, engineer, and Jens C. Petersen and E. C. Hemmings, architects.

These three hold all the stock issued and are the three director members. The decision to ask for dissolution was reached at a meeting of the commission this week.

Judge Charles O. Busick has fixed September 5th as the date for hearing the application. The action is more or less formal, as it transferred all of its obligations in connection with the schools to Dean & Dean with the approval of the Board of Education.

WATER COMPANY TO SELL TO IRRIGATION DISTRICT

The South Feather Land and Water Company has filed application with the State Railroad Commission to dispose of its properties to the Wyandotte Irrigation District for \$200,000, contingent on the purchase price being raised by a bond issue. This is the second privately owned water and irrigation company filing application to sell out to an irrigation district within a week. The other was the Palermo Land and Water Company, which serves an acreage in Butte, Yuba and Plumas Counties.

BIDS ASKED TO COMPLETE SACRAMENTO FILTRATION PROJECT

Bids will be considered by the City Commissioners of Sacramento on August 24th to construct the rapid sand filtration plant and appurtenances. The work comprises the construction, complete, of sedimentation and coagulation basins having an aggregate capacity of approximately 10,500,000 gallons; eight rapid sand filters of concrete having a nominal capacity of 32,000,000 gallons per day; a super-structure over the operating gallery of the filters; a head-house for administration purposes in which there is also a 290,000-gallon elevated steel water tank for filter washing purposes; a concrete pump having a capacity of approximately 200,000 gallons; a coagulant building and outside piping, excavation and embankment and roadways and paths. This portion of the work will cost in the neighborhood of \$900,000.

The following roughly approximate quantities are involved in the work: 14,500 cubic yards of concrete; 477 concrete piles; 870 tons of reinforcing material; 17,500 cubic yards of excavation; 6000 cubic yards of rolled fill and 300,000 cubic yards of general fill or embankment. In addition to these features, a considerable amount of building construction and mechanical equipment, including cast iron pipe and fittings, gate valves, sluice-gates, hydraulic and electrical controlling devices, gauges, conveyors, pulverizers, etc., are involved.

No informal or irregular proposals or propositions for doing the work will be considered by the city at this time as it is the intention of the commissioners to let the contract for the work as a whole. Separate proposals, however, will be considered for furnishing and installing of equipment for the sedimentation basins, the head-house and filters and the coagulant building.

Charles Gilman Hyde is chief consulting engineer and George J. Calder, resident engineer for the project.

COURT RULES CONTRACT FOR LARGE SEWER ILLEGAL

The contract entered into by the City of Nampa, Idaho, for its \$158,000 sewer system, completed a year ago, was illegal because the amount named in the contract was in excess of the amount provided for in the original estimate and in the ordinance of intention. Judge Ed. L. Bryan of the district court has thus ruled in a decision just handed down.

The case was brought against the city of Nampa by George N. Lucas and several hundred other residents of the section included in the sewer district. The amount named in the ordinance of intention was \$118,000.

Lucas contended, among other things, that the city exceeded its legal authority in issuing bonds for the sewer construction in excess of the amount specified in the ordinance of intention which was later passed by the city as one of the statutory steps leading up to the construction of the sewer system. According to Lucas' views, when an estimate is made by a legally constituted authority of the city and published as provided for by law, this is a guarantee to the property owners within the district that the cost of the improvement will not exceed the estimate and ordinance of intention.

WATER LIFTING DEVICE PER- FECTED BY UNIVERSITY STUDENT

A water lifting apparatus, which seems to flout the natural law that water cannot run uphill, and by which the tremendous energy of the rising tides may be harnessed for use by man, is an invention of Thomas G. Allen, graduate of Washington University, St. Louis. The "Hydrautomat," as the apparatus is called, is the result of two years of experiments. A working model has been viewed by scores of engineers, some of whom have been baffled by the simplicity of the cycle of operations. It has lifted water 20 feet above the river level.

The Hydrautomat is designed to raise water in any quantity from a running stream to any desired height without the use of standard equipment such as pumps, rams or water wheels. The apparatus harnesses two natural sources of energy, the weight of a column of water and atmospheric pressure. By means of a series of tanks, one above the other, and a sluice gate, which alternately brings suction and pressure forces into play, 80 per cent of the energy of the pressure water used is obtained. The height required is reached by carrying the series of tanks alternating open and closed chambers, together with air conducting pipes, to the desired height.

It is believed there is unlimited scope for the hydrautomat on streams where hydraulic power developments are not feasible because of the small amount of fall. One of the first applications is expected to be on irrigation projects.

In a broad sense, according to the inventor, the purpose of the hydrautomat is to convert the contained energy of large quantities of water at a low head into that of a smaller quantity of water at a high head, or to compel a stream to hoist part of itself up over the land for commercial or agricultural purposes. The principal is fixed; the application is to be determined by local requirements.

IMMENSE DEPOSIT OF MAGNESITE LOCATED IN SOUTHERN NEVADA.

A massive deposit of magnesite of unusual character that has recently been brought to the attention of the United States Geological Survey promises to yield a large and readily available supply of this material. The deposit lies in Clark County, Nevada, in the Valley of Muddy River, one of the tributaries of Virgin River, a few miles above the town of St. Thomas. The material has been known for some time as kaolin, and successful experiments for utilizing it as a porcelain clay are reported to have been made, though they have not yet resulted in the exploitation of the deposit. The recognized outcrops have been located as mining claims, and some preliminary exploration and development work has been done. A side track on the St. Thomas branch of the Los Angeles & Salt Lake Railroad, about three miles northeast of the northernmost group of claims, offers a readily available railroad connection, and the station has been named Kaolin from this deposit.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

ALONG THE LINE



Consolidation of three timber owning corporations of properties involving a billion feet of timber in Clatsop County, Oregon, about forty miles northwest of Portland, is announced. The new concern, to be known as the Tidewater Timber Corporation, incorporated under the laws of Michigan, will take in the Western Coöperative Company, the Wright Blodgett Company, Ltd., and the Merrill Lumber Company, and will have a capital of \$4,000,000, according to the announcement. The Astoria Southern Railway, owned by the Western Coöperative Company, is included in the transaction. The main office will be in Portland.

According to word from Tacoma, Wash., the demand for building trades craftsmen in California has resulted in a shortage of these workmen in western Washington. Tacoma contractors declare that California contractors have sent agents to that section and craftsmen have been induced to leave with promises of as much as \$3 a day above the union scale. The men are going to California, the contractors declare, despite the fact that in Tacoma they are paid more than the scale.

Lumber production in the Northwest for the first six months of 1922 has, with one exception, broken all records, according to the semi-annual report of the West Coast Lumbermen's Association. For the first six months of the current year production in the Northwest was just 1 per cent below the record established during the first six months of 1920. It was 68 per cent above the production for the same period last year. New business during 1922 has exceeded the 1920 figures by 29 per cent and the 1921 sales by 56 per cent. Shipments are 9 per cent above those of 1920 and 53 per cent above those of last year.

Preliminary organization of the Allied Architects and Engineers' Club of Sacramento was effected at a meeting July 21 in the Council Chambers at the City Hall. The preliminary organization has 150 members and a total membership of about 400 is the goal that has been set. At the meeting George Adams of the State Architects' office was elected temporary chairman and D. E. Godfrey, temporary treasurer. The following committee was named to draw up a charter and by-laws: T. E. Stanton, Assistant State Engineer; R. A. Herold, Leonard Stark, T. E. Tempest and George Calder.

The United States Civil Service Commission announces an examination for August 23-24 for the position of computer and estimator, a position carrying a salary of \$1,600 to \$1,800 a year. The Commission will hold an examination in the immediate future for the position of senior engineer, Grade 2, civil, electrical, mechanical, signal, structural, telegraph and telephone, paying \$2100 to \$2700 a year. Application blanks may be had from the Commission in the postoffices of principal cities in the State.

Nevada City Chamber of Commerce urges bond election for \$50,000 to pave streets in that city to connect with the main highways.

A building trades school has been started by the Citizens' Committee to enforce the Landis award in Chicago, with a class in plumbing as the first of those intended to end the shortage of mechanics in the thirteen "outlaw" trades. The pupils who formed this first class were for the most part employed during the day on Landis award jobs, and who saw the opportunity to gain the training necessary to become foremen or superintendents. A number of others, however, were novices who took the chance to learn a paying trade.

Miss Helen E. Findlay, youngest of ten women to practice architecture in California, has received her certificate from the State board and will commence her career with the designing of a two-story residence for her parents. Miss Findlay had her first experience in the office of Arthur Peabody, State architect of Wisconsin, at Madison. Since coming to California in 1916 she has worked with a number of Los Angeles architects. She will practice under her own name in San Francisco.

Lange & Bergstrom, San Francisco contractors, have secured the contract to erect a seven-story Class A theatre and office building in San Diego for Robert Blankenship and Richard T. Robinson, Jr. The structure will be known as the Intergates Theater Building and will cover an area of 200 by 106 feet. The seating capacity of the theatre is 2000. Exclusive of furnishings and decorations, the structure will cost \$1,054,000.

The Strable Hardwood Co., the First National Bank of Oakland and the Western Heavy Hardware and Iron Co. Inc., have filed in the U. S. District Court a petition asking that Albert L. Pierce doing business under the fictitious name of the Pacific Boat Co. be adjudged bankrupt.

Swartz & Ryland, Fresno architects, have been commissioned by the Tulare Union High School District to prepare plans for the proposed union school building to be erected under the recently voted \$150,000 bond issue.

The Puget Sound Bridge & Dredging Co., Seattle, Wash., awarded a contract to erect twelve-story bank and office building for Dexter Horton Est. on the site of the old New York Block Third Ave., Seattle. The building will cost \$2,500,000.

Does municipal ownership pay? A reduction of 10 per cent in the water and power rates on the municipal system at Gridley, Calif., has been declared by the City Trustees.

The Mountain View Union High School District, Santa Clara County, has voted bonds of \$197,000 with which to purchase a site and erect a new High School.

J. F. Nash, manager of the Yosemite Lumber Co., at Merced Falls, Cal., has tendered his resignation, effective August 1. He will enter the lumber business for himself in Oakland.

(Continued on Page 6)

Civil engineers of Oakland have formed a luncheon club for the purpose of bringing the engineers of the east bay region into closer relationship with each other for the mutual social enjoyment and to promote their economic welfare. Rules governing the club were prepared by a committee composed of W. W. Harmon, city engineer, Carl E. Hardy and Charles C. De Wolf. The meeting of the club will be held at noon on the first and third Thursdays of each month.

Nelson A. Eckart, for many years on the staff of the City Engineer's office, has been appointed a safety engineer for the city in the Hetch Hetchy project. The State Industrial Accident Commission will co-operate with Eckart in undertaking a safety campaign during the erection of tunnels and other similar work called for in the Hetch Hetchy project.

Colonel James G. Scrugham, Nevada State engineer, has resigned from the National Executive Committee of the American Legion. The resignation is understood to be a preliminary to an announcement by the colonel of his candidacy for the Democratic nomination for Governor of Nevada.

R. R. Arnold, county surveyor of Contra Costa county, has been elected president of the County Engineers' Association. J. L. McBride, Orange county, has been named vice-president; Lloyd Bowman, Santa Cruz county, secretary-treasurer, and E. P. Ball, Napa, and H. F. Cozzena, Salinas, directors.

James A. Davis, chief engineer of the Washington State Highway Department, has resigned to accept a position with the Carlson Construction Company of Spokane. George T. McCoy, assistant chief in the State Highway Department, will fill the vacancy.

W. R. B. Wilcox, Seattle architect, has been appointed head of the school of architecture at the University of Oregon at Eugene. This is a newly-created position in the university.

Walter Raser, vice president of the Sudden & Christensen Lumber Co., San Francisco, died at his home July 20 following an attack of acute indigestion.

Allen B. Benedict, engineer with the Seattle board of public works for the past eighteen years, died in that city on July 24.

E. G. Finlay, engineer of San Jose, will be a candidate for the office of County Surveyor of Santa Clara County at the coming election.

Midway Gas Company is planning construction of 960-h.p., 6-unit compressor station in Elk Hills, Kern county.

U. S. Rubber Co. has opened a branch office in the Swasey Bldg., Redding, Calif.

**ELLERY, FROST & PATTEN OPEN
FRESNO OFFICES**

Ellery, Frost & Patten, an engineering organization which for the past fourteen years has operated from headquarters in the Merchants' National Bank Bldg., San Francisco, have established offices in Fresno at 1913 Fresno street, prior to permanent location in that city.

The move, according to Bryan T. Patten, junior member of the organization, was made after an extended survey of California and other Coast States, Fresno being selected as the new permanent headquarters of its central location.

The three members of the firm, Patten, N. E. Ellery and W. G. Frost, are among the best known engineers in the State. Patten has been connected in the past with the United States Reclamation service, Ellery was State engineer for 12 years and Frost was formerly city engineer of Redwood City and was at one time connected with the State highway office.

CHROUCH, FRESNO EXCHANGE SECRETARY, VISITS SAN FRANCISCO

R. W. Chrouch, secretary of the Fresno Builders' Exchange, was a visitor on the floor of the San Francisco Exchange July 24. Chrouch is visiting the various building organizations in Central California with a view of developing the Fresno Exchange. In addition to declaring his amazement regarding San Francisco building activities he was highly impressed with the co-operation afforded by the San Francisco Exchange officials during his short visit. Call again.

**MICHIGAN FORESTS DEPLETED BY
FIRE AND RECKLESS CUTTING**

Michigan's wood-using industries are now paying the economic Piper for the State's quarter century timber debacle, according to a statement issued by the Forest Service of the United States Department of Agriculture, whose experts are engaged in a study to determine the effects of forest devastation on population, agriculture, industry, and economic life in that State.

The forests of Michigan, the statement continues, as a result of devastating fires and reckless cutting are now so greatly depleted that they produce chiefly fuel-wood and other minor forest products instead of high-grade lumber on which the State's main industries depend. The building trades and the automobile and furniture industries of Michigan must largely import their supply of high-grade lumber from other States instead of growing it at home.

For the most costly classes of woods, such as those used for automobiles, furniture, and building, Michigan goes as far south as the Gulf and as far west as the Pacific; it imports all but a little more than a billion board feet of lumber and timber annually, of which 400,000,000 come from the Gulf Coast region and nearly 180,000,000 feet from the Pacific Northwest. For these amounts the State pays not only an enormous freight bill but also the high prices incident to constantly dwindling forests.

The reforestation of Michigan's denuded lands would after a few decades, say forest experts, not merely stop these costly importations but go far toward re-establishing the State's lost leadership in her once greatest industry, lumbering, and put it upon a permanent basis.

Building Boom Leads Industrial Recovery---All Records Broken

"We are in the midst of the biggest building boom the United States has ever known," says The Industrial Digest, New York. "Throughout the country there is bustling in lumber yards and brickyards, chisels are clanking in quarries, steel mills are rolling out structural forms, carpenters are banging away with their hammers, masons are welding their trowels and painters their brushes; and more structures are being erected than at any previous time in the history of the nation.

A boom—or a depression—in the construction industry affects all other lines. Construction is one of the key industries of the nation. It uses the products of about one-fourth of all the persons in the country who are engaged in manufacturing. It consumes about one-tenth of all the iron, copper, zinc and lead produced. Normally, it is estimated, construction absorbs about half the new capital accumulated in the country every year. It affects all other industries through its influence on rents. The great number of persons who engage in it form an important part of the consuming public.

Building Trades Had Trouble

"Construction has felt with unusually great weight the problems which afflict industry in general. It has experienced its full share of labor difficulties. It has been forced to deal with a scarcity of materials. It has been the subject of government inquiries, and has suffered from much malpractice on the part of those who engage in it. Therefore its sensational recovery, at a time when most lines of business, though somewhat improved, are still languishing, is especially interesting.

"The building industry was one of the first to feel the post-war depression. A chart prepared by the Associated General Contractors, comparing the fluctuation of pig iron production with the variation in the number of building permits issued throughout the nation, shows that activity in building started to decline in 1920, eight months before pig iron production began to sag. In fact, when the iron output started its downward movement the drop in construction was almost over. In November, 1920, the number

(Continued on Page 4)

of permits issued began to rise, and with occasional temporary relapses it has been on the upgrade ever since.

"The increase in construction in 1921, however, could by no means be called

a building boom. The total contracts reported in 1921 by the F. W. Dodge Co., for 27 northeastern States, was only \$2,359,018,000, 8 per cent less than the total for 1920. In other words, the 1921 record, while better than that of the latter part of 1920, was still so poor that the activity in the first part of 1920, before the depression, was sufficient to bring the entire 1920 record higher than that of 1921.

"At the beginning of this year the real boom started. In January the Dodge Company reported that contracts were 49 per cent ahead of those for the same month last year, and the contemplated work bulked larger than at any time since the previous April. In February the contracts awarded were 7 per cent ahead of January's and 73 per cent ahead of February's, 1921. In March more contracts were awarded than in any other month except April, 1920, which was one of the big months before the depression. Spring was here, and outdoor work was going on in earnest.

All Records Broken

In April, 1922, the contracts awarded in the 27 northeastern States covered by the Dodge reports reached the unprecedented sum of \$53,125,000, making April a record month for all time. The April record was 20 per cent higher than that of the preceding month, and 60 per cent ahead of April, 1921. The total contracts reported by Dodge for the first four months of the year amounted to slightly less than a billion dollars. This is about equal to the record of the first four months of 1920, before the depression.

"May and June of this year carried the building boom even higher, and led to the expectation that the total for 1922, barring accidents, will be far greater than that of any other year. The May record of contracts awarded was 3 per cent larger than that for April. Up to this time the record-breaking building had been confined almost entirely to the Eastern States. The West was coming merrily along, but it was lagging behind and not breaking all precedents. In May and June, however, all parts of the country broke records.

"About 40 per cent of all this building is for residential purposes. About 15 per cent is for business and about 8 per cent for industrial purposes. The proportions remained approximately the same from month to month."

**HANDSOME PREMIUM FOR OREGON
STATE HIGHWAY BONDS**

One million dollars' worth of 4½ per cent State highway bonds were sold by the Oregon State Highway Commission to a Portland firm at a rate of \$1012.90 a thousand. The nearest competition in nine sets of bids for these bonds was several thousand dollars less than the successful bid. The commission awarded \$91,000 worth of Clackamas County 5 per cent road bonds to a Portland bank for a premium of \$227.50. For \$44,000 worth of 4½ per cent Douglas County road bonds the bid of a Portland firm for \$43,054 was accepted. The commission also awarded \$6697.37 street improvement bonds of the City of Rainier to another Portland bidder at \$98 per hundred.

**DEFEAT OF SHINGLE MEASURE AT
NOVEMBER ELECTION ADVOCATED**

The defeat of the State Housing Act, which forbids the use of shingles for roofing within any incorporate limits of California, and which is before the voters as a referendum at the November election, was recommended by a majority report of the Committee on Housing at the meeting held July 20 by the Commonwealth Club. The vote in committee stood five to one against the Act, the only dissenting vote being Senator Lester G. Burnett, who introduced the measure in the last session of the Legislature. Senator Burnett is chairman of the Housing Committee of the Commonwealth Club, casting the only vote in favor of the State Housing Act.

ASSOCIATED GENERAL CONTRACTORS ADOPT EQUIPMENT RENTAL AGREEMENT

An equipment lease that constructors are willing to sign as either lessor or lessor has just been issued by the Associated General Contractors of America. Its object is to establish on a basis of common equity those obligations and responsibilities properly involved in renting construction machines, and to provide a simplified rental agreement which will insure absolute fairness to both parties. Thus a principle universally acknowledged and generally applicable, though too infrequently followed in the construction industry, will be given a practical test.

The form adopted is the result of investigations and criticism of members of the A. G. C. extending over a period of two years. It was prepared under the direction of the Committee on Methods, of which A. P. Greensfelder, secretary of the Fruin-Colton Contracting Co., St. Louis, was chairman, and Ward P. Christie, research engineer. Through use of this form it is believed that many difficulties incident to renting construction equipment can be eliminated.

Both construction and equipment leasing companies have frequently been subjected to expense and annoyance on account of misunderstandings which arise when equipment is rented by verbal or letter agreement or by an unsuitable form of lease, and it is to overcome such difficulties as these, as well as to eliminate drastic and unreasonable provisions, that the new standard form has been adopted. Misunderstandings frequently arise from the fact that equipment is sometimes rented on short notice when the need arises, and when the main consideration is to get the machine into operation. In such instances, a telephone call, a letter or almost any kind of a lease, may serve to close a transaction, and when the unexpected happens both parties find that the responsibilities are not properly defined or that one or the other is saddled with an unfair obligation.

Situations of this nature can usually be avoided where the construction company has a suitable form of lease, easily filled out and familiar to its officials and executives. When all companies are using the same form the chance of misunderstanding is even more remote, especially when arrangements for leasing must be hurriedly made by letter or wire. This means of consummating an agreement, however, can be safely used by means of the A. G. C. Equipment Rental Agreement. All that is required is an understanding that certain equipment, is shipped under A. G. C. terms of lease, and each party will then know definitely his obligations. Final arrangements can be made with a minimum of delay.

The standard form is arranged so that all blank spaces for filling in of dates, rental rates and other stipulations are segregated on the front of a single sheet, and those provisions of general application and requiring no filling in for ordinary conditions are segregated on the back. Thus a concise form of letter size convenient for filing is afforded.

Copies may be obtained from the Associated General Contractors of America, 1038 Munsey Building, Washington, D. C., or through the secretaries of associated organizations, at 10 cents each or \$5 per hundred.

The McGraw-Hill Book Co., Inc., 375 Seventh St., New York City, has just issued a July bulletin descriptive of the new literature of civil engineering. Copies will be furnished on request.

YUBA CITY "MUNY" WATER PLANT SHOWS 100% COLLECTIONS

C. C. Kline, city clerk of Yuba City in a report to State Controller Ray L. Riley, declares that the Yuba City municipally-owned water system is the only public utility in the State of California that shows 100 per cent collections.

During the year ending December 31, 1921, the total receipts from the Yuba City Water Works were \$9,763.30, and the expenditures \$5,075.10, giving a profit of \$4,688.20. To date the total invested in the plant is \$26,000, which includes some extensions made during the present year. The per cent of profit on the investment, figured to January 1, 1922, is 7.4 per cent.

For the six years the plant has been operating, the municipality has been able to add from the profits the sum of \$18,000 to the city's general fund, which has aided in keeping down the tax rate. This condition has also enabled the municipality to give to its consumers a minimum flat rate for water of \$1.00 a month, and a 15 cents per 1,000 gallon rate to those who prefer meters. The sum of \$945.58 was credited to the water works system on account of interest on moneys loaned to funds of the city prior to January 1, 1921, being 6 per cent on \$18,577.74. The plant in the same time has a credit of \$1,600 on account of free service rendered in street sprinkling, fire hydrants and cemetery.

CALIFORNIA LEADS UNITED STATES IN FEDERAL ROAD APPROPRIATIONS

California leads the United States in Federal appropriations for the construction of public roads during the fiscal year, which commenced July 1. This year's appropriation of \$53,500,000 exceeds that of last year by \$15,000,000. A million and a half of this amount represents Federal aid in road building authorized under the post office appropriation act.

Public road appropriations available this fiscal year for the other states of the Pacific Coast district include: Arizona, \$6,500,000; Idaho, \$12,500,000; Nevada, \$2,500,000; Oregon, \$20,500,000; Utah, \$6,500,000; Washington, \$18,500,000.

ALAMEDA COUNTY BUILDERS' EXCHANGE ENDORSES HOME EXHIBIT

Indorsement is given to the California Complete Homes Exposition to be held in Lakeshore Highlands, Oakland, and an offer of "active and enthusiastic participation" is made by the central council of the Alameda County Builders' Exchange in resolutions adopted by that body.

Of the exposition, which entails the building of twelve model homes, now under construction, to be completely furnished, and is calculated to stimulate business activities and to advertise Oakland, the resolutions say:

"The organization extends its most sincere indorsement of this enterprise and its approval of its purposes and of the methods proposed to be employed in its presentation." Also:

"This organization hereby pledges its active and enthusiastic participation in this enterprise in any capacity that will stimulate the business activities of our locality and advertise Oakland generally in a broad and practical way."

This practical demonstration of the home beautiful and comfortable is said to be the first of its kind ever undertaken.

The Observer.

(Continued from Page 4)

Palmer & Petersen, San Francisco contractors, have brought suit against the County of Shasta for \$18,406.22, contract price for a bridge they built. Attorneys for the contractors say the Shasta County Supervisors refuse to make payment for the work because the bridge was improperly constructed. The contractors claim, however, they followed specifications.

The Shell Oil Co. will construct several concrete storage tanks at Martinez. These tanks will have a capacity almost double that of the largest steel tanks which are capable of holding 55,000 barrels of oil. Evacuation has been started.

Union Construction Company of Oakland has been awarded a contract by the Shell Oil Company to construct a 4000-barrel capacity barge for transporting oil to points about San Francisco bay. Construction is estimated at \$175,000.

The Zenith Mill & Lumber Co. of Oakland, organized to conduct a planing mill and lumber yard, has been authorized by the State Corporation Department to sell 5 shares of stock to its incorporators at par \$100 for cash and to sell and issue 445 shares to certain persons in exchange for personal property.

The Geo. T. Mickle Lumber Co. of Oregon has filed in the U. S. District Court an action which it seeks to recover from the Telchaira Lumber Company and stockholders of Solano county, \$6682.22. According to the complaint, the Oregon company sold to the defendants a quantity of goods, nearly two years ago, and nothing to date has been paid.

W. H. Steiner has been appointed district engineer in charge of the Des Moines office of the Portland Cement Association, to succeed H. L. Tillson, resigned. This office, located in the Hubbell Bldg., has charge of Association work in Iowa.

Bids for furnishing 10,700 tons of rock screenings will be considered by the Fresno County Supervisors on August 4.

The Pacific Gas & Electric Co. has filed application with the San Francisco Board of Public Works for a permit to construct foundations for a 10,000,000 cu. ft. gas holder at Army and De Haro streets. The foundations will cost \$90,000.

Ira G. Wagner of Sparks, Nevada, is conferring with the Marysville Chamber of Commerce regarding the establishment of an ice plant in that city.

Toga Lumber Company, Seattle, Wash., suffered a \$150,000 fire loss on July 25.

County Surveyor George A. Posey of Alameda County will be a candidate to succeed himself at the August primaries.

Spears-Wells Machinery Co., 214 Twelfth Street, Oakland, Cal., is now an agency for the distribution in Northern California of Smith concrete mixers, loaders, pavers and excavators made by the T. L. Smith Co., of Milwaukee, Wis.

Building News Section

APARTMENT HOUSES

Contract Awarded.
APARTMENTS Cost, \$14,111
OAKLAND, Cal. S Hopkins St 186 W
Fruitvale Ave.
Two-story frame store and apartment
house.
Owner—Mrs. Bertha Zak.
Architect—Not given.
Contractor—Henry W. McDowell, 2439
12th Ave., Oakland.

Segregated Sub-Figures Being Taken.
APARTMENTS Cost, \$45,000
SAN FRANCISCO. NE 13th Ave and
Lake St.
Three-story and basement frame and
plaster apartment house (six 5
and 6-room apartments with gar-
age in basement).
Owner—Kline-Kraus.
Architect—Houghton Sawyer, Hearst
Bldg., San Francisco.

Bids Being Taken For Concrete Work
APARTMENTS Cost, \$100,000
SAN FRANCISCO. S W Geary and
Jones Streets.
Six-story and basement Class C steel
and reinforced concrete store and
apartment house (35 2 and 3-room
apartments and 4 stores).
Owner—S. & Gump Realty Co.
Architect—Milton Latham, 452 Mont-
gomery St., San Francisco.

Plans to Be Prepared
APARTMENTS Cost, \$90,000
SAN FRANCISCO. S Sutter near Leav-
enworth.
Four-story and basement reinforced
concrete apartment house (16 2
and 3-room apartments).
Owner—Wilhelm.
Architect—E. H. Denke, 1317 Hyde St.,
San Francisco.

Architect taking Sub-Figures.
APARTMENTS Cost, \$45,000 each
SAN FRANCISCO. S Pine 100 and 136
W Powell Street.
Two three-story and basement frame
apartment houses (15 2 and 3-room
apts. each).
Owner—T. F. Bell, Eliz. Julius and
Alice Orcutt.
Architect—E. H. Denke, 1317 Hyde St.,
San Francisco.

Low Bidder.
APARTMENTS Cost, \$—
MARYSVILLE, Yuba Co., Cal. E and
San Seventh Sts.
Two-story frame apartment house (8
3 and 4-room apts).
Owner—Arthur C. Powell.
Supervising Architect—August G.
Herman, Call Bldg., San Fran-
cisco.
Low Bidder—F. C. Evans, 802 E St.,
Marysville.
L. E. Fite of Marysville submitted
the next lowest bid. Both contractors
will refigure modifications in the plans.

Contract Awarded
APARTMENTS Cost, \$13,700
OAKLAND, Alameda Co., Cal. NW
Hamper and Ardley Sts.
Two-story frame 14-room apartment
house.
Owner—Albert A. Bednarz.
Contractor—Jensen & Pedersen, 3413
Adeline, Oakland.

Contract Awarded
APARTMENT HOUSE Cost, \$18,500
SAN FRANCISCO. E Larkin 80 N.
Geary.
Three-story and basement concrete
store and apartment house.
Owner—Dr. Eph Weiss, 1907 Lincoln
Ave.
Architect—John K. Branner, 351 Kearny
St.
Contractor—G. P. W. Jensen, 320
Market St.

PLANS ON FILE AT OFFICE OF
BUILDING & ENGINEERING NEWS.
560 MISSION ST., SAN FRANCISCO
Segregated Figures Being Taken—Bids
Close August 1, 1922, 3 P. M.

APARTMENTS Cost, \$—
SUSANVILLE, Lassen Co.
Two-story frame and plaster apart-
ment house (ten 2 and 3-room
apartments).
Owner—Cahlen Estate.
Architect—Woollett & Lamb, 211 Hagel-
stein Bldg., Sacramento.
Bids will be opened by A. J. Mathews
of the Cahlen Estate at Susanville.
Figures are being taken as follows:
General work, plumbing, heating, electrical
and painting.

Contract Awarded.
APARTMENTS Cost, \$12,665
OAKLAND, Alameda Co. N. 25th St.
150 W. Telegraph.
Two-story 12-room apartments.
Owner—Charles L. Miller, 522 25th St.,
Oakland.
Contractor—G. A. Scott, 685 23rd St.,
Oakland.

Contract Awarded.
ALTERATIONS Cost, \$—
SAN FRANCISCO. S Fulton W. Scott
Alter three-story frame building into
six 4-room apartments.
Owner—W. S. and Rose Cohn.
Architect—Henry Shermund, Hearst
Bld., San Francisco.
Contractor—E. P. Abrahamson & J. S.
Cohn, 1233 Fulton St.

Contract Awarded.
APARTMENTS Cost, \$9500.
BERKELEY, Alameda Co., Cal. 2415
Derby St.
Two-story frame 12-room apartment
house.
Owner—D. Rigel.
Contractor—California Builders' Co.,
1534 Franklin St., Oakland.

Contract Awarded.
APARTMENTS Cost, \$19,550
SAN FRANCISCO. E Beckett 70 N
Jackson Street.
Three-story and basement concrete
(12) apartments. (All work except
shades and light fixtures).
Owner—Quan Ming, NE Pacific and
Grant Ave., San Francisco.
Architect—P. F. De Martini, 946 Broad-
way, San Francisco.
Contractor—J. Martinelli, 180 Jessie
St.

Bids in—Contractors to Be Awarded
Shortly.
APARTMENT HOUSE. \$400,000
SAN FRANCISCO. NE. Gough and
Washington.
8-story and basement reinforced con-
crete apartment house (60 3, 4 and
5-room apartments).
Owner—Crest View Apartments, Inc.
Architect—Jos. L. Stewart, Claus
Spreckels Bldg., San Francisco.

Plans Prepared.
APARTMENTS Cost, \$40,000
BAKERSFIELD, Kern Co., Cal. 13th
and G Streets.
Two-story and basement frame (18)
apartment.
Owner—C. R. Deunen, Bakersfield.
Architect—Eugene K. Martin, Arling-
ton Bldg., Bakersfield.

FRESNO, Fresno Co., Cal.—C. G.
Smith, Mattei Bldg., Fresno, realtor,
will build an 8-aft. building on Howe
Ave. near Wilson Ave. est. cost, \$30,
000. Also a 4-aft. building on Linden
Ave. near Olive; est. cost \$17,000. Both
will be of hollow tile constr. Mr.
Smith will also build an 8-aft. frame
building near the Burnett, Sanitarium
to cost \$24,000.

PORTLAND, Ore.—Clausen & Claus-
sen, Macleay Bldg., preparing plans for
three-story and basement concrete, 17-
apartment building, to be erected at
661 Lovejoy St. for O. Hendrickson.
est. \$55,000.

Same architects have completed the
plans for eight 4 and 5-room brick
apartment building, to be erected for
Peters Construction Co., Board of
Trade Bldg., Portland. Owners will
build. Estimated cost, \$35,000.

BANKS

Plans to Be Prepared.
BANK & OFFICE BLDG. Cost, \$—
BERKELEY, Alameda Co., Cal. Shat-
tuck Ave. and Center St.
Addition of 5-story annex to present
bank and office building.
Owner—Mercantile Trust Co. (Roy T.
Douglas, vice-president).

Contract Awarded.
BANK & OFFICES. Cost, \$200,000
OLYMPIA, Wash.
Three-story and basement concrete,
108x60, bank and offices.
Owner—Capital National Bank, Olym-
pia, Wash.
Architect—Doyle & Marriam, Seattle
National Bank Bld., Seattle, Wash.
Contractor—Rounds-Clift Co., Walker
Bldg., Seattle Wash.
General contract includes all work
except mechanical work, marble and
bank fixtures.

Plans to Be Prepared.
BANK & OFF. BLDG. Cost \$150,000
BERKELEY, Alameda Co., Cal. Shat-
tuck Ave. and Center St.
Addition of 5-story Class "A" annex
to present bank and office bldg.
Owner—Mercantile Trust Co. (Roy T.
Douglas, vice-president).
Architect—Jas. W. Plachek, 2011 Shat-
tuck Ave., Berkeley.
Sketches have been prepared.

BONDS

DELANO, Kern Co., Cal.—City Trust-
tees sell \$15,000 bond issue to finance
improvements to water works system.

DAILY CITY, San Mateo Co., Cal.—
Election will be held August 5 in the
Jefferson Union High School District
to vote bonds of \$180,000 to finance
construction of a new high school.
Matthey M. Grady, president of district.

IRVINGTON, Alameda Co., Cal.—
Election will be held September 26 in
Washington Union High School Dis-
trict to vote bonds of \$150,000 to finance
construction of a new high school.
A. F. Biddle is secretary of the Board of
Trustees.

RED BLUFF, Tehama Co., Cal.—
Until August 18 bids will be received
by the County Supervisors for the
purchase of \$30,000 bond issue of Los
Molinas School District; proceeds of
sale to finance school improvements.

GILROY, Santa Clara Co., Cal.—
Bonds of \$60,000 voted in Gilroy High
School District to finance construction
of gymnasium, plans for which are be-
ing completed by Architects Wyckoff
& White, Growers' Bank Bldg., San
Jose.

NILES, Alameda Co., Cal.—Election
will be held September 26 to vote
bonds of \$160,000 to finance construc-
tion of a new high school.

CHURCHES

Plans Being Prepared.
AUDITORIUM. Cost, \$200,000.
HOLLYWOOD, Los Angeles Co., Cal.
NE Gower St. and Carlos Ave.
Two-story and basement brick and concrete auditorium building.
Owner—First Presbyterian Church.
Architect—H. M. Patterson, 224 O. T. Johnson Bldg., Los Angeles.

Plans Being Prepared.
ADDITION. Cost, \$15,000.
BERKELEY, Alameda Co., Cal. Cedar and Spruce Streets.
Addition to church (Sunday School rooms, Boy Scouts rooms, and auditorium).
Owner—All-Saints Episcopal Church.
Architect & Contractor—McWethy & Greenleaf, Albany Bldg., Oakland.
Plans will be completed in about two weeks, when sub-figures will be taken on all parts of the work except the carpentry, etc.

Sub-figures Being Taken—To Be Done by Day's Work.

CHURCH. Cost, \$40,000.
OAKLAND, Alameda Co., Cal. Webster St. near Moss Ave.
One-story frame and plaster church.
Owner—Latter Day Saints' Church.
Architect—Clay N. Burrell, 1st Savings Bank Bldg., Oakland.
Superintendent—H. Mortensen, premises.

The grading is being done by J. Cattucci, 1212 18th Ave., Oakland.

LOVELOCK, Nevada.—Until August 5, 2 P. M. bids will be received by Trustees of Methodist Episcopal Church, C. F. Erickson, secretary of Board, Lovelock, Nevada, to construct new church building, plans for which may be had from the secretary on deposit of \$10, returnable.

FACTORIES & WAREHOUSES

Plans Being Figured
WAREHOUSE. Cost, \$150,000.
PITTSBURGH, Contra Costa Co., Cal.
One-story reinforced concrete warehouse, 80x200.
Owner—Pioneer Rubber Co.
Architect—Eug. G. McDougall, 381 Bush St., San Francisco.

Figures are being taken for a general contract.

Plans Complete.
FACTORY. Cost, \$—
OAKLAND, Cal. Adjoining present plant at 69th Ave. and Foothill Blvd.
Addition to automobile plant (for manufacturing of auto bodies).
Owner—Chevrolet Motor Co. of California (W. C. Williams, Mgr.)
Architect—Not stated.

Mr. Williams stated that while plans for the new factory are complete, the details of the construction and other plans of the company would not be made public until after action had been taken by the City Council on the closing of 72nd Ave. from Hillside St. to Garfield Ave., and Garfield Ave. between 72nd and 73rd Aves.

Contract To Be Awarded Shortly.
FACTORY. Cost, \$—
SAN FRANCISCO. Bryant Street near Second Street.
Three-story reinforced concrete factory building.
Owner—Louis R. Lurie.
Architect—O'Brien Bros., 240 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 180 Jessie St., San Francisco.

Completing Plans
Sub-figures to be taken next week.
WAREHOUSE. Cost, \$200,000.
SAN FRANCISCO. SW Van Ness Ave. and McAllister St.
Eight-story reinforced concrete warehouse.
Owner—Lyon Fireproof Warehouse, 8430 Broadway, Oakland.
Architect—W. K. Knowles, Hearst Bldg., San Francisco.

Plans complete.
FOUNDATION. Cost, \$90,000.
SAN FRANCISCO. Army and De Haro Sts.
10,000,000 cu. ft. gas holder foundation.
Owner—Pacific Gas & Elec. Co., 445 Sutter St.
Architect—Engineer. Dept. of Owner.

Contracts Awarded.
WAREHOUSE.
SACRAMENTO, Cal. Front and M. Sts.
Four-story reinforced concrete show room and warehouse building.
Owner—Crane Co.
Architect—Wollett & Lamb, Hagelstein Bldg., Sacramento.
General contract to McGillivray Construction Co., Brighton, Sacramento, at \$126,500.
Elevators to Otis Elevator Co., Beach and Stockton Sts., San Francisco, \$10,650.
Plumbing to Hateley & Hateley, Mitau Bldg., Sacramento, \$3067.
The heating and electrical work have not been awarded.

Plans Being Prepared.
DAIRY PLANT. Cost, \$20,000.
DURLINGAME, San Mateo Co., Cal. SE San Mateo Drive and Howard Ave.
One-story reinforced concrete dairy plant.
Owner—Dairy Delivery Co.
Architect—Wm. H. Toepke, 942 Market St., San Francisco.
It will contain offices, drivers' locker rooms, delivery room, storage plant and garage. Later it is planned to add a large and modern pasteurizing plant.

Carpenter Contract Awarded.
FACTORY. Cost, \$100,000.
SAN FRANCISCO. N. Folsom St. bet. Second and Third Sts.
Three-story and basement mill constructed candy factory building reinforced concrete walls).
Owner—Collins-Hencke Co.
Architect—N. W. Sexton, Chronicle Bldg., San Francisco.
Carpentry work awarded to N. F. Neilson, 180 Jessie Street. As reported before, the concrete work was awarded to Adam Arras, 180 Jessie St., at \$34,393.

Plans Being Prepared.
INDUSTRIAL BLDG. Cost, \$20,000.
NAPA, Napa Co., Cal. Napa State Hospital Grounds.
Industrial building, (40x120).
Owner—State of California.
Architect—George B. McDougall, Forum Bldg., Sacramento.

MARTINEZ, Contra Costa Co., Cal.—Shell Co. has started excavation preliminary to constructing two concrete oil storage tanks, each having a capacity of 100,000 gallons.

MARYSVILLE, Yuba Co., Cal.—Ira G. Wagner, Sparks, Nevada, is communicating with the Marysville Chamber of Commerce regarding the establishment of an ice plant.

PORTERVILLE, Tulare Co., Cal.—Leighroy Miller and associates have purchased property from Spaulding Lumber Co. on the S. F. tracks, at the west end of Mill St. and will construct cold storage warehouse, plans for which have been prepared.

PORTLAND, Oregon.—Hurley-Mason Co., Gasco Bldg., at approximately \$60,000 awarded contract to construct one-story concrete factory at Sandy Blvd., E 22nd and 23rd streets, for Steno Carbon Paper Co.

FIREHOUSES AND JAILS

Plans Being Prepared.
FIREHOUSE. Cost, \$15,000.
VALLEJO, Solano Co., Cal. Sacramento and York Streets.
Two-story brick firehouse.
Owner—City of Vallejo.
Architect—Chas. E. Perry Jr., 514 Main St., Vallejo.
Plans will be ready for figures in about two weeks.

FLATS

Contract Awarded.
FLATS. Cost, \$10,500.
SAN FRANCISCO. W. Fifth Ave. 275 S. Clement.
Two-story and basement frame (4) flats.
Owner—H. Konrad, 209 Sanchez St., San Francisco.
Architect—Not stated.
Contractor—L. G. Bergren, 209 Sanchez St., San Francisco.

Contract Awarded
FLATS. Est. Cost, \$11,100.
SAN FRANCISCO. W. Franklin 75 ft. N. Chestnut.
Three-story and basement frame (2) flats.
Owner—John P. Herlihy, 1641 Leavenworth.
Architect—None.
Contractor—John Harder, 870 39th Ave.

To be done by day's work.
FLATS. Cost, \$11,000.
SAN FRANCISCO. E. Funston Ave, 125 N. Geary.
Two-story and basement frame (2) flats).
Owner—Milton Kamler, 350 18th Ave.
Architect—C. O. Clausen, Hearst Bldg. Supt. of Building—B. Lieblin, 350 18th Ave.

Contract Awarded
FLATS. Cost, \$13,000.
SAN FRANCISCO. S. Washington 137 1/2 E Hyde.
Two-story and basement frame four flats.
Owner—Dr. F. A. Gawthorne, 708 Phelan Bldg.
Contractor—J. W. Smith, 708 Phelan Bldg.

Contract Awarded.
FLATS. Cost, \$10,000.
SAN FRANCISCO. S. Geary 137 1/2 W. Webster.
One-story laundry building and raise and alter present two-story frame building for flats.
Contractor—Kronnick Bros., 1659 O'Farrell St.

Plans Being Prepared.
FLAT BLDG. Cost, \$—
SAN FRANCISCO. Fulton Street near Shrader.
Two-story frame flat building (2 5-room flats).
Owner—W. H. H. Powers and John H. Ahnden, 460 Montgomery St., San Francisco.

GARAGES

Plans Complete.
GARAGE. Cost, \$30,000.
SAN FRANCISCO. E Beale 150 S. Mission St.
Two-story reinforced concrete private garage.
Owner—Ralph McLeran, Hearst Bldg., San Francisco.
Architect—Not stated.
Work will be done by the owner, who is a contractor.

Plans Being Prepared—Figures to Be Taken in Two Weeks.
ADDITION. Cost, \$20,000.
BERKELEY, Alameda Co., Cal. SE. Durant and Shattuck.
One-story reinforced concrete addition to present one-story auto sales and garage bldg.
Owner—Blanche Porter.
Lessee—Ford Agency.
Architect—James W. Plachek, 2014 Shattuck Ave., Berkeley.

Contract Awarded.
GARAGE. Cost, \$25,000.
FRESNO, Fresno Co., Cal.—No. 848-54 L Street.
Fireproof garage building.
Owner—J. Y. Foley, Santa Fe Ave., Fresno.
Architect & Contractor—R. F. Feichlin, Bank Italy Bldg., Fresno.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Until August 8, 10:30 a. m., bids will be received by Panama Canal Commission, under Circular No. 1438, for furnishing and delivering: Asphalt roofing, bronze seal strips, wire nails, globe valves, bib cocks, yellow metal, graphite paint, paint, varnish, coal tar pitch, deck scrub brushes, cotton rope, floor wax, excelsior, lumber, etc.

PORTLAND, Ore.—Until August 24, bids will be received by U. S. Engineer's Office, Second District, Portland, Ore., for removing wreck of tug "Welsh Prince," sunk in Columbia river near Altona, Wash. Further information on application.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, for furnishing materials for Navy Yards under the following schedules, date for opening bids as noted at end of each paragraph:

Schedule 50, Mare Island, 30 cane ship fenders, August 8.

Schedule 51, various yards, 13,800 ft. lighting and power wire, 11,000 ft. do, 1300 ft. cables, 23,500 ft. incandescent lamp cord, and 2500 ft. lighting and power wire, August 8.

Schedule 52, various yards, 44,000 ft. bell wire, 35,500 ft. do, 33,000 ft. double-conductor wire, 12,000 ft. do, 4300 ft. lighting and power wire, 3000 ft. do, 3600 ft. do, 19,000 ft. do, 40,000 ft. do, 1000 ft. interior communicating cable, and 2500 ft. single-conductor ignition cable, August 8.

Schedule 2, Mare Island Navy Yard, 2500 pounds hot rolled sheet copper and 1475 pounds cold rolled, do, August 15.

Schedule 63, Puget Sound, 114,750 lbs. angle and sheet steel, August 15.

Schedule 69, eastern and western yards, 730,000 lbs. white cotton waste, August 15.

SAN DIEGO, Cal.—Following bids were received by Public Works Officer for excavating and grading at San Diego naval base, under Specification #4690.

H. G. Fenton, San Diego, Cal., 75c., 45 days.

Cushing Construction Co., San Diego, Cal., \$1.08, 45 days.

W. E. Kier Construction Co., San Diego, Cal., \$1.17, 55 days.

John Engelbreitsen, San Diego, Cal., \$1.64, 65 days.

WASHINGTON, D. C.—W. F. Martens, Cutler Bldg., Rochester, N. Y., at \$155,366, has been awarded by Bureau of Yards and Docks, Navy Department, to construct superstructure for new machine shop at the naval station, Pearl Harbor. Time for completion, 300 days. Unit price, \$1.50 for item 6 also accepted.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, preparing contract No. 4636 for water and service buildings at the naval hospital, San Diego, Cal., and specification 4696 for wire partitions at the same point. Further mention will be made of this work when bids are asked.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., July 15, 1922.—SEALED PROPOSALS will be opened at 12:00 noon, August 4th, 1922, in the office of the Superintendent of Construction, U. S. Veterans' Hospital, Palo Alto, Calif., for the rehabilitation of the water supply system of the hospital. Plan and specifications may be obtained from the Superintendent of Construction, at his discretion. Jas. A. Wetmore, Acting Supervising Architect.

WASHINGTON, D. C.—The Turner Co., 273 Natoma St., San Francisco, submitted the lowest bid, at \$8750 for furnishing and installing lighting fixtures in the U. S. Veterans' Hospital at Palo Alto, Cal.

Bids were opened on July 27 in the supervising architects' office in Washington.

WASHINGTON, D. C.—Bids will be received until August 25, 1922, by the Custodian, Honolulu, Hawaii, at 9 A. M., at the office of the Supervising Superintendent, San Francisco, at 12 o'clock noon and until 3 P. M., at the office of the Supervising Architect at Washington, D. C., for furnishing and delivering 1 c. b. Honolulu, H. T. Metal and Marble Directory, Bulletin, and Sign Boards, for the U. S. Post Office, Custom House, and Court House at Honolulu, T. H. Plans may be obtained from Room 403 Post Office Bldg., San Francisco. See call for bids under Official Proposals.

SAN FRANCISCO—Until August 3, 11 a. m., bids will be received by U. S. Engineering Office, 240 Montgomery street, under Order 3386, for furnishing and delivering drafting room and engineering equipment. Further information on request.

HALLS AND SOCIETY BUILDINGS

Plans Being Prepared.
LODGE BLDG. Cost, \$95,000
FRESNO, Fresno Co., Cal. Merced and Van Ness Avenue.

Three-story fireproof lodge building.
Owner—Knights of Pythias Hall Assn.
Architects—Swartz & Ryland, Rowell Bldg., Fresno.

Plans Being Prepared.
CLUBHOUSE Cs. \$40,000 to \$60,000
BERKELEY, Alameda Co., Cal.
Frame and stucco women's clubhouse.
Owner—Women's Faculty Club.
Architect—John Galen Howard, First National Bank Bldg., San Francisco.

Funds are now being raised.

Segregated sub-figures being taken
ADDITION TO CLUBHOUSE \$250,000
SAN FRANCISCO, N. Sutter W. Mason.
Six-story and basement Class "A" addition to club building.
Owner—Women's Athletic Club, premises.
Architect—Bliss & Faville, Balboa Bldg., San Francisco.

Engineer in charge of construction—A. A. Brown, 120 Market.
Segregated figures are being taken by Mr. Brown.

Contracts to be Awarded to Lowest Bidders.
LODGE BLDG., ETC. Cost, \$50,000
VALLEJO, Solano Co., Cal. Georgia and Montgomery Streets.

Additions and extensive alterations to two-story brick and hollow tile bank and lodge building.

Owner—L. O. O. F.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

General Contract
Larsen & Siegrist, Claus Spreckels Bldg., San Francisco. \$47,777.
George A. Warren, Vallejo, \$73,713.
Matt. Brady, 49,750.
Fletcher & Warren, Vallejo, 52,600.

Heating
F. P. McKeon, 100 East St., S. F., \$2300.
Knittle-Cashe Co., S. F., 2450.
Gilley-Schmidt Co., S. F., 3535.

Elevator
Otis Elevator Co., Beach and Stockton Sts., San Francisco. \$5140

SAN FRANCISCO—Bids were opened on July 27 by the Secretary of the Masonic Home Association for painting and marble work for the new buildings now being constructed at Masonic Home in Decota, Alameda county. Wm. Mosser, Nevada Bank Bldg., is the architect. Bids were taken under advisement.

Painting
Jos. Chaban, 2203 Pol. St., S. F., \$14,150.
J. J. Bunton, Richmond, 15,985.
Other bidders were J. Zelsky, A. Zelinsky, D. Zelinsky & Sons, H. Maundrell and I. R. Kissel.

Marble Work
The two bids were as follows:
Mission Marble Co., 363 Guerrero St., S. F., \$7935.
Jos. Musto Sons-Keenan Co., 8715

Bids Opened.
LODGE BLDG. Cost, \$40,000 to \$50,000
SAN FRANCISCO NW Clay and Grant Ave.

Extensive alterations to 4-story brick lodge buildings; marble work, plumbing, painting, electrical work, etc.

Owner—Soo Yuen Benevolent Assn.
Architect—Albert Schroeder, Nevada Bank Bldg., San Francisco.
Vukicevich & Bagge, 180 Jessie St., 58,801.
Wood & Jones, 62,600.
West Coast Constr. Co., 62,763.
N. F. Neilson, 63,390.
Pennell & Chisholm, 63,570.
G. Peterson, 63,800.
Layless & Sheridan, 65,885.
Bids were taken under advisement.

Contractor Taking Drafting Bldg.
"LAF" BLDG. Cost, \$100,000
SAN FRANCISCO Turk and Polk Sts.
Two-story steel and concrete club building and boxing arena.
Owner—Golden Gate Post No. 40, American Legion.
Architects—Morrow & Garren Chronicle Bldg., San Francisco.
Contractor—Vukicevich & Bagge, 180 Jessie St., San Francisco.
Sub-figures will be taken shortly on the balance of the work.

Plans Being Figured.
GIRLS' HOME Cost, \$—
PORTLAND, Ore.—E-32nd and Holgate Streets.
Two-story and basement brick and concrete Girls' Home, 39x105.
Owner—L. O. O. F. Lodge.
Architect—John Hunziker, L. O. O. F. Bldg., Eugene, Ore.
Bids are wanted for general contract with separate bids for heating.

HOSPITALS

Plans Being Prepared.
HOSPITAL Cost, \$150,000
STOCKTON, San Joaquin Co., Cal.
Stockton State Hospital.
One and two-story concrete receiving and treatment hospital.
Owner—State of California.
Architect—Geo. B. McDougall, Forum Bldg., Sacramento.

HOTELS

Contract Awarded.
HOTEL Cost, \$1,500,000
BERKELEY, Alameda Co., Cal. Hearst and Euclid Aves.
Ten-story Class A hotel (600 rooms, 2 units, each 300 rooms).
Owner—University Hotels Corporation.
Architect—G. A. Applegarth, Claus Spreckels Bldg., Los Angeles.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.

The capital stock of the corporation was placed at \$1,500,000, half preferred and half common, and the directors are Ralph R. Elise, E. J. Hardy, R. S. Dogge, Edith M. Ching, R. Henderson, J. E. Morrison and E. L. Harper. A. H. Snodgrass of San Francisco has been elected president of the hotel association and H. E. Manwaring, manager of the Palace Hotel, will be directing manager of the new institution. It is planned to start work in sixty days.

Contract Awarded
HOTEL Cost, \$16,000
REDDING, Shasta Co., Cal. Shasta and California Streets.
Two-story brick hotel, 40x80.
Owner—Marco Dotto, Kenneth, Calif.
Architect—Not Stated.
Contractor—J. P. Brennan, Redding.

Contract Awarded.
HOTEL Cost, \$26,000
(Apts. \$400 each)
FRESNO, Fresno Co., Cal. 837 G St.
(Apartments at 831, 835, 841 G St.)
Hotel and store building and three apartment houses.
Owner—C. Nilmier, Central St., Fresno.
Architect—Not given.
Contractor—F. C. Adams.

Plans Being Prepared
ALTERATIONS. Cost, \$50,000
SAN FRANCISCO. S Bush Street W
Keany Street.
Extensive alterations to the Poodle
Dog Cafe and Hotel.
Owner—Lester G. Loupe.
Architect—S. Heiman, 57 Post St., San
Francisco.

Plans Being Prepared
ALTERATIONS. Cost, \$20,000
SAN FRANCISCO. N Farrell W
Mason, No. 19 O'Farrell St.
Alter hotel.
Owner—Hotel Altona.
Architect—S. Heiman, 57 Post St., San
Francisco.

POWER PLANTS

SEATTLE, Wash.—Puget Sound
Power and Light Co. has con-
struction of a 110,000-volt transmission
line from a hydro-electric plant in the
Puget Sound district to Wenatchee,
Wash., a distance of approx. 120 miles.
Line is being built under an arrange-
ment with the Washington Coast Utili-
ties Co. Est. cost, \$800,000. S. L.
Shaffner, chief hydro-electric engin-
eer in charge of construction.

SEATTLE, Wash.—Two electric light
and power properties and two water
systems, located at Montesano and
Elma and south Bend and Tenino, re-
spectively, formerly operated by the
Northwest Electric Light & Power Co.,
have been taken over by the Washing-
ton Power Utilities Company, 629 New
York Bldg., Seattle, and will be op-
erated heretofore by this concern as
subsidiary corporations. Immediate
improvements planned include the
consolidation of transmission lines
bet. the cities of Aberdeen and Monte-
sano and Elma and the rearrangement
and reconstruction of the lines within
the latter named towns. A sub-sta-
tion will be erected at Montesano.

PUBLIC BUILDINGS

Plans Being Prepared.
3 BRICK BLDGS. Cost, \$70,000
OAKLAND, Cal. 3601 Telegraph Ave.
Three brick buildings (2-story em-
ployees' building, 1-story women's
shop buildings and 1-story recrea-
tion and power house).
Owner—State of California.
Architect—George J. McDougall, Forum
Bldg., Sacramento.

OAKLAND, Alameda Co., Cal.—Bids
were received as follows by the City
Clerk of Oakland for the construction
of a comfort station in the basement
of the Oakland City Hall. Bids were
taken under advisement:
W. G. McGinty & Sons, Federal
Realty Bldg., Oakland, \$30,575
P. W. Maurice, Oakland, 31,000
Barnes & Place, Oakland, 34,700
Seimely & Hostawser, Okl., 35,611
R. W. Littlefield, Oakland, 35,830
Schuler & McDonald, Oakland, 36,772
Alex. Marshall, Oakland, 43,078

LOS ANGELES, Cal.—Hertram G.
Goudree, 2 W. 27th St., New York City,
and Carleton M. Winslow, 1154 Van
Ness Bldg., Los Angeles, were selected
as architects for the \$1,500,000 central
Public Library building to be erected
on Normal Hill, at a meeting of the
Board of L. A. Public Library. A
commission for the work was pre-
viously given to these architects, but
the City Attorney ruled that the pro-
posal did not comply with all legal
technicalities and new proposals were
asked. It is expected Library Board
will soon have possession of site, and
construction may be started in fall.

SACRAMENTO, Cal.—Bids were re-
ceived by the State Department of En-
gineering on July 24 for the construc-
tion of a grandstand at the State Fair
Grounds in Sacramento. Bids were
taken under advisement:
Holdener Constr. Co., Sacto., \$ 4,799
Ira C. Boss, Sacto., 7,949
Hendon & Finnigan, Sacto., 10,534

SACRAMENTO, Cal.—Bids will be
received until August 29, 1922, at 12
o'clock noon, by George B. McDougall,
State Architect, Chief, Division of Ar-
chitecture, Forum Bldg., Sacramento,
California, for the complete mechan-
ical equipment, which includes the
plumbing and drainage systems, heat-
ing work, ventilating work and elec-
trical work for the Sacramento State
buildings known as the Library and
Courts Building and the Office Building
now being erected in the Capitol
Grounds. Separate bids are also being
taken on these four divisions of the
work. The official proposal appears in
this issue.

OAKLAND, Alameda Co., Cal.—The
board of supervisors of the City of Oak-
land have rejected all bids received for
the construction of a comfort station
in the basement of the Oakland City
Hall. Bids were considered too high.
Whether the plans will be revised or
the improvement abandoned has not
been decided. W. G. McGinty & Sons
submitted the lowest bid at \$30,575.

QUINCY, Plumas Co., Cal.—Quincy
Commercial Club will finance con-
struction of municipal swimming pool. Will be 75
feet 125 feet from 2 ft. to 1 ft. deep.
W. H. Ehrlich, County Physical Educa-
tion Director is interested.

RESIDENCES

Contracts Awarded.
RESIDENCE. Cost, \$—
SAN FRANCISCO. S. Fallon Place 80
F Taylor.
Two-story frame and plaster residence
(9 rooms).
Owner—Abel Alberigi.
Architect—Houghton Sawyer, Hearst
Bldg., San Francisco.
Carpentry work awarded to Matlock &
McCarthy, 190 Jessie St., at \$450.
Excavating, grading and concrete work
to H. L. Petersen, Lick Bldg., \$924.

Sub-Figures Being Taken.
RESIDENCE. Cost, \$13,500
OAKLAND, Cal. NW Highland and
Oakland Aves.
Two-story frame and plaster 9-room
residence.
Owner—Mrs. Annie Hendry.
Architect—Houghton Sawyer, Hearst
Bldg., San Francisco.

Sub-figures are being taken for the
electrical work, plumbing, painting,
etc.

The general work is being done by
Fred J. Westlund, 351 12th St., Oak-
land. Contract price \$7368.

Contract Awarded.
RESIDENCE. Cost, \$15,000
SACRAMENTO, Cal. 41st St. between
J and M.
Two-story and basement frame resi-
dence, 10 rooms, private garage.
Owner—Dr. and Mrs. Albert Eberle,
Nicolaus Bldg., Sacramento.
Architect—Frederick S. Harrison, Peo-
ples Bank Bldg., Sacramento.
Contractor—E. W. Book, 2911 H St.,
Sacramento.

To Be Done by Day's Work.
DWELLING. Cost, \$6500
SACRAMENTO. 42nd between J and
M Sts.
One-story frame dwelling.
Owner—Paul G. Bernardis.
Architect—Frederick S. Harrison, Peo-
ples Bank Bldg., Sacramento.
Chimneys, brick; Construction of
frame, wood. Exterior Finish, rustic;
Floor, hardwood; Heating, hot
air; Plumbing, Standard; Roof, wood
shingles.

Contract Awarded.
RESIDENCE. Cost, \$9500
SACRAMENTO, Sacramento Co., Cal.
1001 44th St.
Two-story frame 9-room residence.
Owner—R. M. Peckett, 2180 G St., Sacra-
mento.
Architect—Not stated.
Contractor—J. A. Saunders, 2810 J St.,
Sacramento.

Contract Awarded.
RESIDENCE. Cost, \$9090
SACRAMENTO, Sacramento Co., Cal.
3101 J St.
Two-story 5-room frame residence.
Owner—J. W. Penton, 815 13th St., Sacra-
mento.
Architect—Not stated.
Contractor—J. A. Saunders, 2810 J St.,
Sacramento.

Sub-Figures Being Taken.
RESIDENCE. Cost, \$15,000
OAKLAND, Alameda Co., Cal. S. Clay-
endon Crescent 600 W Ashmont.
Two-story frame residence (7 rooms
and basement garage).
Owner—H. M. Atkinson, Chapman and
Derby Sts., Oakland.
Architects & Constr. Managers—Mc-
Wethy & Greenleaf, 1512 Broad-
way, Oakland.

Sub-Figures Being Taken.
RESIDENCE. Cost, \$20,000
BERKELEY, Alameda Co., Cal. 701
Hilred cor. Euclid Ave.
Two-story frame and plaster residence.
Owner—Mrs. Jas. Gee, Los Angeles and
Shattuck Aves., Berkeley.
Architect and Contractor—McWethy &
Greenleaf, Albany Bldg., Oakland.

Sub-Figures Being Taken.
RESIDENCE. Cost, \$18,000
OAKLAND, Alameda Co., Cal. Ashmont
and Madison Blvd.
One-story frame and plaster Spanish
style residence and separate gar-
age (6 rooms).
Owner—H. T. Atkinson, 429 Vernon St.,
Oakland.
Architects & Contractor—McWethy &
Greenleaf, Albany Bldg., Oakland.
Plumbing awarded to Harry New-
man.

Plans Being Figured.
RESIDENCE. Cost, \$15,000
FRESNO, Fresno Co., Cal.
Two-story brick end frame residence
and garage (3 rooms).
Owner—Dr. C. H. Ingram.
Architect—Swartz & Ryland, Rowell
Bldg., Fresno.

Plans Completed.
RESIDENCE, ETC. Cost, \$15,500
STOCKTON, San Joaquin Co., Cal. N-
Hunter and Madison Blvd.
Frame residence and garage.
Owner—Mrs. John Milco, 312 N-Hunter
St., Stockton.
Architect—None.

Contract Awarded.
RESIDENCE. Cost, \$—
SAN FRANCISCO. 1324 Willard.
Extensive alterations to residence.
Owner—George A. Rankin, 1324
Willard.
Architect—Henry Shermund, Hearst
Bldg.
Contractor—Jack Callaghan, 900 Clay-
ton.

Contract Awarded.
RESIDENCE. Cost, \$12,178
OAKLAND, Cal. Benvenue Ave.
Two-story frame and plaster residence.
Owner—H. C. McQuilken, 6410 Regent
St., Oakland.
Architect—Chas. W. McCall, Central
Bank Bldg., Oakland.
Contractor—Walter Murch, Federal
Realty Bldg., Oakland.

Sub-figures being taken
RESIDENCE, GARAGE. Cost, \$35,000
PIEDMONT, Alameda Co. 61 Woodwood
Two-story frame and plaster residence,
12 rooms and garage.
Owner—Stewart Rawlings.
Architect and Contractor—William
Knowles, Hearst Bldg., San Fran-
cisco, and Central Bank Bldg., Oak-
land.

Contract Awarded.
Estimated cost, \$20,000
PIEDMONT, Alameda County, Cal. 74
La Salle Ave.
Two-story frame and plaster 9-room
residence and garage.
Owner—W. H. Eichen, 110 Market St.,
San Francisco.
Architect—Harris Allen, Central
Bank Bldg., Oakland.
Contractor—H. M. Frostholt, 877
Lakeshore Ave., Oakland.
Mr. Allen is taking sub-figures.

Plans being prepared
RESIDENCE, GARAGE. Cost, \$—
BERKELEY, Alameda Coun. Tunnel
Road.
Two-story and basement frame and
plaster residence and garage.
Owner—Dr. Hubert Helman.
Architect—W. H. Ratcliff, Jr., 1st Na-
tional Bank Bldg., Berkeley.

July 24, 1922
Contract Awarded.
RESIDENCE. Cost, \$9950
SAN FRANCISCO. S. W. Cabrillo and
3rd Ave.
Two-story and basement frame resi-
dence.
Owner—Philip P. Sheridan, care archi-
tect.
Architect—Earle B. Bertz, 168 Sutter.
Contractor—Allen & Co., 168 Sutter.

Plans being prepared
GYMNASIUM. Cost, \$11,000
BENICIA, Solano Co., Cal.
One-story frame gymnasium, 50 by 80.
Owner—Benicia School District.
Architect—W. A. Jones, 403 Alameda,
Vallejo.

Plans complete.
Sub-figures being taken.
RESIDENCE & GARAGE, \$12,000 each
SAN FRANCISCO. 28th Ave. & Lake.
Ten two-story frame and plaster resi-
dences and garages (9 rooms).
Owner—Allen & Co., 168 Sutter St.
Architect—Earle Bertz, 168 Sutter St.

Contract Awarded.
DWELLING. Cost, \$10,000
OAKLAND, Alameda Co., S. Hillcrest
Road, opposite Eucalyptus Road.
Two-story 10-room frame dwelling.
Owner—Frank Amonino, 498 Hudson,
Oakland.
Architect—Not given.
Day's work.

Architect Taking Sub-Figures.
RESIDENCE. Cost, \$9950
SAN FRANCISCO. SW Cabrillo and
Third Avenue.
Two-story and basement frame resi-
dence.
Owner—Philip P. Sheridan, % Architect
Architect—Earle B. Bertz, 168 Sutter.
Contractor—Allen & Co., 168 Sutter St.,
San Francisco.

Contract Awarded.
BUNGALOWS. \$55,149
SOUTH SAN FRANCISCO. San Mateo
Co., Cal.
Twenty-two one-story frame bunga-
lows.
Owners—Henry R. Viette, 207 Grand,
So. S. F.; John O. and Minnie C.
Larsen, Helen E. and Irial Hos-
ton, Daniel M. Brereton, Stephen
B. Hughes, 228 Townsend St., S.
F.; Fanny C. and John F. Bretsen,
Attilio Silveri, South City Salt
Co., Annie M. Cunningham, E. C.
Peck Inv. Co., So. S. F.; Marianne
G. and Wm. J. Martin, 801 Grand, So.
S. F. and Peter Palo, 424 San
Bruno, So. S. F.
Architect—Not given.
Contractor—George Wagner, 251
Kearny St., San Francisco.

Plans Being Prepared—To Be Done by
Day's Work.
BUNGALOWS. Cost, \$4000 each
BERKELEY, Alameda Co., Cal. Bev-
erly Place and Hopkins St. between
Berkeley and Northbrae.
Fifteen one-story frame bungalows.
Owner—Roy O. Long Co., 2114 Shat-
tuck Ave., Berkeley.

Contracts Awarded
RESIDENCE. Cost, \$15,000
PALO ALTO, Santa Clara Co., Cal.
Stanford University Grounds.
Two-story frame and stucco residence
with tile roof (10 rooms and gar-
age).
Owner—Prof. C. F. Tolman, Jr., 6 Alva-
rado, Palo Alto, Cal.
Architect—John K. Branner, 251
Kearny St.
General Contractor—C. H. Bessett
Bldg., 660 Market St., San Francis-
co.

Tile roof contract awarded to the Glad-
ding-McBean Co., Crocker Bldg.
Painting not yet let.

Plans Being Figured
RESIDENCE. Cost, \$12,000
PALO ALTO, Santa Clara Co., Cal.
Hamilton Ave.
Two-story frame and plaster residence.
Owner—Jesse Whitehead.
Architect—John K. Branner, 251 Kear-
ny St., San Francisco.

Plans Being Prepared.
RESIDENCE. Cost, \$10,000
WATSONVILLE, Santa Cruz Co., Cal.
Two-story frame and plaster residence.
Owner—H. A. Hyde.
Architect—Geo. E. McCrea, 359 Pine St.,
San Francisco.

Plans Being Figured.
RESIDENCE. Cost, \$15,000
SAN FRANCISCO. Presidio District.
Two-story frame and plaster residence.
Owner—Withheld.
Architects—J. L. Powers and J. H.
Abndun, 460 Montgomery St., S. F.

Contract Awarded
DWELLING. Cost, \$13,050
OAKLAND, Alameda Co., Cal. 528 S.
Ashmont.
Two-story 11-room frame dwelling.
Owner—C. Levensaler.
Architect—Not given.
Contractor—C. A. Bradhoff, 911 55th
St., Oakland.

Figures to Be Taken Shortly.
2 COTTAGES. Cost, \$13,000
BERKELEY, Alameda Co., Cal. State
Blind Home.

Two cottages.
Owner—State of California
Architect—Geo. B. McDougall, Formu-
Bldg., Sacramento.

Plans Being Figured
RESIDENCES. Cost, \$8000 and \$12,000
BERKELEY, Alameda Co., Cal. Spruce
and Virginia Sts.
Two two-story frame and stucco resi-
dences.
Owner—W. J. Acheson.
Architect—Jas. W. Plachek, 2014 Shat-
tuck Ave., Berkeley.

Plans Being Prepared.
RESIDENCE. Cost, \$10,000
OAKLAND, Alameda Co., Cal. Lake-
shore Terrace.
Two-story frame and plaster resi-
dence (10 rooms and garage).
Owner—Bernard Silverstein.
Architects—Morrow & Garren, Chroni-
cle Bldg., San Francisco.

Contract Awarded.
RESIDENCE. Cost, \$8000
SAN FRANCISCO. 30 Commonwealth.
Alter two-story and basement frame
residence.
Owner—Paul Samuel.
Architect—Arthur S. Bugbee, 26 Mont-
gomery St., San Francisco.
Contractor—A. L. Thulin Co., 242 18th
Ave.

Contract Awarded.
RESIDENCE. Cost, \$74,500
LOS ANGELES, Los Angeles Co., Cal.
Beverly Hills.
Two-story frame, stucco and brick
residence, garage and keeper's
cottage (16 rooms and 4 bathrooms).
Owner—Chas. Boldt.
Architect—Elmer Grey, Wright-Cal-
ender Bldg., Los Angeles.
Contractor—C. D. Goldthwaite, Marsh-
Strong Bldg., Los Angeles.

A. E. Leitch

Fred Clark

CLARK & LEITCH ROOFING CO.

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1116 SECOND ST., SACRAMENTO

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To Be Done by Day's Work.
DWELLINGS. Cost, \$5000 each
SAN FRANCISCO. W. 21st Ave. 100 to
72 S. Balboa St.
Four two-story and basement frame
dwellings.
Owner—A. V. Anderson, 595 21st Ave.,
San Francisco.

Contract Awarded.
RESIDENCE. Cost, \$12,058
SAN FRANCISCO. St. Francis Wood
Two-story and basement frame and
garage—Dr. J. A. Hanson.
plaster residence.
Architect—H. H. Gutterston, 278 Post
St., San Francisco.
Contractor—Mange's Bros., 4792 Mis-
sion St.

SCHOOLS

Contract Awarded.
SCHOOL ADDITION. Cost, \$—
LOS ALTOS, Santa Clara Co., Cal.
One-story frame and plaster addition
to school.
Owner—Los Altos Grammar School
District.
Architect—W. H. Weeks, 359 Pine St.,
San Francisco.
Contractor—Palo Alto Eng. & Const.
Co., Palo Alto, Cal.
The contract was awarded on modifi-
cations in the plans.
The heating, electrical, window
shades and blackboards bids are still
under advisement.

Plans Complete.
Figures to be taken in about ten days.
SCHOOL. Cost, \$110,000
REDDING, Shasta Co., Cal. East Side
Grammar School. Two-story re-
inforced concrete and tile school
Bldg. (10 rooms and auditorium).
Owner—Redding School District.
Architect—Woollett & Lamb, Hagel-
stein Bldg., Sacramento.
SPECIFICATIONS
Heating, steam; marble, toilet parti-
tions; roof, tile.

Date of Opening Bids Extended from
July 24 to August 7, 1922, at 4 p.m.
SCHOOLS. Cost, \$50,000 and \$100,000
respectively.

GILROY, Santa Clara Co., Cal.
One-story 6-room frame and stucco
Junior High School and a 14-room
frame and stucco Elementary
School.
Owner—Gilroy School District.
Architect—Wyckoff & White, Growers
Bank Bldg., San Jose.
Among the firms figuring are C. L.
Wold, Chas. Stockholm & Sons and
Ward & Jones, all of San Francisco.
Figures are being taken for a general
contract, with separate bids for the
plumbing and heating. Plans may be
obtained for \$20. The heating plans may
be obtained from Leland & Haley, en-
gineers, Hollbrook Bldg., San Francisco.

Plans Being Prepared.
SCHOOL. Cost, \$15,000
ROCKLIN, Placer Co., Cal. School site,
on Highway.
One-story frame Grammar School, 3
rooms, etc.
Owner—Rocklin School District.
Architect—Frederick S. Harrison, Peo-
ples Bank Bldg., Sacramento.

Preliminary Plans Being Prepared.
SCHOOL. Cost, \$75,000
REDDLEY, Fresno Co., Cal. Near
Reddley.
One-story fireproof school.
Owner—Altamont School District.
Architects—Swartz & Ryland, Rowell
Bldg., Fresno.
A bond election for the amount of
\$95,000 will be held on August 9th.

Plans Being Prepared.
SCHOOL BLDGS. Cost, \$135,000
TULARE, Tulare Co., Cal.
Girls' and Boys' Gymnasium buildings,
Mechanical Arts building and six
additional classrooms.
Owner—Tulare Union High School
District.
Architect—Swartz & Ryland, Rowell
Bldg., Fresno.

SCHOOL. Cost, \$15,000.
VALLEJO, Solano Co., Cal. Main and Missouri.
One-story brick school building, 50x80.
Owner—Vallejo Industrial and Normal Institute (Charles H. Toney, principal).
Architect—Not given.
Day's work.

Contract Awarded.
ADDITIONS. Cost, \$40,388.
TAFT, Kern Co., Cal.
Additions to high school.
Owner—Taft Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Cobby & Owsley, Call Bldg. San Francisco.
Other bidders were:
Larsen & Siegrist, S. F. \$41,400
Vielte, Vallejo, Calif. 39,876
Barklow & Grail, Fresno 42,000
Curry & Duglar, Bakersfield 43,700

Plans Being Figured—Bids Close Aug. 21, 1922, 4:30 P. M.
SCHOOL. Cost, \$120,000.
OAKLAND, Alameda Co., Cal. Sixty-third St. and San Pablo Ave. (Golden Gate Junior High School).
One-story brick Junior High School with tile roof.
Owner—City of Oakland.
Architect—C. W. Dickey, 2149 Broadway, Oakland.

Figures are being taken for segregated contracts. Plans may be obtained from the architect.
See end for bids under official proposal section in this issue.

Preliminary Plans Being Prepared.
COLLEGE BLDG. Cost, \$200,000.
LOS ANGELES COUNTY, Echo Drive, Highland Park.
Group of Class "A" college buildings, administration building and two dormitories.
Owner—Southern California Bible College.
Architect—Harrold Cross, 1132 Merchants' National Bank Bldg.

Plans Being Figured. Cost, \$—
DORMITORY BLDG.
LOS ANGELES, 16th and Western Ave.
Three-story reinforced concrete and cement plaster 100-room dormitory building, 100x200.
Owner—Harvard Military Academy, 1601 South Western St.
Architect—Johnson, Kaufman & Coate, 608 Union Bank Bldg.

Plans Being Figured—Bids Close Aug. 21, 1922, 4:30 P. M.
SCHOOL. Cost, \$120,000.
OAKLAND, Alameda Co., Cal. Sixty-third St. and San Pablo Ave. (Golden Gate Junior High School).
One-story brick Junior High School with tile roof.
Owner—City of Oakland.
Architect—C. W. Dickey, 2149 Broadway, Oakland.

Figures are being taken for segregated contracts. Plans may be obtained from the architect.

Low Bidder. Cost, \$—
GYMNASIUM
SANTA CRUZ, Santa Cruz Co., Cal.
Bush League Park, Gymnasium.
Owner—Santa Cruz School District.
Architect—Not given.
Low bidder—Geo. W. Reid, 74 Locust St., Santa Cruz.

The bids ranged from \$18,000 to \$22,000 and were from the following contractors: Deane & Powers, Knudsen & Egeen, Hamilton & Church and Geo. W. Reid. Bids were taken under advisement.

Contract Awarded. Cost, \$32,458.
MECHANICS' BLDG.
BERKELEY, Alameda Co., Cal. U. of C. Campus.
One-story reinforced concrete structure, 40x80 (first unit of new mechanics building).
Owner—University of California.
Architect—John Galen Howard, First National Bk. Bldg., San Francisco.
Contractor—W. G. McGinty & Son, Federal Bldg., Oakland.

Contracts Awarded. Cost, \$—
SCHOOL.
SAN MARTIN, Santa Clara Co., Cal.
One-story frame and plaster school.
Owner—San Martin Grammar School.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
General Contract awarded to Palo Alto Engineering Co., 220 Emerson St., Palo Alto, \$32,845.
Heating to Latourrette-Fical Co., 2761 Sacramento Blvd., Sacramento.
Blackboards to F. W. Wentworth, 539 Market St., San Francisco.
Shades to John Morton, San Francisco, \$500.

PACIFIC GROVE, Monterey Co., Cal.
—All bids received on July 24th by J. Williams, Clerk of the Pacific Grove High School District, for constructing a community shop building were rejected as being too high. The lowest bid received was for \$17,000. Plans will be revised by the Architects Tuttle & Angelo, 565 Lighthouse Ave., Pacific Grove.

TONOPAH, Nevada—C. R. Hill, Reno.
at \$42,400 awarded contract by Tonopah High School District for concrete work and interior finish in connection with two wing addition to present school building.
Reno, awarded contract for plumbing and steam heating system at \$500.

NAPA, Napa Co., Cal.—Until August 5, 3 p. m. bids will be received by Howard E. Rotor, clerk, Napa School District, for furnishing and installing window shades and linoleum in Lincoln and Sherer schools. Specification may be had from clerk or from Architect W. H. Weeks, 369 Pine Street, San Francisco.

MODESTO, Stanislaus Co., Cal.—Until August 7, 3 p. m. bids will be received by C. R. Taylor, Route 2, Box 167, Modesto, clerk, Paradise School District, for painting and tinting school, painting to consist of two coats lead and oil, color as selected. Interior work to be one coat calomine tinting, color as selected, and all interior finish to receive one coat Fuller's finishing varnish, or its equal. Work to be completed August 29.

MILL VALLEY, Marin Co., Cal.—Until August 7, 12 m. bids will be received by Mrs. Mary Seymour, clerk, Tamalpais Union High School District, for grading grounds, constructing alter plant, furnishing electrical appliances, including water heaters, etc., and school furniture. Specifications on file in office of Principal of High School, Mill Valley.

BERKELEY, Alameda Co., Cal.—Bids were received as follows on July 25th by the Berkeley Board of Education for fencing at the Columbus and Emerson schools:

Columbus School
West Coast Wire & Iron Works, San Francisco, \$696; single gate, \$24; double gate, \$60. Standard Fence Co., \$1115 complete.

Emerson School
West Coast Wire & Iron Works, \$500. Single gate, \$24; double gate, \$60. Standard Fence Co., \$955 complete.

STOCKTON, San Joaquin Co., Cal.—The following bids were received on July 24 by the Stockton Board of Education for the construction of a shop building and alterations to the gymnasium at the high school. Plans were prepared by Architect Louis L. Stone, Belding Bldg., Stockton. Bids were taken under advisement.

General Contract
Shepherd & Riley, Yosemite Bldg., Stockton \$22,814
Harvey E. Vickroy, Stockton 24,661

SANTA ROSA, Sonoma Co., Cal.—Until August 3, 11 a. m. bids will be received by Sarah N. Hatch, secretary, Santa Rosa High School District, for repairing and renovating the high school annex. W. H. Weeks, architect, 369 Pine Street, San Francisco.

WATSONVILLE, Santa Cruz Co., Cal. Bids were opened as follows by the Board of Trustees of the Watsonville School District for the construction of a two-room addition to the school. Architects Wyckoff & White, Growers Bank Bldg., San Jose, prepared the plans. The contract was awarded to Geo. Armstrong of Oakland:
Geo. Armstrong \$3895.00
Porter Smith 4485.00
N. Mullerskov 4490.00
A. E. Roberts 4602.27

BERKELEY, Alameda Co., Cal.—Until August 1, 4 P. M. bids will be received by Clyde Blanchard, Secretary, Board of Education, for furnishing and installing school furniture. Lists of materials desired may be had from the Secretary, 2133 Allston Way, Berkeley.

NOVATO, Marin Co., Cal.—Until July 31, 10 A. M. bids will be received by G. E. Clegg, clerk, Novato School District, for furnishing and delivering 201 folding chairs and 130 school desks, standard, refinished.

SAN MARTIN, Santa Clara Co., Cal.—The following bids were received on July 22nd, by the Board of Trustees of the San Martin Grammar School District for the construction of a one-story frame and stucco school building from plans prepared by Architect W. H. Weeks, 369 Pine street, San Francisco. Bids were taken under advisement. Bid (a) is for frame and stucco; (b) Educational Bldg. (c) deduct for omitting one classroom.

General Contract
Palo Alto Engineering Co., 220 Emerson St., Palo Alto (a) \$53,843; (b) \$— (c) \$2865.
Wm. Raacke, Gilroy (a) \$35,632; (b) \$— (c) \$—
Cobby & Owsley, San Francisco (a) \$37,830; (b) \$39,830; (c) \$2000.
Chas. Stockholm, S. F. (a) \$37,900; (b) \$— (c) \$—
John Elton, S. F. (a) \$38,123; (b) \$41,325; (c) \$2100.
C. L. Wold, S. F. (a) \$11,323; (b) \$42,778; (c) \$2300.

Heating—(Alternate for oil burner)
Latourrette-Fical Co., \$2550 \$636
ramento 3820 705
Scott Co. 3747 737
Thos. J. Kennedy, Martinez 3701 705
J. E. O'Mara, S. F. 3747 737

Blackboards
F. W. Wentworth \$435
C. F. Weber Co., S. F. 500
John Morton, S. F. 500

Shades
John Merton, S. F. \$560
W. & J. Sloane, S. F. 515
D. N. & E. Walter Co., S. F. 625
A. B. Earshinger, S. F. 575

LOS ANGELES, Los Angeles Co., Cal.

—Wm. Stacko, 1760 W. 25th St., was low bidder at \$57,313, for erecting two new additions at San Pedro high school site for the Los Angeles Board of Education. Other bids were: Darrell Cendley Co., \$96,000; Davidson Co., \$92,957; J. A. Hill Constr. Co., \$99,848; Hult-Wardell Constr. Co., \$92,300; Pozzo Constr. Co., \$100,000; Wm. G. Reid, \$92,323; Brace Stanton, \$90,937. Bids taken under advisement.

FLAGSTAF, Ariz.—W. P. Agren, Phoenix, Ariz., was awarded general contract by Flagstaff High School District at \$123,400, for erecting new brick high school building at Flagstaff. Electric and program clocks were awarded to New State Electric Co., Phoenix, at \$8633; and plumbing and heating to Samsky Co., Flagstaff, at \$19,440. Bids on painting were not opened and new bids will be received on July 29. Norman F. Marsh, 211 Broadway, Central Bldg., Los Angeles, and V. O. Wallingford, Phoenix, Ariz., are the architects. Auditorium, classrooms, gymnasium, manual training and domestic science departments. Estimated cost, \$175,000.

CHICO, Butte Co., Cal.—Until August 5, 1:30 p. m. bids will be received by C. J. Hopkins, clerk, Shasta Union School District to construct room and auditorium reinforced concrete school building. Chester Cole, architect, Waverlyan, Breslawer Bldg., Chico. See call for bids under official proposal section in this issue.

SELMA, Fresno Co., Cal.—Unit: Aug. 2, 8 P. M. bids will be received by C. W. Christensen, Clerk Selma Union High School District, for furnishing and installing 42 lockers and 570 keyless locks. Separate bids are wanted. Specifications may be had from Clerk.

VISALIA, Tulare Co., Cal.—Unit: August 7, 7:30 p. m., bids will be received by C. T. Pool, secretary, Board of Education, to construct school building. Harry W. Michael, designer, Harrell Bldg., Visalia. See call for bids under official proposal section in this issue.

BERKELEY, Alameda Co., Cal.—Bids were opened on July 21 by the Comptroller of the University of California, for the construction of a one-story reinforced concrete building 40x50, to be known as the first unit of the "Mechanics Building." Plans were prepared by Archibald John, Golden, Howard, Pitkin National Bank Building, San Francisco. Following is a complete list of the bids: G. W. McGinty & Sons, Federal Realty Bldg., Oakland, \$32,458; Jas. L. McLaughlin, S. F., \$37,750; I. M. Sommer Co., San Francisco, \$35,881; Hannah Bros., San Francisco, \$35,900; L. J. Cohn, San Francisco, \$36,700; Barrett & Hillip, San Francisco, \$37,400; Schuler & Nelson, Oakland, \$38,417; Walter Murch, Oakland, \$41,747; F. W. Maurice, Oakland, \$43,000; Lange & Bergstrom, S. F., \$44,569; Clinton Construction Co., S. F., \$46,000; P. F. Reilly & Nemetz, S. F., \$46,500.

SALIDA, Stanislaus Co., Cal.—Unit: Aug. 5, 3 p. m., bids will be received by Chas. Craig, clerk Salida Grammar School District, for furnishing and delivering approximately 10,000 worth of shop equipment and machinery to be installed in the manual training department of the high school building. See call for bids under official proposal section in this issue.

JEROME, Ariz.—Egan Constr. Co., Jerome, submitted low bid to Jerome High School Trustees at \$181,000 for constructing group of buildings at Jerome High School site. Lescher, Kibbey & Mahoney, Phoenix, architects. Walter Engineering, bid \$138,000, and there were other bids running to \$259,000.

CONCORD, Contra Costa Co., Cal.—The following bids were received on July 24 by the Board of Trustees of the Mt. Diablo Union High School District for the construction of a two-story reinforced concrete school building from plans prepared by Architect W. H. Weeks, 289 Pine Street, San Francisco. The general contract was awarded to the West Coast Construction Co., San Francisco. The heating bids were under advisement:

	General Contract		Alternate	
	Science Manual Bldg.	Arts Manual Bldg.	Arts	Arts
West Coast Construction Co., S. F.	\$83,489	\$19,614	\$18,503	
W. G. McGinty & Sons, Oakland	87,668	21,207	20,132	
J. S. Sampson Co., S. F.	88,500	21,800	20,200	
C. P. Wold, S. F.	89,900			
Robert Trost, S. F.	91,320	24,183	22,883	
Larsen & Gledhill, S. F.	91,777	21,500	21,304	
Cobby & Owsley, S. F.	92,840	22,450	22,250	
M. C. Vaughn, S. F.	101,000	24,400	23,000	

(2) Alternate for double system Heating
Thos. J. Kennedy, Martinez, (1) \$2,914 (2) \$7,077
Lacourrette & Fildes, Co., Sacramento, (1) 2,340 (2) 7,480
Scott Co., (1) 2,718 (2) 7,990

SAN JOSE, Santa Clara Co., Cal.—Unit: August 8, 7:30 P. M. bids will be received by Walter L. Bachrodt, secretary, Board of Education, to install oil burners in Grant and Horace Mann schools.

SAN JOSE, Santa Clara Co., Cal.—Unit: August 8, 7:30 P. M. bids will be received by Walter L. Bachrodt, secretary, Board of Education, for furnishing and delivering school desks and lockers in Jefferson School.

Sacramento, Cal.—Unit: August 14, 5 P. M. bids will be received by Chas. C. Hughes, secretary, Board of Education, for furnishing and delivering lumber as follows:

- 1100 lb. ft. 1 1/2 x 12 x 16—0.
- 100 lb. ft. 1 1/2 x 6 x 16—0.
- 1650 lb. ft. 1 1/2 x 16 x 16—0.
- 100 lb. ft. 1 1/2 x 14 x 16—0.
- 100 lb. ft. 1 1/2 x 12 x 16—0.
- 7000 lb. ft. 1 x 12 (in 12, 14 and 16 ft. lengths).

- 300 lb. ft. 1 x 8 x 16.
- 500 lin. ft. 2 x 3, and lengths.
- 400 lin. ft. 2 x 4, any lengths.
- 300 lin. ft. 3 x 3, any lengths.

All rough, clear, dry, white cedar 3000 lb. ft. No. 2 shop lumber, white pine, rough, any lengths.

All to be delivered within thirty days from award of bid. C. o. b. School Shop. Certified check of 10 per cent, payable to Board of Education required with each bid.

BOULDER CREEK, Santa Cruz Co., Cal.—Unit: August 1, bids will be received by Trustees of Boulder Creek Union High School District, A. H. Townsend, president, for painting high school building; work to be completed September 3. See call for bids under official proposal section in this issue.

VISALIA, Tulare Co., Cal.—Unit: August 7, 7:30 P. M., bids will be received by C. T. Pool, clerk, Visalia Union High School District, for furnishing and delivering approximately \$10,000 worth of shop equipment and machinery to be installed in the manual training department of the high school building. See call for bids under official proposal section in this issue.

SULTANA, Tulare Co., Cal.—G. A. Graham, Dinuba, at \$30,956, awarded contract by Sultana Elementary School District to construct 4-classroom and auditorium school. Other bids: Markward, Fresno, \$32,475; S. N. Chase, Dinuba, \$33,146; Spait & Payne, Dinuba, \$33,400. Ernest J. Kump Co., Roswell Bldg., Fresno, architects.

PACIFIC GROVE, Monterey Co., Cal.—Bids received July 21 by J. J. Williams, clerk, Pacific Grove High School District, to construct community shop building. Work was rejected as being too high and new bids will be considered August 9, 8 P. M. Tuttle & Angel, architects, 565 Lighthouse Ave., Pacific Grove.

ROSEDALE, Kern Co., Cal.—Election will be held August 18 in Rosedale School District to vote direct tax of \$250 to finance construction of assembly hall and purchase necessary furniture for same. Trustees of district are: Peter Hiemforth, A. L. Renfro and Reginald T. Waters.

HANFORD, Kings Co., Cal.—Unit: August 8, 11 A. M. bids will be received by Mrs. Jessie Wilkinson, clerk, Excelsior School District, for painting exterior of school buildings. Bids must be filed with County Superintendent of Schools at Hanford.

ELK GROVE, Sacramento Co., Cal.—Unit: August 11, 7:30 P. M. bids will be received by H. K. Gage, clerk, Elk Grove Union High School District to grade and surface for walks and drives; (2) installation of electric clocks; (3) constructing shop building; (4) furnishing and installing school furniture. See call for bids under official proposal section in this issue.

SHAFTER, Kern Co., Cal.—Worden-Jones Co., Brower Bldg., Bakersfield, at \$24,845 awarded contract by Shafter Grammar School District to erect one-story laboratory and frame school. Orville L. Clark, Brower Bldg., Bakers-

field, Architect. Other bids: C. E. Kutzoer, Bakersfield, \$25,800; Currie & Polgar, Bakersfield, \$28,445.

CHUBBUCK, Humboldt Co., Cal.—Unit: August 11, 7:30 P. M. bids will be received by Mrs. Jessie E. Adams, Clerk, Chubuck School District, to construct addition to the primary department of present school. Plans on file in the office of Jacobs, Ackerman & Grazier, Eureka.

JOHANNESBURG, Kern Co., Cal.—Unit: August 11, 7:30 P. M. bids will be received by Mrs. Goldie M. Nossler, Clerk, Johannesburg School District, to construct school building. Plans may be had from the clerk.

PORTLAND, Ore.—Architects Knighton & Howell, Tilford Bldg., Portland, are preparing working drawings for the proposed Grant High School to be erected at Tillamook, between 17th and 18th streets. Estimated cost, \$450,000.

SAN FRANCISCO—Finance Committee of the Board of Supervisors urges bond election for \$10,000,000 to finance construction of at least thirty-five new schools and provide additions to standing structures.

FAIR OAKS, Sacramento Co., Cal.—Unit: August 9, 8 P. M., bids will be received by the Trustees of the Fair Oaks School District to construct temporary two-room frame school. Plans on file at store of J. E. Holst & Co., Fair Oaks.

FLAGSTAFF, Ariz.—W. P. Agren, Phoenix, was awarded the contract at \$123,600 for general work in constructing a new high school at Flagstaff. H. A. Samsky, Flagstaff, was awarded the general contract for additions to the building at \$19,541.20. New State Electrical Co., Phoenix, was awarded electrical work at \$7665. The painting bids were returned unopened and new bids will be readjusted.

VENICE, Los Angeles Co., Cal.—Darrell Condeley Co., 520 Marsh-Strong Bldg., Los Angeles, submitted lowest bid at \$57,200 for work complete on general contract for additions to the Venice high school. Lohman Bros., 132 S. Spring St., Los Angeles, submitted lowest bid at \$2650 on the plumbing. Russell & Alpaugh, Story Bldg., Los Angeles, architects. Bids were taken (a) for work complete, (b) for study hall, (c) boiler room, (d) addition to mechanical arts building, and (e) addition to art department. The bids were: General Contract—Darrell Condeley Co., (a) \$57,200, (b) \$13,900, (c) \$3900, (d) \$39,000, (e) \$6200. Work will include 5-room addition to mechanical arts building; 1-story study hall, 60x18 ft.; addition to boiler house and furnishing 3d story of administration building. Brick constr., ruff. brick facing, tile and comp. rts.

STORES AND OFFICES

Contract Awarded. Cost \$25,000 and 16,000 respectively.
SAN FRANCISCO—W Grant Ave 62-6 and 107-8 Pine St.
Two 1-story reinforced concrete store buildings.
Owner—R. J. O'Brien.
Architect—Albert W. Burggren, 110 Sutter St., San Francisco.
Contractor—Kierman & O'Brien, 150 Jessie St., San Francisco.

Plans Being Prepared.
OFFICE BLDG.
BERKELEY, Alameda Co., Cal., SW
Channing Way and Telegraph Ave.
Four-story Class C physicians' office building (21 suites and 2 sun parlors).
Owner—Name withheld for present.
Architects and Managers of Construction—McWethy & Greenleaf, Albany Bldg., Oakland.
Each suite will contain a waiting room, nurses' room, consultation room, treatment room, dressing room and lavatory. All modern equipment for doctors' offices will be installed.

Plans Being Prepared
STORES Cost, \$10,000
AUBURN, Placer Co., Cal. High St. and
Lincoln Blvd.
Two-story reinforced concrete stores
and offices.
Owner—Nelson Realty Co.
Architect—Frederick S. Harrison, Peo-
ples Bank Bldg., Sacramento.

Figures to Be Taken in a Few Days.
STORE BLDG. Cost, \$15,000
SAN FRANCISCO. Mission St. and Eu-
genia Ave.
One-story reinforced concrete store
building, 100x58.
Owner—E. A. Cohn.
Architect—August G. Headman, Cal
Bldg., San Francisco.

Plans Being Prepared—Figures to Be
Taken in a Week
STORES Cost, \$12,500
SAN FRANCISCO. W. Mason 137.6 N.
Ellis.
Two-story and basement reinforced
concrete store building
Owner—Wm. H. Woodfield, Jr.
Architect—Wm. F. Gunnison, 1666 Gol-
den Gate Ave.

Concrete Work Contract Awarded.
OFFICE BLDG. Cost, \$—
OAKLAND, Alameda Co., Cal. 13th
and Franklin Streets.
Nine and 19-story Class A office and
publishing plant building.
Owner—Tribune Building Co.
Architect—Edw. T. Foulkes, Crocker
Bldg., San Francisco.
Concrete work awarded to Schuler &
McDonald, 351 12th St., Oakland,
at approximately \$87,000.

Contract Awarded.
STORE BLDG. Cost, \$—
STOCKTON San Joaquin Co., Cal. Main
Street near Center St.
Two-story and basement brick store
building, 50x100.
Owner—C. G. Gall & Co., 15 N-Center
St., Stockton.
Architect & Contractor—W. J. Scott,
Poplar Ave., Stockton.

Plans Being Prepared.
STORE BLDG. Cost, \$18,000
OAKLAND, Alameda Co., Cal. 40th and
Piedmont Ave.
One-story hollow tile store and bank
building.
Owner—Winthield.
Architect—Clay N. Burrell, 1st Savings
Bank Bldg., Oakland.

Plans Being Prepared.
STORES Cost, \$—
OAKLAND, Alameda Co., Cal.
One-story hollow tile store building (5
stores).
Owner—Winthield.
Architect—Clay N. Burrell, 1st Savings
Bank Bldg., Oakland.

Plans being figured.
STORE BLDGS. Cost, \$—
PITTSBURG, Contra Costa Co., Cal.
One-story Class C store building (2
stores).
Owner—W. J. Buchanan.
Architect—A. W. Cornelius, Merchant's
National Bk. Bldg., San Francisco.

To be done day's work and sub-con-
tracts.
STORES & OFFICES Cost, \$6000
SAN FRANCISCO. NE 4th and Freelon
ton Sts.
Two-story concrete stores and offices.
Owner—Atlas Heating & Ventilating
Co., 357 4th St.

Plans Being Prepared.
STORE Cost, \$40,000
FRESNO, Fresno Co., Cal.—Adjoining
No. 822 Van Ness Avenue.
One-story and basement fireproof
store.
Owner—Fisher-Glassford Hardware
Co., 1932 Tulare St., Fresno.
Architect—Not Given.

Contract Awarded.
STORES & OFFICES Cost, \$12,000
SAN FRANCISCO. NE. Bush and Bel-
den Place.
Alter 2-story class "C" building for
stores and offices.
Architect—S. Herman, 57 Post St., San
Francisco.
Contractor—MacDonald & Kahn, 130
Montgomery St.

LOS ANGELES, Cal.—Wurster Con-
struction Co., 251 Wholesale Terminal
Bldg., L. A., has the contract for the
new railway terminal postoffice build-
ing at southeast cor. 3rd and Central
Ave. in Los Angeles, for the Terminal
Development Co., Gerald Fitzgerald,
president. Contract covers erection of
a new building and remodeling of the
existing buildings, having a total of
150,000 sq. ft. floor space, adjacent to
spur track and private paved driveways.
Foulkes Elec. Co. has contr. for wiring,
Howe Bros. the contr. for plumbing
and heating. Lievolyn Iron Wrks and
American System of Reinforcing con-
tracts for steel. Keyless Lock Co. of
Indianapolis has contr. for substitution
layout, furniture and fixtures. Cost of
buildings about \$300,000. Government
has let contract to Gravity Conveyor
Co. for \$100,000 worth of carriers and
conveyors. John Parkinson and Don-
ald Parkinson, archts; J. H. Dockwell-
er, supervising engineer.

SAN FRANCISCO—C. J. Hillard &
Co., 19th and Minnesota streets, have
been awarded a contract at approxi-
mately \$48,000 for the ornamental iron
work in connection with the construc-
tion of the Matson Navigation building
on the southeast corner of Main and
Market streets. Bliss & Faville, Bal-
boa Bldg., are the architects.

LOS ANGELES, Cal.—A syndicate of
San Francisco business men for whom
Security Trust & Savings Bank is act-
ing as trustee, have purchased the
property, 60 x 150 ft., adjoining the Se-
curity National Bank Bldg. on South
Spring St. and contemplate erecting a
modern office building. A. C. Blumen-
thal & Co., Inc., are handling the pro-
ject.

MANTECA, San Joaquin Co., Cal.—
Directors of South San Joaquin Irriga-
tion District adopt resolution to
call election for August 22 to vote
special assessment of \$20,000 to
finance construction of office building
for the district.

PHOENIX, Ariz.—Geo. H. N. Luhrs
is planning to erect a two-story of-
fice building at the corner of South
Central Ave. and Jefferson St. in
Phoenix. Estimated cost, \$500,000. Mr.
Luhrs, who is the owner of the Com-
mercial Hotel, admits his plans, but
will not furnish further details at this
time.

THEATRES

Plans Being Figured.
THEATRE Cost, \$60,000
WATSONVILLE, Santa Cruz Co., Cal.
Reinforced concrete theatre.
Owner—Pajaro Theatre Co.
Architect—G. A. Lansburgh, 140
Montgomery St., San Francisco.

FRESNO, Fresno Co., Cal.—Ack-
erman & Harris, proprietors of Hippo-
drome, will expend about \$25,000 in re-
modeling. Leather chairs, carpets,
decorating and painting. Ward Morris,
Manager.

CARPINTERIA, Cal.—Local capital-
ists are organizing Carpinteria Im-
provement Co. with capital of \$100,000
with object in view of building con-
crete pleasure pier on the Satterly prop-
erty. H. S. Deadrick is chairman of
committee appointed by chamber of
commerce to assist with plans.

LOS ANGELES, Los Angeles Co., Cal.
Community Building Corp. has been
organized by residents of Hollywood
Blvd. and Vermont Ave. section with
the idea of building a suitable theatre
and auditorium for community pur-
poses. It is proposed to erect a build-
ing seating 900. The directors of the
new company are: Ben O. L. Wright,
George A. Green, D. B. Hogan, D. S.
Swan, and Orin L. Wright. The
capitalization is \$500,000. Other civic
improvements will be promoted by this
organization.

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BIDS WANTED FOR COMPLETE MECHANICAL EQUIPMENT FOR SACRAMENTO STATE BUILDINGS

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to and including 12 o'clock Noon, Tuesday, August 29, 1922, said bids then and there to be publicly opened and read for furnishing all plant, materials and doing the work required for the complete MECHANICAL EQUIPMENT, including Electrical Work, Plumbing and Drainage Systems; Heating Work; Ventilating Work, for the SACRAMENTO STATE BUILDINGS, i. e., the Library and Courts Building and the Office Building, Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for Mechanical Equipment and must be submitted on forms prepared and furnished by said Division of Architecture. Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid must be enclosed with each bid. A deposit of Twenty-Five (\$25.00) Dollars will be required on plans and specifications; the deposit to be returned immediately on the return of the plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and to waive any informality in any bid received.

The Construction work of said Sacramento State Buildings has been placed on a day's labor basis and on said basis the said Mechanical Equipment, as a sub-division of said construction is to be let by contract.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Mechanical Equipment, Sacramento State Buildings, Sacramento, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

Geo. B. McDougall, State Architect.
A. B. Fletcher, Director of Public Works.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 3 o'clock P. M. on August 21, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made. Portions of State Highway as follows:

Amador County, between Western Boundary and Central House (111-Ama-54-A), about nine and three-tenths (9.3) miles in length, nine and three-tenths (9.3) miles to be graded and

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

seven and six-tenths (7.6) miles to be surfaced with gravel.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willis, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission
AUSTIN B. FLETCHER,
State Highway Engineer.

R. A. MURRAY, Secretary.
Dated July 24, 1922.

BIDS WANTED

(Boulder Creek School Building, Etc.)

The Trustees of the Boulder Creek Union High School invite bids on the following contracts; bids to be delivered to the Board on or before August 1st. For painting High School building.

All outside wall surfaces, including sash and doors, outside trim cornice, pillars, ceiling, floor and steps of porch; to be painted two coats of paint composed of pure white lead plus 15 per cent white zinc thoroughly mixed in pure boiled linseed oil and proper color pigments to match present color scheme. Before application of paint, surfaces are to be brushed to remove dust and chalk; and where necessary nail holes, other defects and sash are to be repainted.

Roof to be painted one coat of paint composed of Princess metalic mixed with Imperial boiled oil or equivalent. All interior floors on main floor and entrance corridors to be covered with one coat of oil stain.

All interior trim and wainscoting now finished in the natural wood to be covered with varnish stain.

All interior surfaces of doors and sash on main floor and entrance corridor that is now finished with a paint surface to be painted one coat of lead and oil with color to match present paint.

Interior of both toilet rooms to be painted one coat lead and oil.

All materials to be subject to inspection before mixing. All work to be done in workmanlike manner, all work well brushed and the entire job completed on or before September 7th.

For flooring Print Shop.

SPECIFICATIONS
Sole: 1 x 4 pine 8 ft. apart, supported by 2 x 4 redwood underpinning set on 2 x 6 redwood mudsills.

Joists 2 x 8 pine set 16 inches on centers and properly bridged.

Floor 1 x 3 T and G surfaced pine No. 2 flooring with pitch pockets cut out or adequately filled.

Additional sills and underpinning to be framed under cylinder press as required to properly support it.

Raising and moving press and other machinery and cases to be done by contractor and in a manner to interrupt as little as possible the work of the shop.

All work to be done in a workmanlike manner so as to produce as solid true level and tight jointed floor well fastened with proper nailing.

All work to be completed on or before September 7th.

The Trustees reserves the right to reject any or all bids. By order of the BOARD OF TRUSTEES,
Boulder Creek Union High School. A. H. Townsend, Pres., Boulder Creek, California.

BIDS WANTED FOR REHABILITATION OF WATER SUPPLY SYSTEM

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., July 15, 1922. SEALED PROPOSALS will be opened at 12:00 noon, August 8th, 1922, in the office of the Superintendent of Construction, U. S. Veterans' Hospital, Palo Alto, Calif., for the rehabilitation of the water supply system of the hospital. Plans and specifications may be obtained from the Superintendent of Construction, at his discretion, Jas. A. Wetmore, Acting Supervising Architect.

NOTICE FOR BIDS

(Elk Grove School Improvements)

Office of the Board of Directors of the Elk Grove Union High School District, Sacramento County, State of California.

NOTICE is hereby given for sealed proposals to be delivered to the Clerk of the Board of Directors of the Elk Grove Union High School District, Elk Grove, California, until 3 o'clock P. M. of said day, for the following, the bids to be separate for each item:

1. Grading and surfacing walks and drives.
2. Furnishing and installing electric clocks.
3. Completing construction of shop.
4. Furniture.

Plans and specifications pertaining to these items are on file with the Clerk of the Board.

Each bid must be accompanied by a certified check in the amount of ten per cent (10%) of the amount of the bid.

Bids will be opened by the Board of Directors of said Elk Grove Union High School District on Friday, August 11th, 1922, at the hour of 7:30 o'clock P. M. in the office of the new high school building, Elk Grove, California.

The Board reserves the right to reject any or all bids, or any or all items of such bids.

By order of the Board of Directors of Elk Grove Union High School District,
S. R. GAGE,
Clerk of said Board, Elk Grove, Calif.

NOTICE TO CONTRACTORS

(Oakland-Golden Gate School. One-Story Brick Structure. Estimated Cost \$125,000)

Office of the Secretary of the Board of Education of the City of Oakland.

Sealed bids will be received by the Board of Education of the City of Oakland, City Hall, Oakland, California until the 21st day of August, 1922, at 4:30 o'clock P. M., at which time said bids will be opened, for the erection and completion of a new building for the GOLDEN GATE SCHOOL, of the Oakland City School District, located on the block bounded by 62nd Street, Horzorg Street, 63rd Street and San Pablo Avenue, Oakland, Calif.

Separate bids will be received for:
1. GENERAL WORK, including Excavating and Grading Work, Concrete Work, Carpentry Work, Miscellaneous, Ornamental and Structural Iron Work, Sheet Metal Work, Millwrighting Work, Tile Roofing Work, and Painting Work.
2. BRICKWORK.
3. LATHING AND PLASTERING.
4. PLUMBING.
5. HEATING AND VENTILATING.
6. ELECTRICAL WORK.
7. INTERIOR EQUIPMENT WORK.

Plans and specifications for said work are on file at the office of the Architect for the Board of Education, 2119 Broadway, Oakland, California.

On deposit with the Board of Education \$25 Dollars, said plans and specifications may be had by any prospective bidder for one of the branches of the work above listed. These plans and specifications may be retained as follows:

1. General Work, ten (10) days.
2. Brickwork, three (3) days.
3. Lathing and Plastering, three (3) days.
4. Plumbing, five (5) days.
5. Heating and Ventilating, five (5) days.
6. Electrical Work, five (5) days.
7. Interior Equipment Work, ten (10) days.

If the plans and specifications are not returned to the Architect within the time above specified, or are returned in a mutilated or damaged condition, the deposit will be forfeited and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Architect, and be signed by the bidder, accompanied by a certified check, certified to by some responsible bank or banker, and made payable to J. V. Edgemond, Secretary of the Board of Education, to be retained by the said School District as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand (\$5,000) Dollars, but for all bids of less than Fifty Thousand (\$50,000) Dollars, said check shall be for at least ten (10%) per cent. of the amount of the bid. Each bid shall be accompanied by an affidavit executed on a form that can be obtained from the Architect.

Bids will be opened by the Board of said District on the 21st day of August, 1922, at 4:30 o'clock P. M., in the Board Room, 111 Second Street, of said City of Oakland, City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

J. V. EDMOND,
Secretary of the Board of Education of Oakland, California

NOTICE TO CONTRACTORS

(Roads—Culverts)

Sealed proposals will be received by the Board of Supervisors of the County of Yuba, State of California, until 10 o'clock a. m., on Wednesday, August 9th, 1922, for the building of approximately six (6) miles of road, including forty (40) iron culverts with concrete wing walls, four (4) reinforced concrete bridges and one (1) reinforced concrete culvert, the building of which is to be done on the Knox Road, 18 miles northeast of Marysville, and to be let in two sections. Section No. 1, from

the Olive Ranch to Dexters Corners; Section No. 2, from Dexter Corners to the Stone House. Said work to be constructed in accordance with plans and specifications on file in the office of the County Clerk and in the office of the County Surveyor. All proposals must be filed with the County Clerk.

Plans and specifications can be seen at the office of the County Surveyor.

Each bidder shall deposit with his proposal a certified check, payable to the order of the County Clerk of Yuba County, in the sum of ten (10) per cent. of his proposal. Said deposit to be forfeited to the County of Yuba by the successful bidder in case he shall fail to enter into a contract in accordance with the terms of his proposal after the acceptance of the bid by the Board of Supervisors.

The Board of Supervisors reserve the right to reject any or all bids.

By order of the Board of Supervisors.

(Seal) W. J. MELLON,
Chairman.

W. M. Strief, Clerk.

NOTICE TO CONTRACTORS

(Shasta Union School District)

Notice is hereby given that the undersigned as trustees of the Shasta Union School District, Butte County, Calif., will receive up to the hour of 1:30 o'clock p. m. of Saturday, August 5th, 1922, sealed bids for the construction of a four-room and auditorium reinforced concrete building. All to be on the property of the Shasta Union School District, four miles north of Chico, Butte County, and to be in accordance to plans and specifications for same prepared by Chester Cole, architect, Chico, Calif.

Plans may be seen at the office of the Architect, Room 214, Waterland-Breslau Building, Chico, Butte County, Calif.

Each bid shall be accompanied by a check, certified by a responsible bank, payable to C. J. Hopkins, Clerk, for the amount of 10 per cent of bid, as provided for in said specifications.

The Board of Trustees reserves the right to reject any or all bids.

Bids to be sent to or filed with Chester Cole, Architect, Room 214, Waterland-Breslau Building, Chico, Calif.

C. J. HOPKINS, Clerk.
F. R. PARKER,
SHELLEY CARMACK,
UEL GARNER,
ELIZABETH ANDREWE.

Trustees of Shasta Union School District, County of Butte, State of California.

NOTICE TO CONTRACTORS

(Visalia School District)

By authority of the Board of Education of the City of Visalia, County of Tulare, California, sealed bids on behalf of Visalia School District, NOTICE IS HEREBY GIVEN that sealed bids for the furnishing of all materials and the performance of all labor necessary for the erection and completion of a school building to be erected by said School District on the property thereof on South Conyer Street, in the City of Visalia, and certain additions to the Highland School of said District on the grounds of said Highland School in said City, will be received up to the hour of 7:30 o'clock P. M. on Monday, the 7th day of August, 1922; the erection and completion of said buildings shall be done in accordance with plans and specifications (thereof prepared by Harry W. Michael, designer, which are on file in the office of the Clerk of said Board of Education, and may be seen at the office of said Designer in the Harrell Building in said City of Visalia.

Each bid must be accompanied by a Certified or Cashier's check for a sum of not less than five per cent of the amount bid as evidence that the bidder to whom the contract for such work may be awarded will within ten (10) days thereafter enter into a contract for the erection of

said buildings, which said contract shall provide, among other things, that the said bidder will furnish a bond for the faithful performance of said work in the amount of fifty per cent (50%) of the sum bid, and also a bond for the benefit of material men and laborers in accordance with the provisions of an Act of the Legislature of the State of California, entitled "An Act to secure the payment of claims of persons employed by contractors upon public works, etc., approved March 10, 1919 (Stats. 1919, p. 487, and Acts amendatory thereto). And such contract shall also provide that the successful bidder shall complete said work within twenty-five (25) working days from and after the date of said agreement, and that in the event that the bidder should fail to complete the work provided for within the time specified for such completion, due allowance being made for unavoidable delays, he shall become liable to the Visalia School District in the amount of Fifty (\$50) Dollars for each working day during which either of said buildings remain uncompleted beyond the time for such completion.

Said sealed bids may be filed with the undersigned as Secretary of said Board of Education, at his office in the Bank of Italy, Visalia Branch, in said City of Visalia. Said Board of Education reserves the right to reject any and all bids or to accept such alternative as in the judgment of said Board will be for the best interests of said Visalia School District, according to the plans and specifications thereof.

Dated: July 20, 1922.
C. T. POOL,
Secretary of the Board of Education of the City of Visalia.

BIDS WANTED FOR DIRECTORY BULLETIN

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., July 21, 1922—SEALED PROPOSALS will be received at the office of the Custodian, Honolulu, Hawaii, until 9 A. M., and at the office of the Supervising Superintendent, San Francisco, Calif., until 12 M., and at this office until 3 P. M., August 5, 1922, and then opened for furnishing and delivering f. o. b. Honolulu, T. H. Metal and Marble Directory, Bulletin, and Sign Boards, for the United States Post Office Building, U. S. Army Post Office, and U. S. Navy Post Office, at the House, at Honolulu, T. H. Drawings and specifications may be obtained from the Custodian of Honolulu, Hawaii, under the Supervising Superintendent, at Room 403 Post Office Building, San Francisco, Calif., or at this office in the discretion of the Supervising Architect, U. S. A. EAST-MORE, Acting Supervising Architect.

TO CALL FOR BIDS

SPECIFICATION NO. 4684, CIRCULATING LOOP FOR CENTRAL POWER PLANT, MARE ISLAND, CALIF.

NOTICE TO CONTRACTORS

The Bureau invites attention to the fact that it will open proposals, in the near future, on the project mentioned above. Bids will be invited on two 48-inch concrete intake conduits, a single 60-inch concrete discharge conduit, reinforced concrete intake and discharge structures and concrete sheet piling at the quayside wall, discharge pit, timber pile foundations for structures and conduits, shafts, manholes, clean-out pit, cast iron frames and covers, access to the structures and operating machinery; also the removal of wood-stove pipes in the existing tunnel, timber repairs to tunnel and all necessary excavation, trenching, and cofferdams.

In the event that this work is of interest, a check or postal money order for \$20.00, payable to the Chief of the Bureau of Harbors and Docks, should be forwarded immediately to the Bureau or to the Commandant, Navy Yard, Mare Island, Calif., as security for the safe return of the drawings and specifications, which will be forwarded as soon as available.

Engineering News Section

BRIDGES, DAMS & HARBOR WORK

STOCKTON, San Joaquin Co., Cal.—Until Aug. 8, 10 a.m., bids will be received by Eugene Graham, county clerk, to const. rein. conc. bridge over Calaveras River on West's Lane. F. E. Quail, county surveyor.

SAN RAFAEL, Marin Co., Cal.—Until Aug. 8, 2 p.m., bids will be received by Rob. E. Graham, county clerk, to const. rein. conc. bridge over Pine Gulch Creek at Bolinas, Rd. Dist. 3. Geo. M. Dodge, county surveyor.

RIVERSIDE, Cal.—deWaard & Colham, 207 Granger Bldg., San Diego, submitted lowest bid to supervisors at \$54,900 for erecting a rein. conc. bridge over Santa Ana River, to be known as Rubidoux Bridge, in accordance with plans and spec. by R. V. Leeson, 207 L. A. Ry Bldg., Los Angeles. Other bids on the same plans were: Edgar T. Wheeler Co., Los Angeles, \$87,540; W. M. Ledbetter Co., L. A., \$93,360. deWaard & Colham submitted the only bid on plans and spec. by Engrs. Houghton & Bonte of San Francisco, at \$129,000. The design of R. V. Leeson calls for five 100-ft. spans with 24-ft. roadway with camber curve of 2 ft. 6 in. Est. quantities are: 2630 cu. yds. conc., 76 tons rein. steel, 9000 lin. ft. cedar piling, with foundations 20 ft. below stream bed. The Houghton & Bonte design for a 3-binged arch, rein. conc. bridge of seven 72-ft. spans, with four arch ribs, footings on 5-ft. conc. cylinders instead of piles and 9-in. conc. deck.

Mercerou Bridge & Constr. Co., 313 N. Ave. 22, Los Angeles, submitted low bid at \$5785 for bridge complete, and \$2186 for one section of const. 380 ft. pile trestle bridge over Coachella Valley storm drain channel at Thermal on 56th Ave. J. J. Lipscomb, San Diego, bid \$6780.85 and \$3190.

VISALIA, Tulare Co., Cal.—Brown & Taylor, Brea, were awarded contr. on Proposition No. 2) by Tulare Co. Supervisors at \$24,412.79 for constructing rein. conc. bridge, 3 spans, 205 ft. long, 21 ft. wide, over Kaweah River, known as bridge No. 62, involv. (1) 432.92 cu. yds. Class A conc. (above elev. 1264.20) at \$23.47 yd.; (2) 236.19 cu. yds. Class A conc. (below elev. 1262.20) at \$23.47 yd.; (3) 229.48 cu. yds. Class B conc. at \$23.47 yd.; (4) 139.58 cu. yds. boulder conc. at \$23.47 yd. Other bids were:

Archer Da. Mari and J. Sorensen: (1) \$28, (2) \$27, (3) \$28, (4) \$27.50; total, \$28,816.78.

Fredrickson & Shannon, Fresno: (1) \$34.30, (2) \$43, (3) \$34, (4) \$29.40; total, \$36,997.33.
L. C. Lashmet, Prescott, Ariz.: (1) \$35, (2) \$20, (3) \$23, (4) \$15; total, \$27,287.74.

Engineer's est.: (1) \$21.50, (2) \$26.50, (3) \$19, (4) \$19; total, \$21,262.
Only bid on proposition No. 1, submitted by Fredrickson & Shannon, was: (1) \$42.30, (2) \$51, (3) \$41.20, (4) \$31.90; total, \$44,367.39.

Engineer's est. on proposition No. 1 was: (1) \$30, (2) \$29, (3) \$27, (4) \$25; total, \$43,927.38, including \$14,346.81 materials.

Contract for hauling materials was let to Wisler & Johnson, Forterville, at \$5909.06 involv. (1) 1313 tons gravel at \$3.25 ton, (2) 60.57 tons steel at \$3.91 ton, (3) 440 cu. yds. sand at \$1.25 yd., additional sand at 30c. Other bids were:

L. C. Lashmet Constr. Co.: (1) \$4, (2) \$4, (3) \$1; total, \$934.28.

Isbell Constr. Co.: (1) \$3.05, (2) \$1, (3) \$4.25, total, \$118.93.

Brown & Taylor: (1) \$4.79, (2) \$5.91, (3) \$1.65; total, 7376.87.
F. E. Blincoe: (1) \$5, (2) \$8.50, (3) \$1.60; total, \$7183.85.
Engineer's est.: (1) \$5.25, (2) \$5.25, (3) \$1; total, 7651.24.

SAN ANSELMO, Marin Co., Cal.—Town Engineer J. C. Oglesby, Cheeda Block, San Rafael, preparing specifications for permanent bridges at the following points: Lansdale Station, Saunders, Nakomis, Madrone, Redwood, Barber and Magnolia avenues.

CALIFORNIA—Following bids received July 24 by State Highway Commissioner to construct bridge over Bear River in Placer and Nevada counties, about 7 miles north of Auburn, consisting of two 100 foot steel truss spans with piers and abutments, involv. Two 100-ft. steel spans, erected in place and painted, complete, except reinforced concrete floor; 205 cu. yds. Class "A" Portland cement concrete in place, in pier, abutments and floor of steel spans; 470 cu. yds. Class "C" Portland cement concrete in place, in pier, wing walls and abutments. **Security Bridge Co., Ogdun, Cal.:** \$28,250.50.
Jenkins & Elton, Sacramento: \$29,750.
James J. Burke & Co., Salt Lake City: \$30,176.
A. W. Kitchen, Oakland: \$30,088.50.
Davison & Nicholsen, Stockton: \$31,022.
Edw. A. Martin, Marysville: \$31,336.
George Pollock Co., Sacramento: \$31,910.

The Bethlehem Shipbuilding Co., San Francisco, submitted a bid for the steel only at \$19,417. It will not be considered.
Engineer's estimate, \$32,960.

LOS ANGELES, Cal.—Until 11 A. M., August 21, bids will be received by supervisors to construct reinforced concrete bridge on State highway over west arm of Alamitos bay. Plans and specifications on file at office of board. Certified check for 10 per cent.

SAN MATEO, San Mateo Co., Cal.—A. Mattson, San Bruno, at \$4,222 awarded contract, by city trustees to construct rein. concrete bridge in Railroad Avenue, over San Mateo creek. Other bids: Chas. J. Lindgren, Hillsborough, \$5,724; W. L. McReynolds, Hollister, \$5,666; Geo. A. Renner, San Francisco, \$5,219; Rocca and Caletti, San Rafael, \$5,627; L. W. Larsen, Turlock, \$5,548; Giacomo Pinal, San Mateo, \$4,292; Frank Bryant, San Francisco, \$5,274.

SAN FRANCISCO—Until August 25, 11 A. M., bids will be received by U. S. Engineer's Office, Custom House, for dredging in Oakland Harbor. Further information on application.

SAN MATEO, San Mateo Co., Cal.—City Trustees reject bids to construct rein. conc. bridge in Chester Way over creek running from San Mateo to Burlingame and new bids will be opened August 11, 8 P. M. Bids received follow: Chas. J. Lindgren, \$6,239; W. L. McReynolds, \$6,200; Geo. A. Renner, \$6,175; Rocca and Caletti, \$6,389; L. W. Larsen, \$6,135; Giacomo Pinal, \$4,804. A Mattson, \$6,386; Frank Bryant, \$5,631.

SANTA ROSA, Sonoma Co., Cal.—W. L. Proctor, Santa Rosa, at \$1560 awarded contract by supervisors to construct Petaluma bridge (extension of Washington street). Other bids: Rocca & Caletti, 609 C street, San Rafael, \$1586; C. W. Ottwell, Claus Spreckels Bldg., San Francisco, \$1593; Call Construction Co., Santa Rosa, \$1730; L. W. Larsen, Route 1, Box 35, Turlock, \$1890. Engineer's estimate, \$1670.

Rocca & Caletti, 609 C street, San Rafael, at \$2274 awarded contract to construct Sebastopol-Cotati bridge. Other bids: D. E. Albers, 473 Ellis street, Santa Rosa, \$2360; Call Construction Co., \$2530; W. L. Proctor, \$2560; L. W. Larsen, \$2494. Engineer's estimate, \$2400.

McIntire & Seefried, 404 Farmers and Merchants' Bank Bldg., Stockton, at \$3290, awarded contract to construct two bridges and one culvert in Pocket Canyon road, other bids: Rocca & Caletti, \$3410; Call Construction Co., \$3640; L. W. Larsen, \$3625; W. L. Proctor, \$3350. Engineer's estimate, \$3500.

SAN FRANCISCO—Union Const. Co., Balfour Bldg., San Francisco, at \$26,132, submits low bid to board of public works to construct plate girder bridge over Six-Eigh Gulch, Hetch Hetchy project. Other bids: J. G. Williams Const. Co., \$27,260; Dyer Bros., \$27,965; Martin J. Lyons, \$28,200; A. W. Kitchen Co., \$37,247.

To construct concrete abutments and piers for above bridge Schlitz Const. Co., 46 Kearny St., San Francisco, was low bidder at \$32,940. Other bids: Martin J. Lyons, \$40,519; General Const. Co., \$41,000; Utah Const. Co., \$40,950; A. W. Kitchen Co., \$40,300.

LOS ANGELES, Cal.—County Bridge Engineer Armstrong authorized to prepare specification for concrete bridge across the mouth of San Gabriel river, at Alamitos bay. It will consist of ten 30-ft. spans and one 42-ft. span, with concrete piles and concrete abutments. The other Alamitos bridge, for which bids are being received August 21, and which spans a portion of Alamitos bay, will be 407 ft. long, 20 ft. wide, and will be a concrete structure on piles, consisting of twelve 30-ft. spans and one 42-ft. span.

SAN LEANDRO, Alameda Co., Alameda Co., Cal.—Charles W. Heyer, Alameda county supervisor, will meet with city trustees of San Leandro regarding the widening of the San Leandro creek bridge; estimated cost, \$35,000.

HOLBROOK, Ariz.—Until 11 A. M., August 7, bids will be received by Navajo county highway commission to construct 3-panel wooden bridge, 45-ft. long, on Winslow-Reservation road, located at John's Draw, 23 miles north of Winslow, involving 5000 ft. bridge lumber in place, 33 cu. yds. rubble masonry buttments. W. J. Hookway, secretary of commission.

Engineers and Contractors PLEASE NOTE

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VICTORIA, B. C.—W. H. Sutherland, minister of public works, reports bids will be asked shortly to construct bridge over Skeene river at Terrace; estimated cost, \$175,000. Will be steel span on concrete abutments.

SANTA BARBARA, Santa Barbara Co., Cal.—County supervisors have authorized advertising for bids to construct reinforced concrete bridge over Santa Monica creek on the Foothill road back of Carpinteria.

MARYSVILLE, Yuba Co., Cal.—R. H. Mahoney, San Francisco, has been awarded contract to haul cement to be constructed by the Yuba Development Co., at Bullard's Bar, the first link of the 24,000,000 project of the company. This portion of the project will be one of five restraining dams to be constructed and will be used to restrain debris from the future hydraulic operations in the gold fields in Yuba, Sierra and Plumas counties. The Bullard's Bar dam will cost \$500,000.

SEATTLE, Wash.—Board of Public Works, C. B. Bagley, secretary, rescinds action in ordering bids August 4 for the fabrication and erection of the superstructure, machinery and electrical equipment of the steel bascule bridge and two side spans over the West Waterway at West Spokane St. New bids have been asked to be opened August 15, 10 A. M., which shall include the construction of steel girder spans over lower Aave. The structure will comprise a double-leaf bascule span 288 ft. center to center of trunnions, 2 approach spans each about 140 ft. long, and steel girder spans about 136 ft. long. Certified check of 5 per cent, payable to City controller, required with each bid. Plans may be had from secretary on deposit of \$10.

SAN LUIS OBISPO, Cal.—Until August 8, 10 A. M., bids will be received by city supervisors to construct steel truss bridge over Cholame creek on Cholame lateral.

Separate bids, same date, to construct plate girder bridge over Santa Rosa creek, near town of Cambria; estimated cost, \$15,000. Warren Burch, Lowe Bldg., San Luis Obispo.

SAN LUIS OBISPO, Cal.—Until August 14, 7:30 P. M., bids will be received by city council to construct reinforced concrete bridge over Stenner creek in Villa street. Estimated cost, \$19,000. Plans obtainable from office of city engineer, Warren Burch, Lowe Bldg., San Luis Obispo.

LONG BEACH, Cal.—Until 11 A. M., August 28, bids will be received by S. engineer's office, 725 Central Bldg., Los Angeles, for furnishing about 130,000 short tons stone for rip-rap on levees of salt diversion works at Long Beach.

SAN BERNARDINO, Cal.—George Gardner, San Bernardino, submitted low bid to city council, at (1) \$19,900 for constructing reinforced concrete arch bridge over Warm Creek at Third St. George Herz submitted low bid at (2) \$15,948 for constructing a similar type of bridge over Warm Creek at Arrowhead Ave. Other bids were: James McNair Paying Co. (1) \$14,354 and (2) \$16,660; George Herz (1) \$14,963 and (2) \$15,948; George Gardner (1) \$13,990 and (2) \$17,550; Wm. Ledbetter & Co. (1) \$14,441 and (2) \$16,361; Mercereau Bridge & Construction Co. (1) \$16,452 and (2) \$19,497; W. D. Bohan (1) — and (2) \$16,000; Frank Hudson (1) \$18,070 and (2) \$20,325. Taken under advertisement.

RIVERSIDE, Cal.—All bids received by supervisors, July 21, for constructing reinforced concrete bridge across the Santa Ana river, known as "Rubidoux Bridge," were rejected by the board and new bids ordered advertised, to be opened August 21.

CALIFORNIA—Security Bridge Co., Ogden, Utah, at \$31,820, awarded the contract by State Highway Commissioner to construct steel bridge over Bear river in Auburn and Placer counties at \$28,250; materials to be furnished by State, \$8570; total cost, \$31,820. Engineer's estimate, \$35,630.

TUMALO, Ore.—United Contracting Co., Portland, at \$31,811, awarded contract by Deschutes County Municipal Imp. District to construct storage reservoir at Crescent. Roscoe Neal, La Grande, Ore., bid \$34,821, and H. L. Wilkey, Walla Walla, Wash., \$31,811. United Co. also successful bidder on diversion canal.

SAN FRANCISCO—Martin J. Lyons, 512 Mission St., at \$7900, awarded contract by Board of Public Works to grade roadway for relocation of Hetch Hetchy railway at Six-Bit Gulch: For furnishing, delivering and erecting steel bridge over Six-Bit contract was awarded to Union Construction Co., Balfour Bldg., at \$21,132, and to construct piers and abutments for same bridge contract awarded to Schultz Construction Co., 45 Kearny St., \$32,944.

Contract Awarded.
RESERVOIR Cost, \$27,500
SOUTH SAN FRANCISCO, San Mateo Co., Cal.
Two compartment reinforced concrete reservoir.
Owner—San Francisco Water Co., South San Francisco.
Architect—Owner.
Contractor—MacDonald & Kahn, 130 Montgomery St., San Francisco.

IRRIGATION PROJECTS

KLAMATH FALLS, Ore.—U. S. Reclamation Service, Klamath Falls, Ore., will rec. bids up to Aug. 31 to construct 11 miles of canal in the Langell Valley Division of the Klamath Reclamation Project, involv. 130,000 cu. yds. excavation.

KLAMATH FALLS, Ore.—Until August 31, 2 P. M., bids will be received by U. S. Reclamation Service, Klamath Falls, Ore., to construct about 11 miles of main canal, Langwell division, Oregon-California, involving 190,000 cu. yds. of excavation. The work is located about 25 miles east of Klamath Falls, in townships 49 and 41, and ranges 19 and 16. Further information may be had by addressing U. S. Reclamation Service, Klamath Falls, Ore.

OROVILLE, Butte Co., Cal.—George P. Forum Bldg., Sacramento, awarded contract by Reclamation District No. 83 to excavate 80,000 cu. yds. of earth in Section 1 of main drainage canal, at 35 cents cu. yd. Other bids: Dan Bayles, 35 cents cu. yd.; John Phillips, 36½ cents.

EAGLE POINT, Ore.—Until August 10, 10 A. M., bids will be received by Eagle Point Irrigation District for excavating main supply canal and appurtenances involving 180,000 cu. yds. of earthwork, 2-3 of which is machine work. Ralph P. Cowgill, engine in charge.

HOLLISTER, San Benito Co., Cal.—Funds are being raised to finance preliminary engineering data for which the one and one-half mile Tule and Tres Finos creeks for irrigation purposes. A. M. Runnels, 435 San Benito St., Hollister, is interested and will handle legal affairs.

SALEM, Ore.—The \$550,000 bond issue of the Deschutes County Municipal Improvement District, formerly known as the Tumalo Irrigation District, has been certified by the State Irrigation Securities Commission. The district will construct a dam at Crescent Lake reservoir and a feed canal from the Deschutes river to its reservoir, with the present Tumalo canal, providing irrigation for about 15,000 acres. Reclaiming of 7500 acres in the northern section of the district is also contemplated.

OROVILLE, Butte Co., Cal.—Plans to irrigate 8000 acres in the Thermoito and Table Mountain Irrigation Districts have been approved by directors of the districts and will be submitted by the State Bond Commission and State Engineer W. P. McClure for approval. Plans for the 4000 acre in the Table Mountain District call for the west branch of the Feather River, through an impounding dam to be built in the Concow Valley, and transferred from there to the lands by the system of the Pacific Gas and Electric Co. Plans for the Thermoito District call for a joint ownership of the Table Mountain District, and their water is also taken from the Feather River.

MANTECA, San Joaquin Co., Cal.—South San Joaquin Irrigation District will vote, August 22, a special assessment of \$30,000 to finance ditch lining and a drainage program.

LIGHTING SYSTEMS

ORANGE, Cal.—J. G. Robertson Elec. Co., Santa Ana, awarded contract by City Trustees at \$2375 to const. ornamental lighting system, consisting of 15 rein. conc. posts, globes, etc., on N. Pine St. bet. E. Chapman and E. Pine Aves.

PORTERVILLE, Tulare Co., Cal.—Chamber of Commerce backs movement to have electrolite lighting system installed in Main street, bet. Morton and Olive street, cost \$14,900.

MACHINERY

SAN RAFAEL, Marin Co., Cal.—Until Aug. 7, 8 p.m., bids will be rec. by Eugene E. Smith, city clerk, for fuel and del. 1 one-ton truck complete with steel pump body and cab, price not to exceed \$1000 f.o.b. San Rafael.

OAKLAND, Cal.—Union Const. Co., Key Route Fill, Oakland, at approx. \$175,000 awarded contr. by Shell Oil Co. to build 4000-bbl. capacity oil barge.

LOS ANGELES, Cal.—Until 3 P. M., August 11, bids will be received by public service commission, 207 S. Broadway, for one 75-hp. traveling crane. Specification No. P-281. Jas. P. Vroman, secretary.

SAN FRANCISCO, Cal.—Until August 7, 3 P. M., bids will be received by J. S. Dunnigan, clerk, board of supervisors, for transferring body of Winton ambulance No. 2 to new chassis. Proposal blanks will be furnished on application.

LOS ANGELES, Cal.—Until 3 P. M., July 28, bids will be received by public service commission, 207 S. Broadway, for 100 4-inch and 100 3-inch gate valves in accordance with specification 615-D.

Separate bids, same date, for 30 tons big lead, 1 9-b. dept.'s warehouse, 510 East Second Street. Material to be soft enough for caulking in cast iron water pipe. Specification 615-B. Jas. P. Vroman, secretary.

KERMAN, Fresno Co., Cal.—Until August 7, 8 P. M., bids will be received by M. S. Meeker, secretary, Kerman Union High School District, for furnishing one three-fourths in. on motor truck chassis, bevel and pinion gear rear drive; transmission four speeds forward and one reverse; 36x6 pneumatic cord tires front and rear; also bids for one bus body to seat 25 or 30 pupils.

SAN FRANCISCO, Cal.—Until August 7, 3 P. M., bids will be received by Frank T. Kennedy, secretary, Fire Commission, for furnishing 25 double 6-in. hydrants, more or less, complete, and also separate hydrant parts. Proposal blanks on application to secretary, basement, city hall.

BIGGS, Butte Co., Cal.—Until August 4, bids will be received by W. H. Green, clerk, Biggs School District, for furnishing and delivering one school bus; seating capacity, 12 pupils. Further information on request.

VISALIA, Tulare Co., Cal.—Until August 3, 1 P. M., bids will be received by M. O. Bush, clerk, Traver School District, to erect tank tower 18-ft. in height, with galvanized iron tank of 3000 gal. capacity and an 8-ft. air motor windmill, piping and necessary connections to be made with school building, and the installation of toilets, drinking fountains, sinks and other pumping. Certified check for 5 per cent required with each bid.

OAKLAND, Cal.—Playground Commissioners will ask bids immediately for furnishing and delivering approximately \$10,000 worth of grass seed, sprinklers, tools and other materials to complete the municipal golf links near Lake Chabot. Jay Nash, superintendent of commission.

TAFT, Kern Co., Cal.—Midway Gas Co. is planning to erect 960-H.P. 6-unit compressor station in Elk Hills. A similar plant is in course of construction near Santa Fe Springs.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, appropriates \$12,650 for purchase of 20-in. and 24-in. porton pipe and ball joints; \$6286 for purchase of 20-in. steel shore pipe.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, appropriates \$2745 for purchase of three auto truck for Street Department.

FRESNO, Fresno Co., Cal.—Frank E. Davis awarded contract at \$1751 for furnishing city one 2½-ton truck and two delivery trucks at \$2500 each.

WHITTIER, Cal.—Crane Co., 319 E. 3rd street, Los Angeles, submitted only bid to city trustees, for fur, pipe and fittings as follows: 1200 ft. 3-in. Matheson 90-ent pipe, at \$23.38 per 100 ft., \$500 ft. 4-in. at \$37.17 per 100 ft., 600 ft. 6-in. pipe at \$61.19 and fittings at \$8.25 per cwt.

OAKLAND, Cal.—Until August 3, 12 M., bids will be received by E. K. Sturgis, city clerk, for furnishing and delivering three 1-ton motor trucks for use of Street Department.

R & E PORTLAND, Ore.—Until August 7, 10 A. M., bids will be received by Multnomah County Commissioners, Chas. H. Rudeen, chairman, for fur, and del. 1400-ft. 1½-in. dia. 6x12 galv. steel wire rope; bidder to specify time of delivery.

OAKLAND, Cal.—Until August 3, 12 M., bids will be rec. by E. K. Sturgis, city clerk, for furnishing small air compressor. Delivery 30 days. Bond of \$100 req. of successful bidder.

OAKLAND, Cal.—Until August 3, 4 P. M., bids will be received by Jay E. Nash, secretary, Playground Commission, 404 City Hall, for furnishing and delivering sand for remainder of fiscal year ending June 30, 1923.

OAKLAND, Cal.—Until August 3, 4 P. M., bids will be received by Jay E. Nash, secretary, Playground Commission, 404 City Hall, for furnishing and delivering hose for remainder of fiscal year ending June 30, 1923.

FIRE EQUIPMENT

MODESTO, Stanislaus Co., Cal.—Fire Chief Geo. E. Wallace recommends to council purchase of two pieces of fire apparatus, \$18,000; fire hose, \$3,000; alarm system, \$1,000; extra equipment, \$2,000 and the erection of two fire stations, \$16,000.

RAILROADS

CALIFORNIA—San Francisco-Sacramento R. R. Hobart Bldg., San Francisco, applies to State R.R. Commission for permit to issue \$200,000 first mortgage 6½ per cent bonds, the proceeds to be used for extensions and division. Harold E. Willis, Sacramento agent of the railroad, assumes a large part of the proceeds would be used for the development and balancing of the roadbed in Yuba and Siskiyou counties. Such development work has been contemplated by the company for some time and some actual work has been going on.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

SACRAMENTO, Cal.—Until August 24, 9 P. M., bids will be received by H. G. Denton, city clerk, to construct the rapid sand filtration plant and appurtenances, being the filtration plant portion of the pumping and filtration works of the City of Sacramento, comprising the construction, complete, of sedimentation and coagulation basins having an aggregate capacity of approximately 10,500,000 gals.; eight rapid sand filters of concrete, having a nominal capacity of 32,000,000 gals. a day, a superstructure over the operating gallery of the filters, a head-house for administration purposes in which there is also a 200,000 gal. elevated steel water tank for filter washing purposes; a concrete pump having a capacity of approximately 200,000 gals., a coagulant building and outside piping, excavation and embankment and roadways and paths. Following are approximate quantities of materials involved in the work: 14,500 cu. yds. concrete; 477 concrete piles; 870 tons of reinforcing material; 17,500 cu. yds. excavation; 6000 cu. yds. of rolled fill; 300,000 cu. yds. of general fill or embankment. In addition to the above features a considerable amount of building construction and mechanical equipment, including cast iron pipe and fittings, gate valves, sluice gates, hydraulic and electrical controlling devices, gauges, conveyors, pulverizers, etc., are involved. Certified check for 6 per cent, payable to City Controller, required with each bid. Plans may be seen at office of city clerk or at office of Filtration Division, or may be had from latter office for \$25, and return of estimated cost of work, \$900,000. George J. Calder is resident engineer for the project.

CALIFORNIA—Following bids received July 24 by State Highway Commissioner to construct 9.9 miles of highway in Mendocino county, between Hopland and El Robles; 9.9 miles to be graded and 2.5 miles to be graveled, involving 62,000 cu. yds. excavation with cut, classification, 350 cu. yds. gravel surface, 80 cu. yds. Class "A" Portland cement concrete (culverts and monuments), 480 lin. ft. 12-in., 32 lin. ft. 15-in., 194 lin. ft. 18-in., 104 lin. ft. 24-in. corrugated metal pipe, 12 mile moving and resetting property fence, 51 monuments. Murdock Bros., Oakland and Ukiah; \$62,283.75. Fredrickson & Shannon, Fresno; \$63,444.90. Bates & Borland, Oakland; \$67,811. Martin J. Lyons, San Francisco; \$69,381.50. Conrad Hansen, Santa Rosa; \$73,733. Grant Smith & Co., San Francisco; \$79,818. Engineer's estimate, \$66,325.50.

CALIFORNIA—Following are approximate quantities for State highway projects, bids for which will be opened by State Highway Commission on August 7:

Los Angeles County: Between Quail Lake and North Boundary, 10.4 miles 3.4 miles to be paved with Portland cement concrete; 6.8 miles to be paved with Portland cement concrete, shoulders and an asphalt wearing surface, and 0.2 miles to be widened with a

Portland cement concrete shoulder, 10,600 sq. yds. Class "A" Portland cement concrete (pavement, shoulders and repairs to existing base), 155 cu. yds. removal of broken concrete in existing base; 11,700 tons asphalt concrete surface.

Ilwaco County: through flanking, 2.9 miles to be graded and paved with Portland cement concrete; 9700 cu. yds. excavation without classification; 2710 cu. yds. Class "A" Portland cement concrete (pavement); 25 cu. yds. Class "A" Portland cement concrete culverts and monuments; 21 monuments.

LOS ANGELES, Cal.—Fairchild-Gilmore-Wilton Co., L. A. Highway Bldg., Los Angeles, awarded a contract by the Board of Public Works at \$34,637.74 to pave Manchester Ave., bet. Vermont and Western Aves., involving 65,043 sq. ft. grading at 4c ft. 65,043 sq. ft. concrete paving at 23c ft. 23,296 sq. ft. rough grading to grade at 9c ft. 2593 ft. curb at 60c ft. 13,151 sq. ft. walk at 19c ft. reinforced concrete curb at 9c ft. 255, sanitary sewer complete, at \$10,995.

Fairchild-Gilmore-Wilton Co., awarded contract at \$18,867.71 to pave Ninth St., bet. Long and Santa Fe Aves., involving 60,741 sq. ft. grading at 4c ft. 22,346 sq. ft. asphalt paving at 27c ft. 38,295 sq. ft. concrete paving at 3c ft. 19,181 sq. ft. grading only at 3c ft. 172 lin. ft. concrete gutter at 12c ft. sanitary sewer complete, \$1200.

SAN RAFAEL, Marin Co., Cal.—S. P. Brownlee, San Rafael, at \$42,250, awarded a contract by City Council to pave with Warrenite, coarse aggregate, various streets.

OXNARD, Cal.—Until 7:30 P. M., August 1, bids will be received by the City Trustees to improve Fifth St., bet. E and F Sts., portions of Enterprise St., B St., A St., by grading and paving with 5-in. concrete surface, base with 4-in. cement concrete base and 1½-in. asphalt conc. surface, part with 4-in. bit. base and asphalt conc. surface, constructing cement curbs, gutters, walks, and sidewalks of iron and concrete culverts; 1911 Act. Samuel G. Bennett, City Engineer.

BREA, Cal.—Following bids were received by the City Trustees to pave streets: Geo. H. Oswald, Los Angeles, \$126,235; Southwest Paving Co., Los Angeles, \$128,563; Geo. B. Curtis, Los Angeles, \$135,487; S. C. Pine, Santa Ana, \$135,950; L. A. Paving Co., Los Angeles, \$144,127; Braun, Bryant & Austin, Santa Monica, \$148,018; Fairchild-Gilmore-Wilton Co., Los Angeles, \$149,274. Bids taken under administration by G. A. Schwabland, special engineer in charge of the work. Contract involves 78,800 sq. ft. 4-in. asphalt paving at 25c sq. ft. 225,000 sq. ft. asphalt resurfacing; 212,000 sq. ft. 6-in. asphalt concrete paving; 1,044,000 sq. ft. grading and oiling.

SAN PABLO, Contra Costa Co., Cal.—Directors of San Pablo Sanitary Dist., declare intention to construct 6-in. vitrified sewers in Gertrude Ave., bet. Cherry and York Sts.; Alhambra, 3rd, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd, 33rd, 34th, 35th, 36th, 37th, 38th, 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, 50th, 51st, 52nd, 53rd, 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st, 62nd, 63rd, 64th, 65th, 66th, 67th, 68th, 69th, 70th, 71st, 72nd, 73rd, 74th, 75th, 76th, 77th, 78th, 79th, 80th, 81st, 82nd, 83rd, 84th, 85th, 86th, 87th, 88th, 89th, 90th, 91st, 92nd, 93rd, 94th, 95th, 96th, 97th, 98th, 99th, 100th, 101st, 102nd, 103rd, 104th, 105th, 106th, 107th, 108th, 109th, 110th, 111th, 112th, 113th, 114th, 115th, 116th, 117th, 118th, 119th, 120th, 121st, 122nd, 123rd, 124th, 125th, 126th, 127th, 128th, 129th, 130th, 131st, 132nd, 133rd, 134th, 135th, 136th, 137th, 138th, 139th, 140th, 141st, 142nd, 143rd, 144th, 145th, 146th, 147th, 148th, 149th, 150th, 151st, 152nd, 153rd, 154th, 155th, 156th, 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NAPA, Napa Co., Cal.—Until August 5, 10 a. m., bids will be received by James A. Daley, county clerk, for 2000 yards of crushed rock, delivered and spread on following roads: 500 cu. yds. in Center Ave.; 500 cu. yds. in Orchard Ave.; 500 cu. yds. in Salvador Ave., and 500 cu. yds. on Yountville cross roads. O. H. Buckman, county surveyor.

MARYSVILLE, Yuba Co., Cal.—Until August 9, 10 a. m., bids will be received by W. M. Strief, county clerk, to construct 6 miles of road, including the construction of 40 iron culverts with concrete wingwalls; 4 reinforced concrete bridges and 1 reinforced concrete culvert. Leslie E. Crook, county surveyor. See call for bids under official proposal section in this issue.

FRESNO, Fresno Co., Cal.—County Supervisors declare intention to pave Ventura Ave. from city limits to Fair Grounds, 20 ft. and 30 ft. wide. Est. cost, \$32,714. Chris P. Jensen, city bldg. Fresno, county surveyor.

SAN DIEGO, Cal.—H. G. Fenton, P. O. Box 907, San Diego, submitted low bid to Bureau of Yards and Docks, Navy Dept., Washington, D. C., at 75c cu. yd. for grading and excavating at San Diego Naval Base.

YUBA CITY, Sutter Co., Cal.—City Trustees plan paving of E. St. from McRae alley to Plumas St., 1119 ft., with cem. conc. Edw. von Geldern, city eng.

NEVADA CITY, Nevada Co., Cal.—Nevada Chamber of Commerce urges bond sale for \$50,000 to pave streets to connect with main highways.

YUBA CITY, Sutter Co., Cal.—M. C. Hibbard, 2506 Q St., Sacramento, at \$13,975 awarded contr. by City Trustees to lay 12-in. bet. Plumas and pt. 620.7 ft. southwest, involy. \$7,700 sq. ft. conc. pavement, \$0.126; grading, \$0.04; 3249 lin. ft. conc. curb, \$0.45.

OLYMPIA, Wash.—Until September 5, bids will be received by State Highway Commission to grade and gravel 20 miles of highway from Yakima to Ellensburg; estimated cost, \$700,000.

NAPA, Napa Co., Cal.—Until August 5, 10 a. m., will be received by James A. Daley, county clerk, to grade and gravel portions of Chiles Valley road. O. H. Buckman, county surveyor.

BERKLEY, Alameda Co., Cal.—City Council planning construction of storm sewer in Woolsey street; estimated cost, \$60,000, and the widening of Grove street between Hearst avenue and Hopkins street. C. L. Huggins, city engineer.

SONORA, Tulumene Co., Cal.—Chamber of Commerce urges supervisors to pave with asphalt concrete the county road between Sonora and Tulumene, starting at Sullivan's creek; estimated cost, \$15,000.

TUBLOCK, Stanislaus Co., Cal.—City Trustees, A. F. Ferguson, clerk, declare intention to improve portion of Lander avenue, beg. at NE cor. Block 121, thence east to Lander ave., thence north 60-ft. thence west to SE cor. Block 129, thence south to pt. of beginning by const. corr. iron culvert, paving with 1½-in. Warrentite-Bit. surface; High street, bet. pavement in Lander avenue, to Laurel street, by grading, paving with 3-in. asphalt conc. base with 1½-in. Warrentite-Bit. surface, conc. curbs, gutters; corr. iron culverts; storm water catchbasins and outlet pipes; High street, bet. Laurel and Blocks 117 and 124 by grading and paving 20-ft. wide with 3-in. asphalt conc. base with 1½-in. Warrentite-Bit. surface; High street, bet. Blocks 417 and 421 and West avenue, by grading, 40-ft. wide, paving, 20-ft. wide with 3-in. asphalt conc. base with 1½-in. Warrentite-Bit. surface; cement pipe siphon 1911 Act and Bond Act 1915. Protests August 8. Harace Hall, city engineer.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares intention to improve 10th St. between Santa Clara and Julian Aves. by reggrading, paving with 3-in. asphalt concrete base with 1½-in. asphalt concrete surface; 3 brick catchbasins; 8-in. vit. pipe manhole connections.

Intention declared to improve Palm St. between Grant and Willow, by grading, paving with 3-in. Bitulithic cement bituminous concrete base with 1½-in. Warrentite bituminous surface; concrete curbs, gutters and walks; 14 brick catchbasins; 8-in. vit. pipe drains.

Intention declared to improve 11th St. between Reed and Virginia, by grading, paving with 3-in. Bitulithic cement bituminous concrete base with 1½-in. Warrentite bituminous surface; concrete curbs, gutters and walks; 1 brick catchbasin; 8-in. vit. pipe drains. Wm. Popp, city engineer.

FRESNO, Fresno Co., Cal.—County Surveyor Chris P. Jensen, Cory Bldg., preparing specification for Shaw Ave. and of county highway system. One-half of the highway which is to be built from Madera Avenue to the State highway will be constructed from funds which are now left in the highway bond issue of 1919 and the balance will be completed from funds provided for in a special highway budget to be adopted by the supervisors at an early date.

LOS ANGELES, Cal.—Until 10 A. M., August 7, bids will be received by board of public works to improve the following streets, under Vrooman Act: 37th Pl. between Western Ave. and St. Andrews Pl. involving 416 sq. ft. concrete paving, 22,092 sq. ft. and oiling, 1721 ft. curb, 3257 sq. ft. walk, 3470 sq. ft. gutter.

Sunrise St. between Euclid Ave. and Sunrise Tr. involving 8790 sq. ft. grading and oiling, 586 ft. curb, 2930 sq. ft. walk, 1172 s. ft. gutter, 25 ft. hse. sewers.

Richland Ave. between Cromwell St. and Tr. 2193, involving 9687 sq. ft. grading and oiling, 881 ft. curb, 4403 sq. ft. walk, 1761 sq. ft. gutter.

LOS ANGELES, Cal.—Until 10 A. M., August 14, bids will be received by board of public works to improve the following streets under 1911 Act: St. Andrews Pl. between Wilshire Blvd. and 11th St. involving 112,402 sq. ft. asphalt paving, 32,800 sq. ft. concrete paving, 353 sq. curb, 180 sq. ft. walk, 3264 sq. ft. gutter, 650 ft. hse. sewers.

Hollywood Dr. between north city limits and 309.19 ft. west, involving 7431 sq. ft. grading and oiling, 619 ft. curb, 2878 sq. ft. walk, 1238 sq. ft. concrete gutter.

MARTINEZ, Contra Costa Co., Cal.—City Trustees, C. E. Daley, clerk, declare intention to improve Escobar St. from east line Homestead Tract to east line D. L. M. addition by grading, paving with asphalt concrete base with

Warrentite-Bit. surface; concrete curbs and gutters, brick and cement catchbasins, 6 and 8-in. vit. sewers; brick and cement manholes, etc. 1911 Act and Bond Act 1915. Protests August 7. B. H. Green, city engineer.

CALIFORNIA—Until August 21, 2 P. M., bids will be received by State Highway Commission, Forum Bldg., Sacramento, to construct 9.2 mile of highway in Amador County, between western boundary and Central House; 9.3 miles to be graded and 7.6 miles to be surfaced with gravel. Austin B. Fletcher, State highway engineer. See call for bids under official proposal section in this issue.

SANTA ROSA, Sonoma Co., Cal.—Until August 16, 12 M., bids will be received by W. W. Felt, Jr., county clerk, to construct two Rock-Tomake road, 1.71 miles, involving 3500 cu. yds. excavation; 1340 cu. yds. rock; 16,070 sq. yds. asphaltic surfacing and 150 lin. ft. c. i. culvert pipe; estimated cost, \$8374.

Separate bids, same date, to be opened 1:30 P. M., to construct Dry Creek road, 1.5 miles, involving 4000 cu. yds. excavation; 1340 cu. yds. crushed rock, 15,580 sq. yds. asphaltic surfacing; 100 lin. ft. c. i. culvert pipe; estimated cost, \$3837. R. Press Smith, county engineer.

SAN FRANCISCO—Fay Imp. Co., Phelan Bldg., at \$71,720.53, awarded contract by board of public works to improve Taraval St. between 37th and 48th Aves.; State Imp. Co., at \$7488, awarded contract to improve 34th Ave. between Lincoln Way and Irving, and Peter McHugh at \$3371 to improve Saturn St. between Ord and Lower Terrace. J. J. Tolman, at \$2260, awarded contract to sewer Hollister Ave. between Hawes and Griffith.

SANTA BARBARA, Santa Barbara Co., Cal.—County Surveyor Owen H. O'Neill is preparing specifications to pave Patterson Ave. in Goleta from property of Joseph F. Sexton to the S. P. tracks. Supervisors reject bid of Fairchild-Gilmore-Wilton Co. to pave Lempe-Harris Rd. and will do the work by day's labor.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention to improve Leachon street from Lakeshore Ave. southeasterly, by grading, paving with oil macadam, concrete curbs, gutters and walks. 1911 Act. Protests August 10. W. W. Harmon, city engineer.

SANTA ROSA, Sonoma Co., Cal.—County Surveyor R. Press Smith instructed to prepare specifications for road (Dillon's Beach road) from end of D street, at Petaluma city limits to Marin County line, approximately three miles long.

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560 MISSION STREET

SAN FRANCISCO, CAL.

RICHMOND, Contra Costa Co., Cal.—S. C. Rogers, at \$24,175, submits low bid to city council to improve subway. L. Page, only other bidder, at \$25,163. Estimate of City Engineer H. D. Chapman, \$24,000. Bids taken under advisement.

LOS ANGELES, Cal.—Leo Miltich, 610 W. 54 th St., submitted low bid to board of public works, at \$55,000, to construct sewer in 82nd St. between 13th and San Pedro Sts. and Main St., involving 2145 ft. 12-in. pipe, 30 12x6-in. wyres, 1155 ft. 10-in., 35 10x6-in. wyres, 18,225 ft. 8-in., 1076 8x6-in. wyres, 29,288 ft. 6-in., 1016 6-in. wyres, 2 manholes. Other bids were: Martin G. Brkich, \$56,900; Nick Bebek, \$57,700; John Vullivich, \$63,322; Joe Chutuk, \$64,116; Claude Fisher, \$64,565; Adam D. Matin and Mike Gub, \$65,700; P. C. Tomich, \$68,000; Nick Chutuk, \$69,973; S. Zarubica, \$75,000.

REDWOOD CITY, San Mateo Co., Cal.—Until August 14, bids will be received by Edith M. Nash, county clerk, to repair main county road between Halfmoon Bay and Tunitas creek, to be paid from general fund. George A. Kneese, county surveyor.

MONTREY, Monterey Co., Cal.—Until August 1, 7 P. M., bids will be received by A. J. Mason, city clerk, to construct 6-in. sewer in portions of Pacific, Dutra, Van Buren Sts., etc., including the grading, excavation, laying of lateral sewers, inspection holes, manholes, wye branches, etc. 1911 Act. Certified check 10 per cent, payable to city required. H. D. Severance, city engineer.

SANTA BARBARA, Santa Barbara Co., Cal.—R. M. Davis awarded contract by supervisors at \$257,20 to construct Veronica Springs road, between Mesa Cliff and Modoc road. Other bids: W. Pendola, \$10,999; Sam J. Hunter, \$14,709.70.

SAN LUIS OBISPO, Cal.—Until August 8, 10 A. M., bids will be received by county supervisors to improve Arroyo Grande-Huana road, between Sta. 210 plus 00 and 403 plus 00, involving the hauling of 4200 cu. yds. surfacing material, rock or gravel. Warren B. Burdick, county surveyor, Lowe Bldg., San Luis Obispo.

REDONDO BEACH, Cal.—Until 8 P. M., August 7, bids will be received by city trustees to construct storm sewer in 3rd, Third St. and the Strand, extending into the Pacific Ocean. In addition to bids on the 36-in. pipe alternate bids must be submitted, using Armaco corrugated iron culvert. 1887 Ordinance. Board of certified checks, 10 per cent. Victor H. Stahell, city engineer.

FRESNO, Fresno Co., Cal.—City Council, R. Y. St. George, clerk, declares intent to improve Harris Ave. between Belmont and Olive, by grading, concrete gutters; re-surface with cement concrete curbs; construct corrugated metal culverts with culv. manholes; paving with 2 1/2-in. asphalt curb and gutter, with 1 1/2-in. Warrenite-Bit surface. 1911 Act. Protests August 10. Wm. Stranahan, city engineer.

LOS ANGELES, Cal.—Cement Constr. Co., 514 Chamber of Commerce Bldg., submitted lowest bid to board of public works to improve Meridian St. between Neva Pl. and Ave. 57, involving 372 sq. ft. concrete paving, including grading at 2 1/2 in. 61,910 sq. ft. rough grading at 1 1/2 in. 61,910 sq. ft. oiling and rolling at 7c ft.; 3202 ft. curb at 70c ft.; 16,749 sq. ft. walk at 22c ft.; 7925 sq. ft. concrete gutter at 28c ft.; 14 house connection sewers at 95c ft.

SAN LEANDRO, Alameda Co., Cal.—Contractor's Road Oiling Co., at \$430 a barrel, submits low bid to city trustees to clean and spread oil on streets. Heafy, Moore & McNair, only other bidder, \$435 barrel. Taken under advisement.

SAN LEANDRO, Alameda Co., Cal.—J. L. Costello, 1083 Shotwell St., San Francisco, at \$225 cu. yd., awarded contract by city trustees to furnish crushed rock and screenings to city,

NAPA, Napa Co., Cal.—R. E. Errington, Napa, at \$13,668.20, awarded contract by council to improve Yajome St. between Calmus and Lincoln Aves., involving 2233 cu. yds. grading, 31; 1817 ft. concrete curb, 60c; 204 ft. wood curb, 30c; 103,425 sq. ft. 2-course asphalt macadam pavement, 8c; 5 concrete catchbasins, \$30. H. A. Harold, city engineer.

FRESNO, Fresno Co., Cal.—Thompson Bros., 1514 H St., Fresno, at \$35,337, awarded contract by council to improve Echo Ave. between Olive and Pine Sts., involving 63,576 sq. ft. grading, 54,170 sq. ft. asphalt pavement, 3228 lin. ft. curbs, 16,594 sq. ft. walk, 306 lin. ft. 12-in. corrugated culverts, 8 manholes, 6106 sq. ft. concrete gutter, 300 ft. 4-in. vit. clay pipe.

Thompson Bros., at \$21,033, awarded contract to improve Peralta Way between Lucerne Lane and Van Ness Ave., and Morea Ave. between University Ave. and 150 ft. south of Peralta Way, involving 70,645 sq. ft. grading, 61,420 sq. ft. asphalt pavement, 14,435 sq. ft. concrete gutter, 1750 lin. ft. concrete curb, 2703 sq. ft. concrete walk, 117 ft. 12-in. culvert, 2 manholes.

REDONDO BEACH, Cal.—Until 8 P. M., August 7, bids will be received by city trustees to improve Carnelian St. between Camino Real and N. Helberta Ave., by grading paving with oil and screenings, cement curbs, 5-in. concrete gutter, 5-ft. walks; Vrooman Act. Victor H. Stahell, city engineer.

MARYSVILLE, Yuba Co., Cal.—Warren Construction Co., 2779 Poplar St., Oakland, awarded contract by council to pave street intersections in district 11. Bid: 5-in. pavement, 213c; 18-in., 18; grading, .013; concrete curb, .50; drain, .1; catchbasins, \$60. W. Meek, city engineer.

FRESNO, Fresno Co., Cal.—Until August 3, 3:30 P. M., bids will be received by R. Y. St. George, city clerk, to construct cement concrete walks in E St. between Calaveras and San Joaquin Sts. 1911 Act. Wm. Stranahan, city engineer.

BELVIDERE, Marin Co., Cal.—Bids are being received by town trustees to improve various streets, involving 1633 cu. yds. grading, excavation, 3422 cu. yds. fill; 958 cu. yds. gravel surfacing; 1240 lin. ft. wood bulkhead; 120 lin. ft. 15-in. culvert; 102,861 sq. ft. asphaltic surfacing; 140 cu. yds. sea wall; 60 cu. yds. excavating; 29 cu. yds. back fill; 48 cu. yds. retaining wall; 2100 cu. yds. walks; 4 rims and covers for survey monuments. Plans may be had from office of county surveyor at San Rafael or from Mr. Thomas Builders' Exchange, 180 Jessie St., San Francisco. J. C. Oglesby, Chedda Block, San Rafael, town engineer.

SAN FRANCISCO—Martin J. Lyons, at \$7900, submits low bid to board of public works for grading roadway for relocation of Hetch Hetchy Railway at Six-Bit Bulch, under Contract 88. Other bids: General Const. Co., \$9895; Utah Const. Co., \$11,311; Schultz Const. Co., \$10,681; Frank Bryant, \$8070; C. Miles, \$10,181.

SAN FRANCISCO—City Engineer M. M. Snaughnessy, completes specifications to improve Cypress Ave. between 24th and 25th Sts., involving 7800 sq. ft. concrete pavement with wheel guards.

STOCKTON, San Joaquin Co., Cal.—Until August 8, 3 P. M., bids will be received by Ansel S. Williams, secretary, Board of Education, to improve North St. between Madison and Harrison, and on school property. W. B. Hogan, city engineer.

LOS ANGELES, Cal.—L. A. Paving Co., 2900 Santa Fe Ave., submitted only bid to board of public works to improve Crenshaw Blvd. between Wilshire Blvd. and Eighth St., involving 36,592 sq. ft. grading to finish subgrade at 6c ft., 36,592 sq. ft. concrete paving with paint binder and 1 1/2-in. Warren-

ite-bitul. paving, at 26c, ft.; 237 ft. curb at 75c ft.; 1926 sq. ft. gutter at 29c ft.; 385 ft. house sewers at \$350 ft. B. L. Bourcus, 173 W. 43rd St., submitted low bid to pave Armon Ave. between Cassatt St. and 478.75 ft. s. w., involving rough grading at 36c sq. ft., finish grading, oiling and rolling at 7c ft., cement curb and gutter, 1000 ft. cement walk at 21c ft., concrete gutter at 34c ft.

PETALUMA, Sonoma Co., Cal.—Until August 7, 7:30 P. M., bids will be received by Lyman Green, city clerk, to improve Edith St. between Washington and Madison by grading; concrete curbs and gutter; macadamized with rock and oil.

Separate bids, same date, to improve Madison St. between Vallejo and Edith by grading; concrete curbs and gutters; macadamized with rock and oil; construct corrugated concrete culverts. N. S. Frost, city engineer.

LOS ANGELES, Cal.—County Road Commissioner George E. Jones, instructed to prepare specifications for improvement work in R. I. D. No. 232 Flora St. and in R. I. D. No. 234 Beck Ave. and Orchard Dr.

GROVELAND, Tuolumne Co., Cal.—Dennis & Wilson, sub-contractors, who have been driving the Hetch Hetchy aqueduct tunnel at Priest's Portal and Big Creek shaft, have been released from the contract and the work will be completed by the Construction Co. of North America, Mills Bldg., San Francisco, the original contractors.

CORONADO, Cal.—Until 3:30 P. M., August 7, bids will be received by trustees for two carloads asphaltic oil, not less than 90 per cent asphalt, f. o. b. cars material yard, at Coronado. W. Tilden Clark, city clerk.

CARSON CITY, Nevada—Geo. W. Borden, State Highway Engineer, announces plans and specifications are being completed and bids will be asked shortly for the following projects:

Washoe county: Reno to Lawtons, 4 miles; grading and graveling; Lyon county: through city of Yerington, 1.43 miles 15-ft. concrete; Churchill county: Grimes Ranch, to Salt Wells, 5.40 miles, 15-ft. gravel; Washoe-Lyon counties: Wadsworth to Hazen, 15.65 miles, 15-ft. gravel; Washoe county: through city of Sparks, 1.55 miles, 18-ft wide, concrete or asphalt; Humboldt county: through city of Fallon, 1.24 miles, 18-ft wide, concrete; Humboldt county: south county line to Winnemucca, 13.20 miles, 15-ft. gravel.

Plans have been completed for the following projects: Project No. 15: West county line to Vivian in Elko county, 8.34 miles grading; Project 22: west county line to White House, Eureka county, 6 miles grading and gravel surface; Project 3: Eureka county: Hayranch, Eureka county, 12.2 miles grad. and grav. surf.; Proj. 5: 3 miles north of Carters to Holbrook, Douglas county 4 miles grading and 25 per cent surfacing; Project 16: 2.5 miles to Canyon to 3.6 miles SE. Rose Well, Nye county, 18.85 miles grading; Project 26: Reno to Lawtons, Washoe county, 4 miles grading and gravel surface; Project 16: through city of Carson to Mountain, Lander county, 8.5 miles widening grade and gravel surface; Project 16: through city of Yerington, Lyon county, 1.5 miles 18-ft. concrete surface; Project 16: through city of Elko county, 3 miles grading; City of Elko unit, Elko county, 7.9 miles gravel surface; Grimes - Salt Wells unit, Churchill county, 5.4 miles grading and graveling; City of Carson unit, Ormsby county, 0.5 miles 18-ft. concrete surface; Apex Summit to 2 miles NE. of Apex Summit unit, Clark county, 2 miles 18-ft gravel surface.

INGLEWOOD, Cal.—Braun, Bryant & Austin, 1650 4th street, Santa Monica, submitted low bid to city trustees, at \$17,841.53 for paving Centinela ave., bet. Damask avenue and city limits with 6-in. concrete. Other bids: Schmidt & Corolla, 2205 Whittier Blvd., Los Angeles, submitted low bid at \$6,350 for grading Lline street, bet. Greeline and Fir avenues, and const. walks.

REDWOOD CITY, San Mateo Co., Cal.—Until August 31 bids will be received by Eliz. M. Nash, county clerk, to construct sewage disposal system at San Mateo County Community Hospital, now under construction at Beresford. Plans were prepared by Architect W. H. L. Toepke, 742 Market St., San Francisco, with C. S. Gillespie, acting as consulting engineer. Specifications may be had from clerk at Redwood City.

GLENDALE, Cal.—Until 7 p. m., Aug. 3, bids will be rec. by City Clerk Wm. Wile to imp. Wilson and California sts., bet. Grand Blvd. and Central avenue, involving about 1,500 lin. ft. grading, 63,528 sq. ft. 5-in. asph. concr. paving, and laying 780 ft. 6-in. and 90 ft. 4-in. B. C. L. water pipe (pipe furnished by city).

Until 7 p. m., August 10, bids will be rec. to imp. portions of W. Broadway, Concord street and San Fernando Rd., involving 2,173 lin. ft. grading, 20,673 sq. ft. c. m. walks, 1,232 lin. ft. c. m. curb, 872 sq. ft. c. m. gutter, 34,700 sq. ft. 15-in. oilced macadam, and laying 2,296 ft. 8-in. and 86 ft. 6-in. B. C. L. water pipe (pipe furnished by city).

BERKELEY, Alameda Co., Cal.—Until August 8, 10 a. m., bids will be rec. by E. M. Hann, city clerk, to improve Grove street, bet. Berkeley Way and Hopkins, etc., by const. comb. concr. curbs and gutters, re-grading; paving with 2-in. asph. conc. surface on 6-in. hyd. conc. base; conc. catchbasins, br. manholes, etc. 1911 Act. C. L. Huggins, city engineer.

LEDWOOD CITY, San Mateo Co., Cal. City Trustees, W. A. Price, clerk, declare intention (D-8) to construct 6 and 8-in. vit. salt glazed tile sewers in portions of Hayes, 10th and 11th Sts. and Fulton streets, Jefferson and Madison avenues, etc., incl. construction of manholes; 4-in. laterals, etc. 1911 Act. Protests August 14. C. L. Dmnnitt, city engineer.

SAN FRANCISCO—Board of Supervisors will shortly adopt resolution authorizing Public Works Dept., to call bids to construct S. E. of Beach Esplanade. M. M. O'Shaughnessy, city engineer.

SAN PABLO, Contra Costa Co., Cal.—Dwyer and Mero, 2234 Macdonald ave., Richmond, at \$2,304 awarded contract by San Pablo Sanitary District, to construct 6-in. vit. sewers in Chestley ave., bet. York St. and S. J. right of way; br. and concr. manholes. Other bids: L. L. Pace, \$2,411; Fred Meyers, \$2,956.

SAN JOSE, Santa Clara Co., Cal.—Until August 7, 5 p. m., bids will be received by J. J. Lynch, city clerk, to imp. 8th street, bet. Williams and Virginia, by regrading, paving with 3-in. asphalt conc. base with 4-in. asphalt concrete surface; conc. curbs, gutters; 1 br. catchbasins; 8-in. vit. pipe manhole connections. Bond Act 1915. Wm. Poppe, city engineer.

CRESCENT CITY, Del Norte Co., Cal.—Engineer C. C. Kennedy, Call Bldg., San Francisco, completing specifications for extensive paving program in this city.

FOLEBROOK, Cal.—Until 11 A. M., August 7, bids will be received by Navajo county highway commission to construct S. H. project 6, of Winslow Restoration Road, involving 62 cu. yds. "A" concrete, 225 cu. yds. coarse gravel base in dips, construction of class "B" dips W. J. Hookway, secretary of commission.

STOCKTON, San Joaquin Co., Cal.—Until August 1, 10:30 A. M., bids will be received by A. L. Banks, city clerk, to construct sanitary sewer in Sharp's Lane from South St. to a point 1514.30 ft. south W. B. Hogan, city engineer.

CLAVIS, Fresno Co., Cal.—Clark & Henry Const. Co., 38 South Sutter St., Stockton, at approximately \$100,000, awarded contract by city trustees to improve portions of 5th, 10th and 11th Sts., involving approximately 159,713

sq. ft. 3½-in. asphalt concrete base with ½-in. Warrenite-bit surface, \$5,229; 3,743 cu. yds. grading, \$1,377; 5456 lin. ft. concrete gutter, \$6,757; 7112 lin. ft. concrete curb, \$8,880; 202.5 lin. ft. 16-in. part cur. culvert, \$5,590; 179 lin. ft. 14-in. return culverts, \$12,200; 41-in. dia. \$3,100; 106 lin. ft. 12-in. dia. \$1,507; 16-in. return culverts, \$75; 12 culvert manholes, \$50; 45 lin. ft. 12-in. concrete siphon, \$3,400; 2170 lin. ft. 12-in. concrete storm drain, \$2,400; 2 siphon inlet boxes, \$20; 6 storm drain manholes, \$90. Andrew M. Jensen, city engineer.

VISALIA, Tulare Co., Cal.—Until August 14, 7:30 p. m., bids will be received by Ida Markham, city clerk, to improve portions of Northeast 2nd, Northwest 2nd, Northeast 3rd Aves., etc., involving 229,789 sq. ft. 4-in. asphalt concrete base with 1½-in. Warrenite surface; paving, 1486 cu. yds. grading-cut; 196 cu. yds. grading-in; 9673 lin. ft. curb; 3602.4 lin. ft. gutter; 152.2 lin. ft. corrugated iron culvert; 32 culvert manholes; 778 lin. ft. head-inlet boards; 2 catchbasins; 1000 lin. ft. 8-in. vit. tile sewer pipe; 5 br. manholes. L. H. Gadsby, city engineer.

FRESNO, Fresno Co., Cal.—City Engineer Wm. Stranahan completes specifications to improve Fairview Ave. between Belmont and Olive Aves., involving 107,610 sq. ft. grading, 98,204 sq. ft. salt paving, 9030 sq. ft. concrete curb, 257 lin. ft. 12-in. culvert, 196 lin. ft. 18-in. culvert, 12 manholes.

CHICO, Butte Co., Cal.—Election will be called by city trustees to vote bonds of \$15,000, of which \$275,000 will be used to purchase works of Chico Water Supply Co., and the balance to purchase if the city sees fit, the Steffen & White water systems, the extensions of mains to serve entire city.

MODESTO, Stanislaus Co., Cal.—Standard Paving Co., 9th and N. Sts., Modesto, awarded contract by council to improve Sycamore Ave., between Stoddard and Lateral 4 of M. L. B., involving 37,728.33 sq. ft. grading, 567,34,822.23 sq. ft. 2½-in. asphalt concrete base with 1½-in. Warrenite surface; paving, 176; 289.10 sq. ft. gutter, 200; 1924.84 lin. ft. curb, 700; 132.50 lin. ft. headers, 100; 6 No. 700 Marbleite Standard and foundations, \$67; 6 No. 104 G. E. globes, \$10; 6 No. 1104 G. E. acorns, \$4,72; 6 G. E. bands, \$5,11; 6 catropes, \$3,52; pull-couplings, \$1,60; 591.20 lin. ft. 1-in. conduit, \$1,420; 10 lin. ft. ¾-in. conduit, 150; 3333.60 sq. ft. 10 R. C. wire, 45c. Estimate of City Engineer George Freitas, \$12,937.

LONG BEACH, Cal.—Fairchild-Gilmore-Wilton Co., L. A. Ry. Bldg., Los Angeles, only bidder at \$62,701 to pave 300 ft. between Alamitos and Junipero Sts. The bid was 239,362.01 sq. ft. 2-in. asphalt on 5-in. base, 25c. ft.; 26,493 sq. ft. oil macadam at 25c. ft.; 26,413 sq. ft. curb, 50c. ft.; 325 sq. ft. walk, 20c. ft.; 100 sq. ft. gutter, 28c. ft.; 31 ft. 6-in. pipe house connection sewer, \$50; eleven corr. met. and concrete culverts, \$2200 complete.

CALIFORNIA—C. H. and A. W. Gorrell, Bacon Bldg., Oakland, at \$13,619 awarded contract by State Highway Commission to grade and pave with bit macadam 16.6 miles in Placer counties between Auburn and three-quarters miles north of Colfax. Engineer's estimate, \$110,129.

SANTA ANA, Cal.—Until 7:30 p. m., August 7, bids will be received by city clerk, J. A. V. S. P. 1911 Act. West First St., between 1st and 2nd Sts., and S. Baker St., involving 75,597.97 sq. ft. 5-in. concrete paving with best finish wearing surface, and 168 lin. ft. br. sewers. 1911 Act. Paul E. Todd, city engineer.

OAKLAND, Cal.—City Council, E. K. Sturks, clerk, declares intention to improve Harrison Ave. between 55th and 57th, by grading, constructing concrete curbs and concrete gutters; cement walks and paving with oil macadam. Intention declared to improve 39th portion of Porter St. adjacent to 24th Ave., by grading, constructing concrete curbs, gutters and walks; paving with

oil macadam; curragged iron and concrete culvert.

Intention declared to improve 72nd Ave. between 14th and Orval St., grading, const. concrete curbs, gutters and walks; paving with oil macadam.

CARSON CITY, Nev.—State Highway Engineer G. W. Borden preparing plans for following projects: Fallon to Grimes Ranch in Churchill county, 10 miles 15-ft. gravel surface; through City of Washoe in Churchill county, 124 miles 18-ft. concrete surface; Hazen to Wadsworth, in Lyons, Churchill and Washoe cos., 15.65 mi. grad. and gravel surface; S. Humboldt county line to Winnemucca, in Humboldt county, 14 miles 15-ft. gravel surface; City of Winnemucca, in Humboldt county, 2 miles 15-ft. gravel surface; City of Ely, in White Pine county, 2.10 miles 18 ft. asphalt surface; City of Sparks, in Washoe county, 1.58 miles 18-ft. concrete surface.

MODESTO, Stanislaus Co., Cal.—Fred-Ridgson & Shuman, (paving) Bldg., Fresno, at \$63,231, awarded contract by council to construct storm water sewers in District No. 1, involving replacing of 43,520.48 sq. ft. pavement; 15,307.87 sq. ft. 18-in. vit. pipe (paved in. ch); 2321 lin. ft. 8-in. vit. pipe for storm water inlets; 1363 lin. ft. 10-in. vit. pipe; 834 lin. ft. 12-in. vit. pipe; 1056.6 lin. ft. 18-in. rein. conc. pipe; 257.25 lin. ft. 16-in. dia. 1683.20 lin. ft. and 3913.40 lin. ft. 36-in. rein. conc. pipe; 33 brick manholes; 1 special manhole; 26 cement conc. storm water inlets; 6 existing inlets to be connected with sewer; 6 manholes to be removed and removal of 1921 lin. ft. existing 6-in. sewer. Other bids: Heafey, Moore & McNair, \$67,750; Merced Concrete Pipe Co., \$74,500; George Freitas, city engineer.

STOCKTON, San Joaquin Co., Cal.—City Council, A. L. Banks, clerk, declares intention to improve portions of Pershing Ave., Oranges, Arroyo, San Jose, Yosemite, Magnolia, Acacia, Poplar, Flora, Park, Oak Sts., by grading, constructing combination concrete curbs, gutters and walks; paving with 3-in. crushed rock pavement after full compression with a 2-in. asphalt concrete surface after compression; constructing concrete walks in portions of San Jose Park, Stockton, Fremont Sts.; constructing combination concrete curbs and curbs at certain street intersections; by grading, full width, portions of Oak St., between Pershing and Orange, and Orange between Oak and Fremont, 1911 Act. Bond Act 1915. Protests August 15. W. B. Hogan, city engineer.

LOS ANGELES, Cal.—Until 2 P. M., August 8, bids will be received by public service commission, 207 S. Broadway, for 34,000 sq. ft. Wilite pavement including grading and redwood headers. Spec. P-281-222. Jas. P. Vranan, secretary.

BUSINESS OPPORTUNITIES

The Domestic Trade Bureau of the San Francisco Chamber of Commerce, Merchants Exchange Building, has inquiry from an artistic metal works desiring contract with a firm in San Francisco to supply especially high-grade building hardware. Those making inquiry are makers of artistic wrought iron hardware.

An Eastern engineering company desires to submit proposition to metal weather strip agents in San Francisco to handle their product "Ceco Metal Weatherstrips."

A young engineer is wanted for Northern California or Bay Cities by Illinois manufacturer of a new gas stove heater, weighing 9 lbs., will not sweat walls; odorless; low-priced and endorsed by gas companies. Agent of factory in city now.

A manufacturer of steel sash and structural steel desires distributor in San Francisco and vicinity to handle steel sash.

An Eastern paint company desires sales agents to handle its high-grade paint on commission basis.

Engineers by business opportunities, communicate with Domestic Trade Bureau of Chamber of Commerce direct.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am't
2843	Peters	Owner	5500
2844	Hamilton	Hamilton	3500
2845	Smith	Matthies	9000
2846	Goldsam	Oyen	5000
2847	Campbell	Swenson	1450
2848	Konrad	Burgren	16500
2849	McLeran	Owner	30000
2850	O'Brien	Kiernan	25000
2851	Same	Same	16000
2852	S. F. Savings	Heyer	110000
2853	Romer	Jessiman	4500
2854	Fraser	Owner	7000
2855	Alberigi	Mattock	4450
2856	Same	Petersen	921
2857	Crowe	Marsden	8500
2858	Jann	Marsden	3700
2859	Erricsson	Kann	15000
2860	Haas	Pink	19000
2861	Wissman	Meyer	8850
2862	Same	Same	8881
2863	Haas	Pink	15750
2864	Finocchio	Sasso	1712
2865	Same	Macchetto	1250
2866	Same	Farroni	17000
2867	Same	Wedel	588
2868	Allred	Owner	30000
2869	Brown	Owner	3000
2870	Berger	Owner	3000
2871	Bell	Owner	45000
2872	Orcutt	Owner	45000
2873	Malone	Hansen	1000
2874	R C Archbishop	Brueck	3500
2875	Lados	Piasecki	8154
2876	Murphy	Sunset	7000
2877	Kamler	Owner	11000
2878	Clark	Owner	17850
2879	Weiss	Jensen	18500
2880	Hewitt	Owner	7000
2881	Buckley	Owner	1000
2882	Peters	Owner	5000
2883	Neisor	Owner	2500
2884	Gawthorne	Smith	13000
2885	Welcer	Peterson	10000
2886	Sheridan	Allen	9955
2887	Herlihy	Harder	11106
2888	Isoia	Cuneo	4000
2889	Atlas	Owner	9000
2890	Black	Royal	1500
2891	Kosler	Wesendunk	1650
2892	Jansson	Owner	7000
2893	Pacific	Owner	90,000
2894	Betabe	Kronnick	10,000
2895	Boeddecker	Swanson	3,800
2896	Federal	Herman	5,550
2897	Rodden	Broderick	7,600
2898	Ross	Blenfeld	2,200
2899	Gillon	Arras	3000
2900	O'Tool	Howard	1000
2901	New Era	Owner	8000
2902	Delehanty	Delaney	4500
2903	Lava	Bradshaw	7835
2904	Standard	Owner	1000
2905	Samuels	Owner	2750
2906	Day	Carlson	4800
2907	Crocker	Samuelson	2000
2908	Elgesser	Owner	4000
2909	Rabenowitz	Storheim	7000
2910	Reynolds	Moore	7000
2911	Ming	Martinelli	19550
2912	Leigh	Owner	4000
2913	Casey	Owner	8000
2914	Guglielmetti	Owner	2000
2915	Hegerty	Pinkerton	2500
2916	Morris	Morris	4000
2917	Allen	Allen	21000
2918	Same	Same	14000
2919	Tanner	Owner	2000
2920	Lapham	Owner	60000
2921	Maxon	Knabenshuh	4600
2922	S F News	Nelson	6630
2923	Collins	Nelson	36000

DWELLING
(2843) SE BALBOA AND TWELFTH Ave. Two-story and basement frame dwelling.
Owner—J. M. Peters, 1016 Balboa St., San Francisco.
Architect—None.
Day's work. \$5500

RESIDENCE
(2844) N FORTY-FIFTH AVE 156 W Anza. One-story and basement frame residence.
Owner—F. C. Hamilton, 65 Norwich St., San Francisco.
Architect—E. B. Hamilton, 65 Norwich St., San Francisco.
Contractor—F. C. and E. B. Hamilton, 65 Norwich St., S. F. \$3500

ALTERATIONS
(2845) NE JACKSON AND WEBSTER. Move and make general repairs and changes for apartments.
Owner—Smith-Hoag, Inc.
Architect—Lewis M Gardner, 942 Pine St., San Francisco.
Contractor—Matthies & Gale, 180 Jessie St., San Francisco. \$3000

FRAME FLATS
(2846) SW KANSAS AND TWENTY-fourth. Construct two frame flats over store.
Owner—M. Goldsam, Kansas and 24th Sts., San Francisco.
Architect—O. E. Evans, 2563 Mission St., San Francisco
Contractor—O. M. Oyen, 67 Carmel St., San Francisco. \$5000

REPAIRS
(2847) NO. 1825-27 McALLISTER ST Repair fire damage to flats.
Owner—T. J. Campbell, 1827 McAllister St., San Francisco.
Architect—None.
Contractor—Swenson & Franzen, 145 Natoma St., S. F. \$1450

FRAME FLATS
(2848) W FIFTH AVE 275 S Clement. Two-story and basement frame (4) flats.
Owner — H. Konrad, 209 Sanchez St., San Francisco.
Plans by Owner.
Contractor—L. G. Bergren, 209 Sanchez St., San Francisco. \$10,500

GARAGE
(2849) E BEALE 150 S Mission. Two-story reinforced concrete private garage.
Owner—Ralph McLeran, Hearst Bldg., San Francisco.
Plans by Owner.
Day's work. \$30,000

STORES
(2850) W GRANT AVE 62-6 S Pine One-story reinforced concrete stores.
Owner—R. J. O'Brien, Room 711, 114 Sutter St., San Francisco.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor — Kiernan & O'Brien, 189 Jessie St., S. F. \$25000

STORES
(2851) W GRANT AVE 107-6 S Pine One-story reinforced concrete stores.
Owner—R. J. O'Brien, Room 711, 114 Sutter St., San Francisco.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor — Kiernan & O'Brien, 189 Jessie St., S. F. \$16,000

ADDITION
(2852) SW SEVENTH AVE & CLERMONT 50-foot addition for bank and quarters; sale deposit vaults etc.
Owner—San Francisco Savings & Loan Society, 526 California St., S. F.
Architect—Herbert A. Schmidt, Charleston Bldg., San Francisco.
Contractor Chas. W. Heyer Jr., Mills Bldg., San Francisco. \$110,000

DWELLING
(2853) E SEVENTEENTH AVE 109.11 S Rivera. One story and basement frame dwelling.
Owner—Claudis Romer, 1625 Polk St., San Francisco.
Architect—None.
Contractor—J. W. Jessiman, 230 7th St., San Francisco. \$4500

DWELLING
(2854) E THIRD AVE 95 N Fulton. Two-story and basement frame dwelling.
Owner—Simon Fraser, % Architect, Architect—Earle E. Bertz, 168 Sutter St., San Francisco.
Day's work. \$7000

RESIDENCE
(2855) S FALLON PLACE 80-0% E Taylor E 64-6X 50. Carpentry for residence.
Owner—Abel Alberigi, 1345 Stockton St., San Francisco.
Architect—Houghton Sawyer, Hearst Bldg., San Francisco.
Contractor—Mattock & Peasey, 180 Jessie St., San Francisco.
Filed July 21, '22. Dated July 5, '22. On list of each month..... 75% Usual 35 days..... 25% TOTAL COST, \$4450

Bond, \$2225. Surety National Surety Co. Limit, 25 days. Forfeit, none. Plans and specifications filed.

(2856) EXCAVATION, GRADING AND concrete work on above.
Contractor—H. L. Petersen, Lick Bldg., San Francisco.
Filed July 21, '22. Dated July 5, '22. On completion..... 75% Usual 35 days..... Balance

Bond, \$462. Surety, New Amsterdam Casualty Co. Limit, 15 days. Forfeit, none. Plans and specifications filed.

BUILDING
(2857) E SEVENTEENTH AVE 75 N California 26-7x50. All work for two-story and garage frame bldg.
Owner—Geo. Crowe, 930 Steiner St., San Francisco.
Plans by Contractor.
Contractor—J. W. Marsden, 507 Cole St., San Francisco.
Filed July 21, '22. Dated May --, '22. Roof on \$2200 Rough coat on..... 2100 Completed and accepted..... 2100 Usual 35 days..... 2100 TOTAL COST, \$8500

Bond, none. Limit, 90 days after May 28, 1922. Forfeit, none. Plans and specifications filed

ALTERATIONS
(2858) NO. 619-621 CLAYTON. All work except plumbing for alterations to two-story frame building.
Owner—Mrs. C. Jann, 619 Clayton St., San Francisco.
Architect—None.
Contractor — J. W. Marsden, 507 Cole St., San Francisco.

Filed July 21, '22. Dated May 1, '22.
Roughed in & ready for plaster. \$1500
Completed 1400
Usual 35 days 710
TOTAL COST, \$3700
Bond, none. Limit, 60 days after June 1, 1922. Forfeit, plans and specifications, none.

COTTAGES

(2859) W TWENTY-ETH AVE 225 N Ortega N 100xW 120. All work for one-story cottages.
Owner—Carl A. Ericsson and Mrs. Jno. W. Aitken. 271 Dolores St. S. F.
Architect—Wm. J. Wilkinson, 1317 American Bank Bldg., S. F.
Contractor—Jos. Kann, 4000 Linwood Ave., Oakland.

Filed July 21, '22. Dated June 22, '22.
Frame up \$3000
Enclosed 3000
Plastering completed 3000
Completed and accepted 3000
Usual 35 days 3500
TOTAL COST, \$15,600
Bond, \$7800. Sureties, Corlaine E. Thomas and F. B. Noyes. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE

(2860) N VALLEJO 60 E Broderick N 107xSE 31-6. All work for two-story and basement frame residence.
Owner—Walter A. Haas, Phelan Bldg., San Francisco.
Architect—Chas. E. Gottschalk, Phelan Bldg., San Francisco.
Contractor—The Fink & Schindler Co., 226 13th St., San Francisco.
Filed July 21, '22. Dated June 29, '22.
On 1st and 15th of each month 75%
Usual 35 days 25%
TOTAL COST, \$19,000
Bond, none. Limit, 90 days. Forfeit none. Plans and specifications filed.

COTTAGES

(2861) E TWENTY-SEVENTH AVE 192 and 217 N Cabrillo. All work for two six-room cottages.
Owner—H. Wissman, 2251 Clement St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed July 21, '22. Dated July 18, '22.
Frame up \$2212.50
Brown coated 2212.50
Completed 2212.50
Usual 35 days 2212.50
TOTAL COST, \$8850.00
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGES

(2862) W TWENTY-SEVENTH AVE 365 and 390 N Cabrillo. All work for two six-room cottages.
Owner—H. Wissman, 2251 Clement St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed July 21, '22. Dated July 22, '22.
Frame up \$2220.25
Brown coated 2220.25
Completed 2220.25
Usual 35 days 2220.25
TOTAL COST, \$8881.00
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

ALTERATIONS

(2863) N MARKET 243-435 on Mason St on Market and 31 on Turk Wood work and show cases for fitting up 1st story and mezzanine story of building.
Owner—Geo. Haas & Sons, Phelan Bldg., San Francisco.
Architect—Chas. E. Gottschalk, Phelan Bldg., San Francisco.
Contractor—The Fink & Schindler Co., 226 13th St., San Francisco.

Filed July 21, '22. Dated July 18, '22.
On 1st and 15th of each month 75%
Usual 35 days 25%
TOTAL COST, \$15,750
Bond, none. Limit, Oct. 1, 1922. Forfeit, \$50. Plans and specifications filed.

PLUMBING

(2864) E FRANKLIN 40 S Francisco 28-9x124-3. Plumbing for two-story and basement frame bldg.
Owner—A. Finocchio, Rivoli Hotel Grant Ave., San Francisco.
Architect—Italo Zanolini, 504 Montgomery St., San Francisco.
Contractor—Frank Sasso, 553 Vallejo St., San Francisco.

Filed July 21, '22. Dated July 5, '22.
Piping and fixtures roughed in \$856
Accepted 428
Usual 35 days 428
TOTAL COST, \$1712
Bond, \$856. Surety, Fidelity & Deposit Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2865) PAINTING AND DECORATING

on above.
Contractor—S. Macchetto, 1151 Grant Ave., San Francisco.
Filed July 21, '22. Dated July 5, '22.
2nd coat on \$312.50
Completed and accepted 625.00
Usual 35 days 312.50
TOTAL COST, \$1250.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2866) EXCEPT PLUMBING, ELECTRIC

work, painting, finish hardware wall paper, lighting fixtures and shades on above.
Contractor—G. Farroni & Sons.
Filed July 21, '22. Dated July 5, '22.
Frame up and rustic completed \$425.00
Brown coated 425.00
Completed and accepted 425.00
Usual 35 days 425.00
TOTAL COST, \$17,000
Bond, \$8500. Surety, Fidelity & Deposit Co. Limit, 90 days. Forfeit none. Plans and specifications filed.

(2867) ELECTRIC WORK ON ABOVE

Contractor—Wedel Electric Co., 235 Montgomery St., San Francisco.
Filed July 21, '22. Dated July 5, '22.
Wiring completed \$291
Completed 147
Usual 35 days 147
TOTAL COST, \$588
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLINGS

(2868) W ASHTON AVE 50, 100, 150, 200, 250 and 300 N Holloway. Six one-story and basement frame dwellings.
Owner—C. S. Allred, 159 Liberty St., San Francisco.
Architect—None.
Day's work \$5000 each

DWELLING

(2869) S ARMY 75-6 W Alabama. One story and basement frame dwlg.
Owner—Ward C. Brown, 2945 Harrison St., San Francisco.
Architect—None.
Day's work \$3000

ALTERATIONS

(2870) NO. 856 MARKET Re-arrange show windows; plastering; re-arrange stairs; marble flooring.
Owner—Nat. and Sam Berger, Frem.
Architect—E. J. Joseph, 74 New Montgomery St., San Francisco.
Day's work \$3000

APARTMENTS

(2871) S PINE 100 W Powell. Two-story and basement frame (15) apartments.
Owner—T. F. Gell and Elizabeth Julius
Architect—E. H. Denke, 1317 Hyde St., San Francisco
Day's work \$45,000

APARTMENTS

(2872) S PINE 136 W Powell. Three-story frame (15) apartments
Owner—Alice Orcutt.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Day's work \$45,990

ALTERATIONS

(2873) NO. 104 POWELL. Construct basement stairway; button lath and plaster partitions.
Owner—J. Malone, Premises.
Architect—None.
Contractor—H. J. Hansen, 302 Kearny St., San Francisco. \$1000

ALTERATIONS

(2874) NO. 80 SANTA ROSA AVE. All work except heating and plumbing for alterations and additions to one-story frame bldg.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—D. E. Graham, 1100 Franklin St., San Francisco.
Contractor—Michael Brueck, 600 Charter Oak Ave., San Francisco.
Filed July 22, '22. Dated July 21, '22.
On 1st day of each month 75%
Usual 35 days 25%
TOTAL COST, \$3500
Bond, \$1750. Sureties, John Brueck & Alfred J. Taylor. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FLATS

(2875) E BARTLETT 86-1 N 25th Two-story and basement frame (2) flats.
Owner—Thomas Lados, 946 Valencia St., San Francisco.
Architect—None.
Contractor—Joe Piasecki, 239 Clinton Park, San Francisco. \$8154

FLATS

(2876) W FUNSTON AVE 225 N Kirkham. Two-story and basement frame (2) flats.
Owner—Miss Marie Murphy, 856 Church St., San Francisco.
Architect—None.
Contractor—Sunset Realty Co., 1275 9th Ave., San Francisco. \$7000

FLATS

(2877) E FUNSTON AVE 125 N Geary. Two-story and basement frame (2) flats.
Owner—Milton Kamler, 350 18th Ave., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Day's work \$11,000

GARAGE

(2878) SE GROVE AND DIVISADERO One-story Class C garage.
Owner—Frank E. Clark, 180 Clayton St., San Francisco.
Architect—H. C. Baumann, 231 Kearny St., San Francisco.
Day's work \$17,850

APARTMENTS

(2879) E LARKIN 80 N Geary. Three-story and basement concrete stores and apartments.
Owner—Dr. Eph. Weiss, 1907 Lincoln Ave., San Francisco.
Architect—John K. Branner, 351 Kearny St., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco. \$18,500

FLATS

(2880) S LINCOLN WAY 120 W Third Ave. Two-story and basement frame (2) flats.
Owner—Ruth Hewitt, 5600 Geary St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Day's work \$7000

DWELLING
(2881) REAR NO. 2417 SACRAMENTO
One-story and basement frame
dwelling.
Owner—Mrs. A. Buckley, 2417 Sacra-
mento St., San Francisco.
Architect—C. A. Berger, 261 Valencia
St., San Francisco.
Day's work. \$1000

DWELLING
(2882) E THIRD AVE 32 S Cabrillo.
One-story and basement frame
dwelling.
Owner—John M. Peters, 1010 Balboa
St., San Francisco.
Architect—None.
Day's work. \$5000

DWELLING
(2882) W WAWONA 185 S Fourteenth
Ave. One-story and basement
frame dwelling.
Owner—Fernando Nelson & Sons, Inc.,
2 West Portal Ave., S. F.
Architect—None.
Day's work. \$2500

FLATS
(2884) S WASHINGTON 137-6 E Hyde.
Two-story and basement frame (4)
flats.
Owner—Dr. F. A. Gawthorne, 708 Phe-
lian Bldg., San Francisco.
Architect—None.
Contractor—J. W. Smith, 708 Phelan
Bldg., \$15,000

FLATS
(2885) E NINETEENTH AVE 200 N
Clement 25x120. All work for two-
story frame flat building.
Owner—Gertrude M. Welcer, 547 19th
Ave., San Francisco.
Plans by Contractor.
Contractor—A. Peterson, 350 Moraga
St., San Francisco.

Filed July 24, '22. Dated July 21, '22.
Frame up
Plastered
Completed and accepted
Usual 35 days
TOTAL COST, \$10,000
Bond, none. Limit, none. Forfeit, \$10.
Plans and specifications filed.

RESIDENCE
(2886) SW CABRILLO AND THIRD
Ave S 24-94xW 87-6. All work for
frame residence.
Owner—Philip P. Sheridan.
Architect—Earle B. Bertz, 168 Sutter
St., San Francisco.
Contractor—Allen & Co., 168 Sutter
St., San Francisco.
Filed July 24, '22. Dated July 21, '22.
Frame up \$2488.75
Brown coated 2488.75
Completed 2488.75
Usual 35 days 2488.75
TOTAL COST, \$9955.09
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

FLATS
(2887) W FRANKLIN 75 N Chestnut
W 100xN 25. All work for two-
story flat building (2 flats) with
garage.
Owner—John and Rita Herlihy, 1641
Leavenworth St., San Francisco.
Architect—None.
Contractor—John Harder, 870 39th
Ave., San Francisco.
Filed July 24, '22. Dated July 24, '22.
Frame work completed \$2750
Brown coated 2750
Completed and accepted
Usual 35 days
TOTAL COST, \$11,100
Bond, none. Limit, Nov. 15, 1922. For-
feit, none. Plans and specifications
filed.

DWELLING
(2888) S DAY 75 E Church. One-story
and basement frame residence.
Owner—Mrs. M. Isola, 16 30th St., San
Francisco.

Architect—J. P. Conco, 5079 Mission
St., San Francisco.
Contractor—J. P. Conco and F. De
Martini, 5079 Union St., San Fran-
cisco. \$1000

STORES
(2889) NE FOURTH AND FREELON.
Two-story concrete stores and of-
fices.
Owner—Atlas Heating & Ventilating
Co., 557 4th St., San Francisco.
Architect—None.
Day's work. \$3000

ALTERATIONS
(2890) N GEARY 150 E Stockton. Re-
arrange show windows, erect bal-
cony in store.
Owner—Mr. Black, Geary and Stockton
St., San Francisco.
Plans by Contractor.
Contractor—Royal Show Case Co., 759
McAllister St., S. F. \$1500

ALTERATIONS
(2891) NO. 1026 GUERRERO. Raise
cottage; cement floor; new bath
fixtures, etc.
Owner—H. Kessler, 1026 Guerrero St.,
San Francisco.
Architect—None.
Contractor—A. A. Wesendunk, 1747 Do-
lores St., San Francisco. \$1650

DWELLINGS
(2892) W SIXTH AVE 260 and 285 N
Fulton. Two one-story and base-
ment frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg.,
San Francisco.
Architect—None.
Day's work. \$3950 each

FOUNDATION.
(2893) ALMY AND DE HARO STS.
Construct 10,000,00 cu. ft. gas
holder foundation.
Owner—Pacific Gas & Elec. Co., 445
Sutter St.
Architect—None.
Day's work. \$90,000

LAUNDRY.
(2894) S GEARY 137.6 W. Webster.
One-story laundry building and
moving and raising present two-
story frame building for flats.
Owner—M. M. and J. Betabe, 16899
Geary St.
Architect—Plans by Owner.
Contractor—Kronnick Bros., 1689
O'Farrell. \$10,000

DWELLING.
(2895) W 21ST AVE. 166.8 N. Ulloa.
One-story and basement frame
dwelling.
Owner—J. Boeddecker and wife.
Architect—Chas. F. Strothoff, 2274 15th
St.
Contractor—Ernest Swanson, 180 Jes-
se St. \$3800

BANK BLDG.
(2896) NW BATTERY AND SACRA-
mento W 275xN 119-6. All work
for three depressible platforms for
vault doors for seven-story Class
A bank building.

Owner—Federal Reserve Bank of San
Francisco.
Architect—None.
Contractor—The Hermann Safe Co.,
216 Fremont St., San Francisco.
Filed July 25, '22. Dated May 22, '22.
On 10th of each month 75%
Usual 35 days 25%
TOTAL COST, \$5560

Bond, \$2175. Surety, Fidelity & De-
posit Co. of Maryland. Limit, as
required. Forfeit, none. Plans and
specifications filed.

RESIDENCE
(2897) W ASHBURY bet. Hayes and
Grove. All work for two-story
frame residence.
Owner—Anna A. and Wm. P. Rodden,
732 Haight St., San Francisco.
Architect—None.
Contractor—Thos. J. Broderick, 1528
Cypress Ave., San Francisco.

Filed July 25, '22. Dated July 18, '22.
Frame up and roof on \$1900
Rough plaster on 1900
Completed 1900
Usual 35 days 1900
TOTAL COST, \$7600
Bond, none. Limit, Sept. 30, 1922. For-
feit, none. Plans and specifications
filed.

GARAGE
(2898) N CLAY 106-3 E Baker E 25xN
127-8 1/2. All work for private gar-
age.
Owner—Mrs. Alice K. Ross, Premises.
Architect—Sylvain Schnattacher, 233
Post St., San Francisco.
Contractor—D. L. Bienfeld, 1165 Cle-
ment St., San Francisco.
Filed July 25, '22. Dated July 15, '22.
Garage frame up and house un-
derparged \$1100
Completed and accepted 550
Usual 35 days 550
TOTAL COST, \$2200

Bond, \$1100. Sureties, Elsie C. Bien-
feld and M. G. Martindell. Limit, 60
days. Forfeit, none. Plans and spec-
ifications filed.

STORE
(2899) N GEARY 64 W Fourth Ave.
One-story and basement concrete
hardware store.
Owner—Edward E. Gillon, 3940 Geary
St., San Francisco.
Architect—Erle J. Osborne, 821 Balboa
Bldg., San Francisco.
Contractor—Adam Arras Co., 185 Stev-
enson St., S. F. \$904.9

RESIDENCE
(2900) SE APPLETON AND PATTON.
Carpetwork work for residence.
Owner—M. O'Tool, 102 Appleton St.,
San Francisco.
Architect—R. R. Irvine, 507 Call Bldg.,
San Francisco.
Contractor—Joseph Howard, 2769 Mc-
Allister St., San Francisco. \$1000

DWELLINGS
(2901) E BOCANA 136, 163, 190 and 217
N Eugenia. Four one-story and
basement frame dwellings.
Owner—New Era Bldg. Co., 3289 Mis-
sion St., San Francisco.
Architect—None.
Day's work. \$2000 each

ALTERATIONS
(2902) NO. 1015 BROADWAY. Con-
struct five-room frame flat over
present one-story building.
Owner—Wm. Delehanty, Premises.
Architect—R. R. Irvine, 507 Call Bldg.,
San Francisco.
Contractor—Chas. S. Deianey, 2415
Bush St., San Francisco. \$4500

ALTERATIONS
(2903) NO. 1775-79 HAIGHT. Remodel
present building for (3) flats and
store.
Owner—Leon L. Levy, 415 Shrader St.,
San Francisco.
Architect—C. S. McNally, 661 Golden
Gate Ave., San Francisco.
Contractor—Bradshaw & McKenna, 24
Beulah St. and 484 Frederik St.,
San Francisco. \$7885

STATION
(2904) LINCOLN WAY bet. Great
Highway and La Playa. One-story
steel gasoline service station.
Owner—Standard Oil Co., 298 Bush St.,
San Francisco.
Plans by Owner.
Day's work. \$1000

ALTERATIONS
(2905) SW LAKE AND TWENTY-
seventh Ave. Remodel six-room
flat into two 3-room apartments,
plaster front on metal lath.
Owner—Albert S. Samuels, 33 Kearny
St., San Francisco.
Architect—Bernard J. Joseph, Rm 522
74 New Montgomery St., S. F.
Day's work. \$2750

DWELLING
(2906) E NAPLES 33 N Athens. One-story and basement frame dwlg.
Owner—Clarence Day, 1199 Naples St., San Francisco.
Architect—None
Contractor—John Carlson, 31 Rivali St., San Francisco. \$4800

DWELLING
(2907) S ROLPH 81 W Athens. One-story and basement frame dwlg.
Owner—Crocket Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 296 Rolph St., San Francisco. \$2000

DWELLINGS
(2908) N RICHLAND 625 and 650 E Murray. Two one-story and basement frame dwellings.
Owner—Miriam Ellosasser, 204 Divisadero St., San Francisco.
Architect—None.
Day's work. \$2000 each

FRAME FLATS
(2909) W SIXTEENTH AVE 175 N Fulton. Two-story and basement frame (2) flats.
Owner—Celia Rabenowitz.
Architect—None.
Contractor—M. P. Storheim, 201 Casella Ave., San Francisco. \$7000

DWELLING
(2910) S YERBA BUENA 425 SE Santa Paula Ave. Two-story and basement frame dwelling.
Owner—R. A. Reynolds, 278 Post St., San Francisco.
Architect—Masten & Hind.
Contractor—Moore & Madsen, 77 O'Farrell St., S. F. \$7000

(2911) E BECKETT 77-6 N Jackson N 25x55 50. All work except shades and lighting fixtures for three-story and basement reinforced concrete apartments.
Owner—Quan Ming, NE Pacific and Grant Ave., San Francisco.
Architect—Paul F. De Martini, 945 Broadway, San Francisco.
Contractor—J. Martinelli, 180 Jessie St., San Francisco.
Filed July 26, '22. Dated July 20, '22.
Concrete poured to 2nd floor. 3000
Concrete poured to roof. 3000
Brown coated. 4500
Completed and accepted. 4500
Usual 35 days. 4000
TOTAL COST, \$19,550
Bond, \$9500. Sureties, Frank L. Martinelli and S. A. Firpo. Limit, 90 days after July 24. Forfeit, none. Plans and specifications filed

DWELLING
(2912) S CARRILLO 95 W 20th Ave. One-story and basement frame dwelling.
Owner—David Leigh, 840 44th Ave., San Francisco.
Architect—None.
Day's work. \$4000

FRAME FLATS
(2913) N LIBERTY 25 E Dolores. Two-story and basement frame (2) flats.
Owner—John J. Casey, 190 Liberty St., San Francisco.
Architect—None.
Day's work. \$8000

FURNITURE STORE
(2914) W MISSION 52½ S Ruth. One-story frame furniture store.
Owner—A. Guglielmetti, 4702 Mission St., San Francisco.
Architect—None.
Contract not let. \$2000

DWELLING
(2915) NW MISSION AND LAUPENCE One-story and basement frame dwelling.

Owner—J. D. Heagerty, 2902 Mission St., San Francisco.
Architect—None.
Contractor—Harry C. Pinkerton Jr., 157 Belvedere St., San Francisco. \$2590

DWELLING
(2916) SE NORTHWOOD & MIRAMAR Ave. One-story and basement frame dwelling.
Owner—Linnie Morris, 152 Judson Ave., San Francisco.
Architect—Ida F. McCain, 318 Kearny St., San Francisco.
Contractor—G. W. Morris, 152 Judson Ave., San Francisco. \$4000

RESIDENCES
(2917) E TWENTY-EIGHTH AVE 30, 60-6 and 91 N Lake. Three two-story and basement frame residences.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Allen & Co., 168 Sutter St., San Francisco. \$7000 each

RESIDENCE
(2918) NE TWENTY-EIGHTH AVE. and Lake. Two-story and basement frame residence.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Allen & Co., 168 Sutter St., San Francisco. \$7000

DWELLING
(2919) W THIRTY-EIGHTH AVE 100 S Balboa. One-story and basement frame dwelling.
Owner—John Tanner, 1323 Lyon St., San Francisco.
Plans by Owner. \$2000
Day's work

DWELLING
(2920) S CARRILLO 82-6 E Twenty-third Ave. Two-story and basement frame dwelling.
Owner—Lapham Bldg. Co., 6311 Geary St., San Francisco.
Architect—None.
Day's work. \$6000

BUILDING
(2921) W TWENTY-FIFTH AVE 200 N Carrillo N 25xW 120. All work except grading and sidewalk and window shades for frame bldg.
Owner—Jas. O. Maxon, 1597 Jackson St., San Francisco.
Architect—Wm. F. Yates, 110 Sutter St., San Francisco.
Contractor—Knabenshuh & Morrison, 180 Jessie St., San Francisco.
Filed July 27, '22. Dated May 31, '22.
Frame up and studs set. 750
Enclosed and roof on. 750
Plastering completed. 750
Building completed. 750
Usual 35 days. 1000
TOTAL COST, \$4000
Bond, none. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

COUNTERS, ETC.
(2922) LOCATION NOT GIVEN. Fixture work, balcony shelving, tables and counters for building.
Owner—The San Francisco News Co., 747 Howard St., San Francisco.
Architect—N. W. Sexton, Chronicle Bldg., San Francisco.
Contractor—N. F. Neilsen, 180 Jessie St., San Francisco.
Filed July 27, '22. Dated July 22, '22.
All material delivered at bldg. \$3315
Completed and accepted. 1657
Usual 30 days. 1658
TOTAL COST, \$6630
Bond, none. Limit, Sept. 15, 1922. Forfeit, \$50. Specifications, only filed.

CARPENTRY, ETC.
(2923) N FOLSOM bet. Second and Hawthorne. Carpenter, mill, sheet roofing, metal flashing, fire doors, glass and glazing for building.
Owner—Collins-Hencke Candy Co., 25 Beale St., San Francisco.
Architect—N. W. Sexton, 1607 Chronicle Bldg., San Francisco.
Contractor—N. F. Neilsen, 180 Jessie St., San Francisco.
Filed July 27, '22. Dated July 26, '22.
Rough 2nd floor in place. \$6750
Rough 3rd floor in place. 6750
Roofing on. 6750
Completed and accepted. 6750
Usual 35 days. 9000
TOTAL COST, \$36,000
Bond, \$18,000. Surety, Fidelity & Deposit Co. of Maryland. Limit, Oct. 15, 1922. Forfeit, \$50. Specifications only filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
July 27, 1922—S CLEMENT 32-6 E 38th Ave E 25xS 100. Edward Lewis to Charles Schwarz. July 20, 1922
July 27, 1922—W TWENTY-FOURTH AVE 209-8 S Anza S 25xW 120. H O Lindeman to W R Lindeman. July 27, 1922
July 27, 1922—LOT 22 BLK 3110 Westwood Park. Millie C (wife L W) Cole to whom it may concern. July 27, 1922
July 27, 1922—SE BALBOA AND Seventh Ave E 95xS 25. Orrin Knox to whom it may concern. July 17, 1922
July 27, 1922—W TWELFTH AVE 100 S Geary. Aaron Lewis to Morrow & Garren. July 25, 1922
July 26, 1922—S POST 106 W Fillmore W 30xS 75. W H Hicks to Richard J H Forbes. July 20, 1922
July 26, 1922—E THIRTY-SECOND Ave 204 S California S 25x E 120. John Breen to Thos Hamill. July 26, 1922
July 26, 1922—SW BUSH & STOCKTON W 60 S 39-6 E to W Stockton N to Bush. Julius Goldstein to Fred Wagner, Ginsberg Tile Co, Brutcher & Serna, John O'Connor, Chas Sartorio, Decker Elec Co, W J Forster, Morrison & Co and Pacific Builders Supply Co. July 17, 1922
July 25, 1922—NW TAYLOR AND Golden Gate Ave 137-6 on Taylor x 192-6. Junior Orpheum by W S Dinwiddie to Alexander Coleman and Malott & Peterson. July 24, 1922
July 25, 1922—NO. 129 FREMONT E side 137-6 S Mission 45-10x137-6. Mrs. Lucy H Otis and Miss Martha L Macondray to D J & T Sullivan. July 24, 1922
July 25, 1922—NO. 77 DOUGLASS W side 64 S Elizabeth. Irene Boost to J W Higgins. July 24, 1922
July 25, 1922—SE MINNA 510 SW Third SW 40xSE 70. Daniel O'Neill to Charles Nilson. July 22, 1922
July 25, 1922—N McALLISTER 100 W Willard 25x137-6. Michael Enright & Ole Olson. July 15, 1922
July 26, 1922—LOT 7 BLK 3162 Westwood Park. R F and Elsie A Williams to Nelson Bros. July 17, 1922
July 25, 1922—LOT 22 BLK J Mission Terrace. Fred and Marion M Starling to Olaf Olsen. July 13, 1922
July 25, 1922—NE RUSSIA AVE 25 NW Lisbon NW 25xNE 75 Ptn Lot 6 Blk 20, Excl Hd Ass'n. James Gleason to whom it may concern. July 24, 1922
July 24, 1922—BLK HDED BY MARKET, Mission, Stewart and Spear. Southern Pacific Co to Alexander Quandt, Fred A Quandt and Theodore W Quandt (as A Quandt & Son). July 16, 1922

July 21, 1922—E. TWENTY-FIRST
Ave 237 N Fulton N 284 E 120.
Lawrence and Michael Costello to
whom it may concern. July 21, 1922

July 24, 1922—W CLAYTON 150 S
Haight and 100 N Waller. Sarah
Nesbit to J W Marsden. July 14, 1922

July 24, 1922—S CLAY 102-6 W Baker
W 358 S 102-8 E. Olga D Lath
to Petersen and Elmer Carlson.
July 17, 1922

July 24, 1922—W TWENTY-FIRST AV
155 and 180 S Cabrillo. J O Eng
land to Meyer Bros. July 20, 1922

July 24, 1922—LOT 21 BLK J Mission.
Terrace; Lot 23 Blk J Mission Ter-
race. Paul L and Lizzie H Herbert
to Olaf Olsen. July 18, 1922

July 24, 1922—S McALLISTER 78 E
W 358 S 102-8 E. A G and J
Sonnick to A J Reeder. July 12, 1922

July 22, 1922—W TAYLOR 23 N Gold-
en Gate Ave N 114-6 W 122-6 S 127-6
E 110 N 23 E 52-6. N W Taylor and
Golden Gate Ave N 23 W 82-6 Jus-
nior Orpheum, San Francisco to
Mercantile Trust Co. July 21, 1922

July 21, 1922—E TENTH AVE 73 N
California N 27 E 45. Peter and
Annie Curry to John Linder. July
17, 1922

July 21, 1922—N GEARY 50 W 19th
Ave. No. 5514 Geary. Jena Boyars-
sky to A E Disston. July 21, 1922

July 21, 1922—W CLAYTON 85-5 S
Parnassus Ave S 31-9 W 63 N 31-8
th to beg. Yates & Cooke to
whom it may concern. July 21, 1922

July 21, 1922—NW HOWARD 70 SW
Fifth SW 29 3/4 NW 80 SW 25-8 S
NW 80 NE 50 SE 130 NE 5 SE 30.
John M Kepner to Thos F Alnkahy
July 18, 1922

July 21, 1922—W TWENTY-SECOND
Ave 24-11, 49-9 and 74-7 N Cabrillo
and N Cabrillo 75 W 22nd Ave
Harry Wissman to Meyer Bros. July
21, 1922

July 21, 1922—S HIDALGO TER-
race 182 E Dolores 25x100. Wm
J Baumeister to Arthur H Klahn.
July 10, 1922

July 21, 1922—W TWENTY-FIFTH
Ave 130, 73 and 104 S Balboa S 28 E
W 60. David Leigh to whom it may
concern. July 20, 1922

July 21, 1922—SW FIFTH AVE AND
Lincoln Way 32-6x95. C S Bundage
and A J Ralsch to Cox Bros. July 20,
1922

July 21, 1922—E TWENTY-FOURTH
Ave 125 S Geary. Meyer Bros to
whom it may concern. July 20, 1922

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

July 26, 1922—N EIGHTH AND
Clementina. Bothin Real Estate Co
as to improvements on property
July 25, 1922—No. 72 TURK N line
bet. Mason and Taylor. Zellerbach
Levison Co as to improvements on
property

EXTENSION OF BUILDING CON-
TRACT

SAN FRANCISCO COUNTY

July 26, 1922—THIRD & TOWNSEND
Southern Pacific Company with D
Zelinsky & Sons; Surety National
Surety Co. extended 30 days from
July 5, 1922.

ARCHITECT'S CERTIFICATE

SAN FRANCISCO COUNTY

July 21, 1922—Helen Elizabeth Findlay
has filed her Certificate of Architec-
ture for San Francisco County.

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the
contracts for this issue.

No.	Owner	Contractor	Am't.
3186	Nigro	Williams	2500
3187	Brune	MacGregor	7750
3188	Matson	Owner	1200
3189	Bennett	Williams	1500
3190	Burritt	Owner	3750
3191	Burritt	Owner	3750
3192	Burritt	Owner	11250
3193	Seeborg	Teekins	1500
3194	Page	Owner	300
3195	Strathman	Frankford	1800
3196	Woodburn	Owner	1000
3197	Woodburn	Owner	4000
3198	Page	Owner	6000
3199	Hackett	Wieben	7700
3200	Christiansen	Mickelson	2000
3201	Baldwin	Owner	1000
3202	Hobart	Owner	2000
3203	Neill	Owner	2000
3204	Shetler	Owner	1200
3205	Gresham	Butzbach	1050
3206	Graham	Owner	4875
3207	Summer	Koester	1500
3208	Volmer	Curtis	2000
3209	Marcel	Owner	2000
3210	Peterson	Owner	4000
3211	Barielles	Williams	8025
3212	Bonnemazon	Williams	1750
3213	Monsen	Bullock	3300
3214	Zak	Macdonald	14111
3215	Henas	Owner	2750
3216	Hetchkiss	Bealston	6000
3217	Sommarsro	Owner	6000
3218	Kitchen m	Frostholm	18000
3219	Peppin	Owner	5000
3220	Rawlings	Knowles	25000
3221	Acorn	Owner	2000
3222	Jacobsen	Mork	1000
3223	Hastings	Henderson	5000
3224	Marquis	Owner	2700
3225	Young	Blethroad	4500
3226	Lindsey	Hann	1000
3227	Walden	Strahl	7488
3228	Johnson	Livingston	4000
3229	Lukas	Anderson	2500
3230	Pateris	Owner	2000
3231	Holmes	Owner	2500
3232	Duncan	Wilson	3000
3233	Roses	Johnson	5630
3234	Reynolds	McOscar	4500
3235	Benfer	Owner	4500
3236	Clinkenbeard	Owner	3900
3237	Harmon	Owner	6000
3238	Bednarz	Jensen	13700
3239	Owen	Owner	2500
3240	Church	Alhufeld	4000
3241	Simmonds	Owner	3000
3242	Standard Oil	Owner	4000
3243	Fredericksen	Petersen	4000
3244	McQuicken	Murch	12178
3245	Kalitsas	Williams	\$5000

3246	Turner	Owner	2400
3247	Rugel	California	9500
3248	Baczyski	Owner	2000
3249	Rankin	Owner	3500
3250	Perguson	Furlong	4500
3251	Welch	Owner	1600
3252	Mazzanti	Morgan	2775
3253	Amanino	Owner	10000
3254	Sigwald	Owner	2500
3255	Wilson	Owner	3250
3256	Pinckert	Owner	1500
3257	Sholz	Sydes	2000
3258	Munson	Bullock	3200
3259	Auberton	Glantz	1000
3260	Miller	Scott	12665
3261	Veager	Cuthbertson	7000
3262	Steel	Owner	2000
3263	Kitto	MacGregor	4750
3264	Larson	Larson	3250
3265	General	Foundation	59070
3266	Alisevich	McGline	8500
3267	Sassoe	Campomenosi	9500
3268	Legris	Owner	5000
3269	Clarke	Richmond	3000
3270	McDonnell	Friberg	3500
3271	Aronsen	Flittner	2240
3272	Same	Same	2925
3273	Kerdig	Stolte	5100
3274	Littleton	Pfrang	8000
3275	West End	Jensen	2000
3276	Morrison	Jordan	3250
3277	Waye	Owner	4000
3278	Edwards	Owner	3500
3279	Killy	Orton	2700
3280	Shafsky	Mason	6000
3281	Shafsky	Welhold	9000
3282	Hunter	Jacques	8000
3283	Levensaler	Bradhoff	13650
3284	Fredericksen	Owner	3900
3285	Baird	Owner	6050
3286	Halton	Hay	1500
3287	Rubner	Owner	2000
3288	Forrester	Owner	1000
3289	Hanner	Owner	1500
3290	Delucchi	Moe	3500
3291	Short	Shore	6000
3292	Kendig	Stolte	3900
3293	Nelson	Owner	3000
3294	Whalin	Owner	3500
3295	Hart	Moe	3000
3296	Dray	Frang	—

DWELLING
(3188) 1779 NINTH ST. BERKELEY.
One-story 5-room dwelling.
Owner—A. Nigro, premises.
Architect—None.
Contractor—C. C. Williams, 1524
Franklin St., Oakland. \$2500

DWELLING
(3187) 1012 POPPY LANE, Berkeley.
Two-story 7-room dwelling.
Owner—Mrs. Ernest Bruce, 625 Market
St., San Francisco.
Architect—None.
Contractor—C. M. MacGregor, 470 13th
St., Oakland. \$8750

GARAGE
(3188) 2448 SAN PABLO AVE, Berke-
ley. One-story brick garage.
Owner—Edw. Matson, 2433 8th St.,
Berkeley.
Architect—None.
Day's work. \$1200

DWELLING
(3189) 822 SHATTUCK AVE, Berke-
ley. Two-story 7-room dwelling.
Owner—Howard Bennett.
Architect—None.
Contractor—C. C. Williams, 1524
Franklin St., Oakland. \$4500

DWELLING
(3190) W KINGSLAND AVE 40 N
Fleming, Oakland. One-story 5-rm.
dwelling.
Owner—Burritt & Shealey, 2757 Best
Ave., Oakland.
Architect—None.
Day's work. \$3750

DWELLING
(3191) E MODESTO AVE 200 S
Birdsall, Oakland. One-story 5-
room dwelling.
Owner—Burritt & Shealey, 2757 Best
Ave., Oakland.
Architect—None.
Day's work. \$3750

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
July 26, 1922—N GOLDEN GATE AVE 137-6 W Laguna W 68-9XN 37-6. E Melano vs Walter L Hogan, Chas V Hecker, W F Postel and W L Hogan & Co. \$729	
July 27, 1922—S CLEMENT 82-6 W Clement — 25 S 100 E 25 N 100. Frank Portman vs G Moriconi and Jas Heney. \$802.70	
July 25, 1922—N GOLDEN GATE AVE 137-6 W Laguna W 68-9XN 137-6 S Plansky vs W L Hogan. \$425	
July 21, 1922—E FRANKLIN 26 S Union S 50X E 82-6. Sherwin Wil- liams Co vs E A and Jane Doe Janssen. \$59.53	

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
July 26, 1922—S ANZA 107-6 W 19th Ave W 25X S 100. Eureka Sash, D & C Moulding Mills to Isadore Schuman, Thomas H Martin and S Aherson	

DWELLING
(3192) E RAWSON 300, 400, 440 S
Birdsall, Oakland. Three 1-story
5-room dwellings.
Owner—Burritt & Shealey, 2757 Best
Ave., Oakland.
Architect—None.
Day's work. \$3750 each

ALTERATIONS
(3198) 233 ATWELL, OAKLAND. Al-
teration and addition.
Owner—Miss N. C. Seeborg.
Architect—None.
Contractor—N. E. Teakins \$1500

DWELLING
(3194) W AUSEON AVE 40 N Dowling
Oakland. One-story 5-room dwell-
ing.
Owner—M. Page, 2060 55th Ave., Oak-
land.
Architect—None.
Day's work. \$3000

DWELLING
(3195) N BUEK ST 250 E 94th Ave.,
Oakland. One-story 3-room dwell-
ings.
Owner—H. Strathman, 1400 Peralta
St., Oakland.
Architect—None.
Contractor—B. Frankford, Hotel Crel-
len, Oakland. \$1500

DWELLING
(3196) S BROADMORE WAY 50 E
Stratford Road, Oakland. One-sto-
ry 6-room dwelling.
Owner—F. L. Woodburn, 155 Park-
side Drive, Berkeley.
Architect—None.
Day's work. \$4000

DWELLING
(3197) E STRATFORD ROAD 231 S
Trestle Glen, Oakland. One-story
6-room dwelling.
Owner—F. L. Woodburn, 155 Park-
side Drive, Berkeley.
Architect—None.
Day's work. \$4000

2 DWELLINGS
(3198) E EIGHTY-SEVENTH AVE 10
land 115 S Olive, Oakland. Two
one-story 5-room dwellings.
Owner—M. Page, 2060 55th Ave., Oak-
land.
Architect—None.
Day's work. \$3000 each

DWELLING
(3199) E HILLCROFT AVE 150 S
Sunnyhill, Oakland. Two-story 8-
room dwelling.
Owner—Wm. H. Hackett, 2841 Foothill
Blvd., Oakland.
Architect—None.
Contractor—Alex C. Wieben, 339 Rose-
mount, Oakland. \$7700

DWELLING
(3200) NW COR JONES AVE AND
Birch St., Oakland. One-story 5-
room dwelling.
Owner—F. Christiansen, 627 E 8th St.,
Oakland.
Architect—None.
Contractor—M. Mickelson, 4021 Foot-
hill Blvd., Oakland. \$2000

DWELLING
(3201) E LINCOLN AVE 250 N Fisher,
Oakland. One-story 2-room dwell-
ing.
Owner—Edith B. Baldwin, 272 40th St.,
Oakland.
Architect—None.
Day's work. \$1600

DWELLING
(3202) W MANILA 62 S 35th St., Oak-
land. One-story 2-room dwelling.
Owner—M. F. Hobart, 363 33th St., Oak-
land.
Architect—None.

Contractor—A. Beadell, 662 Fairview
St., Oakland. \$2000

DWELLING
(3203) N MILTON ST 100 W San
Pablo, Oakland. One-story 4-room
dwelling.
Owner—Mrs. M. Nell, 391 20th St.,
Oakland.
Architect—None.
Contractor—J. Chase, 38th Ave. and
Angelo, Oakland. \$2000

DWELLING
(3204) W MOOR PARK 100 S Pear-
man, Oakland. One-story 4-room
dwelling.
Owner—John Shetler, 701 Post St., San
Francisco.
Architect—None.
Day's work. \$1200

DWELLING
(3205) NW COR NINETIETH AVE
and Foothill Blvd., Oakland. One-
story 3-room dwelling.
Owner—M. Gresham, 328 E. 14th St.,
Oakland.
Architect—None.
Contractor—G. H. Butzbach & Son, 1640
64th Ave., Oakland. \$1050

DWELLING
(3206) W PALOMA 100 S CALMAR
Oakland. One-story 6-room dwell-
ing.
Owner—Chase Graham, 615 Calmar
Oakland.
Architect—None.
Day's work. \$4875

DWELLING
(3207) NE COR SPRUCE and Pros-
pect, Oakland. One-story 6-room
dwelling.
Owner—T. H. Summer, 228 Bissel St.,
Richmond.
Architect—None.
Contractor—Chas. J. L. Keester & Son,
5356 Wentworth Ave., Oakland. \$4500

DWELLING
(3208) W SEVENTY-THIRD AVE 100
N Outlook, Oakland. One-story 3-
room dwelling.
Owner—E. Wolmer.
Architect—None.
Contractor—C. A. Curtis, 7320 Foothill
Blvd., Oakland. \$2000

DWELLING
(3209) W THIRTY-EIGHTH AVE 100
N Quigley, Oakland. One-story 5-
room dwelling.
Owner—A. E. Murcel, 3850 Quigley
St., Oakland.
Architect—None.
Day's work. \$2000

DWELLING
(3210) NW COR THERMAL AND
Derby, Oakland. One-story 5-rm.
dwelling.
Owner—Carl Peterson, 3918 Lindwood
Ave., Oakland.
Architect—None.
Day's work. \$1000

GARAGE
(3211) NO. 2414 CENTRAL AVE 40;
120, Alameda. All work for one-
story brick garage.
Owner—P. Barrielles, 2215 Lincoln Ave.,
Alameda.
Architect—None.
Contractor—George A. Williams, 357
12th St., Oakland.
Filed July 21, '22. Dated July 21, '22.
Ready for trusses. \$2000
Roof on. \$2000
Plastered. \$2000
Usual 35 days. \$2007
TOTAL COST, \$8025
Bond, none. Limit, 70 days. Forfeit,
\$1. Plans and specifications filed.

GARAGE
(3212) REAR NO. 2412 CENTRAL
Ave., 30x50, Alameda. All work
for one-story brick garage.
Owner—C. J. Bonnemazon.
Architect—None.
Contractor—George A. Williams, 357
12th St., Oakland.
Filed July 21, '22. Dated July 21, '22.
Ready for trusses. \$437
Roof on. \$437
Plastered. \$437
Usual 35 days. \$429
TOTAL COST, \$1760
Bond, none. Limit, 75 days. Forfeit,
none. Plans and specifications filed.

DWELLING
(3213) LOT 6 BLK 8 Map East Pied-
mont Heights Extension, Oakland.
All work for one-story 5-room
dwelling and garage.
Owner—Martin and Grace Monsen, 22
Nace Ave., Piedmont.
Architect—None.
Contractor—O. M. Bullock, 303 Hudson
St., Oakland.
Filed July 21, '22. Dated July 13, '22.
Frame up. \$4
Plastered. \$4
Completed and accepted. \$4
Usual 25 days. \$3300
Bond, \$1650. Sureties, J. F. Ford and
Annie Ford Bullock, Limit, 70 days
after July 17. Forfeit, \$5. Plans and
specifications filed.

STORES, ETC.
(3214) S OPKINS 186 W Franklin
Ave., 46x144, Oakland. All
work for two-story frame stores
and apartments.
Owner—Mrs. Bertha Zak, Oakland.
Architect—None.
Contractor—Henry W. Macdonald, 2439
12th Ave., Oakland.
Filed July 21, '22. Dated July 20, '22.
Frame up. \$4
Brows coated. \$4
Completed. \$4
Usual 35 days. \$4
TOTAL COST, \$14,144
Bond, none. Limit, 90 days. Forfeit,
\$10. Plans and specifications, none.

DWELLING
(3215) S FRESNO 210 E Church, Oak-
land. One-story 5-room dwelling.
Owner—J. A. Henas, 6922 Arthur St.,
Oakland.
Architect—None.
Day's work. \$2750

DWELLING
(3216) 38 ESTRELLA AVE, Piedmont,
Cal. Two-story 6-room residence.
Owner—L. S. Hotchkiss, Plaza Bld.,
Oakland.
Architect—None.
Contractor—S. J. Bealston. \$6000

DWELLING
(3217) 311 EL CERRITO AVE., Pied-
mont. One-story 6-room dwelling.
dwelling.
Owner—Aurora Sommarstrom, 109
Sunnyside Ave., Piedmont, Cal.
Architect—None.
Day's work. \$5000

DWELLING
(3218) 74 LA SALLE AVE., Piedmont.
Two-story, 9-room residence.
Owner—A. W. Kitchen.
Architect—Harris Allen, Central Bank
Bldg., Oakland.
Contractor—H. M. Frostholm, 877
Lakeshore Ave., Oakland. \$18,000

DWELLING
(3219) 221 PALM DRIVE, Piedmont.
One-story, 6-room residence.
Owner—G. B. Peppin, 1423 Franklin
St., Oakland.
Architect—None.
Day's work. \$5000

- DWELLING**
32201 61 WILDWOOD WAY, Piedmont
Two-story 11-room residence.
Owner—Stewart Rawlings.
Architect—None.
Contractor—Wm. Knowles, Central Bank Bldg., Oakland. \$25,000
- DWELLING**
32211 NO. 1317 BLAKE, Berkeley
One-story 5-room dwelling.
Owner—H. H. Acorn, 2543 Grove St., Berkeley.
Architect—None.
Day's work. \$2000
- FURNACE**
322 NO. 2411 BOWDITCH, Berkeley.
Furnace.
Owner—Miss Jacobsen, Premises.
Architect—None.
Contractor—Walter Mork, San Pablo and Hearst Aves., Bkly. \$1000
- DWELLING**
32233 NO. 712 CONTRA COSTA, Berkeley.
One-story 5-room dwelling.
Owner—Frank G. Hastings.
Architect—None.
Contractor—E. T. Henderson, 5744 Keith Ave., Oakland. \$5000
- DWELLING**
3224 NO. 1115 FRESNO, Berkeley.
One-story 5-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None.
Day's work. \$2700
- DWELLING**
32255 NO. 2207 MARIN, Berkeley.
One-story 6-room dwelling.
Owner—Roy J. Young, 2612 Benvenue, Berkeley.
Architect—None.
Contractor—D. T. Blethroad, 1912 Channing Way, Berkeley. \$4500
- DWELLING**
3226 NO. 400 PANORAMIC AVE., Berkeley.
One-story 2-room dwlg.
Owner—Mrs. H. E. Lindsay, 300 Panoramie Ave., Berkeley.
Architect—None.
Contractor—G. A. Hann, 974 87th St., Oakland. \$1000
- FLATS**
3227 SOLANO AND PERALTA AV., Berkeley.
One-story stores and flats.
Owner—W. Walden, 894 Peralta Ave., Berkeley.
Architect—None.
Contractor—J. J. Stahl, 666 8th St., San Francisco. \$7468
- DWELLING**
3228 E BELVEDERE 242 N Ygnacio Oakland.
One-story 5-room dwlg.
Owner—Floyd E. Johnson, 668 63rd St., Oakland.
Architect—None.
Contractor—W. Livingston, 2918 Ellis St., Berkeley. \$4000
- DWELLING**
3229 S DELAWARE 160 E Laurel, Oakland.
One-story 4-room dwlg.
Owner—N. Lukas, 3402 Laurel St., Okd.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland. \$2500
- DWELLING**
3230 SE E-SIXTEENTH AND SIXTEENTH AVE., Oakland.
One-story 4-room dwelling.
Owner—John Pateus, 2228 E-21st St., Oakland.
Architect—None.
Day's work. \$2000
- DWELLING**
3231 E EIGHTY-FIFTH AVE 240 N Birch, Oakland.
One-story 4-room dwelling.
Owner—Mrs. Eleanor Holmes, 1944 85th Ave., Oakland.
- Architect—None.**
Day's work. \$2500
- DWELLING**
3232 N E-TWENTY-SECOND 100 W 27th Ave., Oakland.
One-story 5-room dwelling.
Owner—Alda and Carrie Duncan, 2604 E-22nd St., Oakland.
Architect—None.
Contractor—Clarence D. Wilson, 2215 Mitchell St., Oakland. \$3000
- DWELLING**
3233 W EVERETT 500 E Park Blvd., Oakland.
Two-story 5-room dwlg.
Owner—J. Roses, Stadium Garage, Okd.
Architect—None.
Contractor—S. G. Johnson, 4651 Dolores Ave., Oakland. \$5650
- DWELLING**
3234 W EVERETT AVE 58 S Hampel, Oakland.
One-story 5-room dwelling.
Owner—E. C. Reynolds, 1825 40th Ave., Oakland.
Architect—None.
Contractor—W. H. McOscar. \$3000
- DWELLING**
3235 S EXCELSIOR AVE bt. Had-don and Beacon, Oakland.
Two-story 7-room dwelling.
Owner—Myron Benfer, 1805 Alice St., Oakland.
Architect—None.
Day's work. \$4500
- DWELLING**
3236 E GROVE 60 S 43rd, Oakland.
One-story 8-room dwelling.
Owner—J. Clinkenbeard, 2709 Grove St., Oakland.
Architect—None.
Day's work. \$3000
- DWELLING**
3237 N HOLLYWOOD opp. San Sebastian, Oakland.
Two-story 8-room dwelling.
Owner—A. K. Harmon Jr., 1842 12th Ave., Oakland.
Architect—None.
Day's work. \$6000
- APARTMENTS**
3238 NW HAMPEL AND ARDLEY, Oakland.
Two-story 14-room apts
Owner—Albert A. Bednarz, Merrimac St., Oakland.
Architect—None.
Contractor—Jensen & Pedersen, 3413 Adeline St., Oakland. \$13,700
- DWELLING**
3239 SE KANNING AND HIGH, Oakland.
One-story 5-room dwelling.
Owner—L. L. Owen, 1618 39th Ave., Oakland.
Architect—None.
Day's work. \$2500
- DWELLING**
3240 NE NAPA AND THOMAS STS., Oakland.
One-story 5-room dwlg.
Owner—R. B. Church, 2123 Parker St., Berkeley.
Architect—None.
Contractor—Harry Ahnefeld, 2123 Parker St., Berkeley. \$5500
- DWELLING**
3241 W RHODES AVE 120 S Hopkins, Oakland.
One-story 5-room dwelling.
Owner—L. C. Simmonds, 2831 Delaware St., Oakland.
Architect—None.
Day's work. \$3000
- STATION**
3242 NW TENTH AND FALLON, Oakland.
One-story steel service station.
Owner—Standard Oil Co.
Architect—None.
Day's work. \$4000
- STORES**
3243 NW THIRTY-THIRD AVE & Foothill Blvd., Oakland.
One-story stores.
Owner—E. C. Frederickson.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland. \$4000
- DWELLING**
3244 LOT 14 ELK 2, Map Fairview Park, Oakland.
All work for two-story and basement frame dwelling and garage.
Owner—J. C. McQuilken, 6410 Regent St., Oakland.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor—Walter Murch, Federal Realty Bldg., Oakland.
Filed July 24, '32. Dated July 22, '32.
Frame up \$1826.62
Ready for lath. 1826.62
Plastered 1826.62
All work completed. 1826.62
Completed and accepted. 1826.62
Usual 55 days. 3045.70
TOTAL COST, \$12,178.00
Bond, none. Limit, 125 days. Forfeit, none. Plans and specifications filed.
- APARTMENTS**
3245 NE E-EIGHTEENTH & PARK Blvd. SE 100xNE 100, Oakland.
All work for four-story apartments. (Class C).
Owner—D. P. Kaltsas, 436 E-18th St., Oakland.
Architect—T. C. Thayer.
Contractor—Geo. A. Williams, 367 12th St., Oakland.
Filed July 24, '32. Dated July 12, '32.
1-5 2nd story joists laid. 1-5
Brown coated 1-5
Brick work completed. 1-5
Carpentry work completed. 1-5
All bills paid. 1-5
TOTAL COST, \$88,000
Bond, none. Limit, 210 days from Aug. 1. Forfeit, \$25. Plans and specifications filed.
- DWELLING**
3246 NO. 1327 BLAKE, Berkeley.
One-story 4-room dwelling.
Owner—G. N. Turner, 727½ 60th St., Oakland.
Architect—None.
Day's work. \$2400
- APARTMENTS**
3247 NO. 2445 DERBY ST., Berkeley.
Two-story 12-room apartments.
Owner—D. Rigel.
Architect—None.
Contractor—California Builders Co., 1524 Franklin St., Oakland. \$9500
- DWELLING**
3248 NO. 1727 TENTH ST., Berkeley.
One-story 5-room dwelling.
Owner—S. M. Buczyński, 1737 10th St., Berkeley.
Architect—None.
Day's work. \$2000
- DWELLING**
3249 N CHABOT ROAD 600 E Ross, Oakland.
One-story 6-room dwlg.
Owner—J. L. Rankin, 6682 Claremont Ave., Oakland.
Architect—None.
Day's work. \$3500
- DWELLING**
3250 E DIVISION 30 N Wellington, Oakland.
One-story 5-room dwlg.
Owner—Jos. E. Ferguson, 883 38th St., Oakland.
Architect—None.
Contractor—Thos. F. L. Furlong, 61 Echo Ave., Oakland. \$4500
- DWELLING**
3251 S E-SEVENTEENTH 135 W Seminary, Oakland.
One-story 4-room dwelling.
Owner—E. H. Welch, 5815 E-17th St., Oakland.
Architect—None.
Day's work. \$1600

D-WELLING

(3252) W FIFTY-FIRST AVE. bet. E-10th and E-12th Sts., Oakland. One-story 5-room dwelling. Owner—L. Mazzanti, 2447 E-14th St., Oakland. Architect—None. Contractor—Wm. A. Morgan, 3708 Alameda Ave., Oakland. \$2975

D-WELLING

(3253) S HILLCREST ROAD opp. Eucalyptus Ave., Oakland. Two-story 10-room dwelling. Owner—Frank Amano, 498 Hudson St., Oakland. Architect—None. Day's work. \$10,000

D-WELLING

(3254) N LYON AVE 146 E Harrington, Oakland. One-story 4-room dwelling. Owner—J. W. Sigwald, 3927 Agua Vista Ave., Oakland. Architect—None. Day's work. \$2500

D-WELLING

(3255) W MIDVALE AVE 120 S Hopkins, Oakland. One-story 5-room dwelling. Owner—George Wilson, 597 59th St., Oakland. Architect—None. Day's work. \$3250

D-WELLING

(3256) N NEY AVE 150 E Parker St., Oakland. One-story 4-room dwlg. Owner—Herman Pinckert, 458 38th St., Oakland. Architect—None. Day's work. \$1500

ALTERATIONS

(3257) NO. 3424 PARK BLVD., Oakland. Alterations and fire repairs. Owner—Mrs. A. Sholz. Architect—None. Contractor—E. C. Sydes, 3343 Laguna Ave., Oakland. \$2000

D-WELLING

(3258) N SANTA REY AVE 250 E Calmar, Oakland. One-story 5-room dwelling. Owner—Martin Munson, Bacon Bldg., Oakland. Architect—None. Contractor—O. M. Bullock, 303 Hudson St., Oakland. \$3300

D-WELLING

(3259) W WESLEY AVE 240 N Cleveland, Oakland. One-story 6-room dwelling. Owner—Elizabeth Auberton, 961 Walker Ave., Oakland. Architect—None. Contractor—A. A. Glantz, 4651 San Sebastian St., Oakland. \$4000

APARTMENTS

(3260) N TWENTY-FIFTH 150 W Telegraph Ave. W 40xN 100, Oakland. All work for two-story 12-room apartments. Owner—Chas. L. Miller, 522 25th St., Oakland. Architect—None. Contractor—G. A. Scott, 655 23rd St., Oakland. Filed July 25, '22. Dated July 13, '22. Frame up. \$3166
Brown coated. 3166
Completed and accepted. 3166
Usual 35 days. 8167
TOTAL COST \$12,665
Bond \$6332. Streets, C. M. MacGregor and Chas. T. Doell. Limit, 100 days. Forfeit, 7%. Plans and specifications filed.

D-WELLING

(3261) NO. 8 1/2 OXFORD, Berkeley. Two-story 6-room dwelling. Owner—H. Yeager, 2649 Derby St., Berkeley. Architect—None.

Contractor—Thos. A. Cuthbertson, 1766 12th Ave., San Francisco. \$7800

ALTERATIONS

(3262) NO. 2926 WHEELER ST. Berkeley. Alterations and additions. Owner—Thomas Steel, Premises. Architect—None. Day's work. \$2000

D-WELLING

(3263) N ALMA AVE 100 E Chatham Road, Oakland. One-story 6-room dwelling. Owner—W. J. Kittle, 708 31st St., Okd. Architect—None. Contractor—C. M. MacGregor, 470 13th St., Oakland. \$4950

D-WELLING

(3264) S E-FOURTEENTH 140 E 8th Ave., Oakland. One-story 5-room dwelling. Owner—A. E. Larson, 2328 12th Ave., San Francisco. Architect—None. Contractor—B. G. Larson, 2563 12th Ave., Oakland. \$3250

FACTORY

(3265) S E-FOURTEENTH 100 E 54th Ave., Oakland. Two-story brick, concrete and steel factory. Owner—General Elec. Co., Schenectady, N. Y. Architect—None. Contractor—Foundation Co., 58 Sutter St., San Francisco. \$90,000

GARAGE

(3266) S FORTIETH 150 W Telegraph Ave., Oakland. One-story concrete garage. Owner—M. Missevich, 621 O St., Sacramento. Architect—None. Contractor—R. O. McCline, 1315 Fruitvale Ave., Oakland. \$8500

FLATS

(3267) W GREENWOOD AVE 175 S Fleet Road, Oakland. Two-story 11-room flats. Owner—Paul Sassce, 603 Alcatraz Ave., Oakland. Architect—None. Contractor—E. Campomenosi, 5328 Lawton Ave., Oakland. \$9500

D-WELLING

(3268) S PRINCETON 129 E Vicksburg, Oakland. One-story 4-room dwelling. Owner—W. S. Legris, 1609 Seminary Ave., Oakland. Architect—None. Day's work. \$3000

D-WELLING

(3269) S SALISBURY 130 W 55th Ave., Oakland. One-story 5-room dwlg. Owner—Mrs. Bessie Clarke, 3233 E-14th St., Oakland. Architect—None. Contractor—Richmond & Amsden, 2196 Harrington Ave., Oakland. \$3000

D-WELLING

(3270) W THIRTY-NINTH AVE 500 S E-Fourteenth, Oakland. One-story 6-room dwelling. Owner—Fred and Anna McDonnell, 924 Cypress St., Oakland. Architect—None. Contractor—Chas. J. Friberg, 2176 48th Ave., Oakland. \$3500

D-WELLING

(3271) W 30 LOT 22 BLK 16, Map Boulevard Park, Oakland. All work on one-story 4-room dwelling. Owner—H. Aronsen and J. T. Nittler, 2233 Santa Rita Ave., Oakland. Architect—None. Contractor—Joseph Flittner, 1700 35th Ave., Oakland. Filed July 26, 1922. Dated July 19, '22. Frame up. \$4000
Brown coated. 4000

Completed and accepted. \$4000
Usual 35 days. 4000
TOTAL COST \$2240
Bond, none. Limit, 90 days from July 22, 1922. Specifications and plans filed.

D-WELLING

(3272) NW COR. HARRINGTON AV. and Douglas St. N. 40 W. 90, Oakland. All work on one-story 5-room dwelling. Owner—H. Aronsen and J. T. Nittler, 2233 Santa Rita Ave., Oakland. Architect—None. Contractor—Joseph Flittner, 1700 35th Ave., Oakland. Filed July 26, 1922. Dated July 19, '22. Frame up. \$4000
Brown coated. 4000
Completed and accepted. 4000
Usual 35 days. 4000
TOTAL COST \$2240
Bond, none. Limit, 90 days from July 22, 1922. Specifications and plans filed.

D-WELLING

(3273) LOT 4 MAP RUELF TRACT, Oakland. All work for one-story dwelling. Owner—Isaac S. and Elizabeth Kerdig. Architect—None. Contractor—F. C. Stolte, 3455 Laguna St., Oakland. Filed July 26, '22. Dated July 26, '22. Rafters up. \$4000
Brown coated. 4000
Completed and accepted. 4000
Usual 35 days. 4000
TOTAL COST \$5100
Bond, none. Limit, 80 days. Forfeit, \$1. Plans and specifications filed.

D-WELLING

(3274) NO. 1369 GROVE ST., Alameda. One-story 8-room dwelling. Owner—P. N. Littleton, 849 Laurel St., Alameda. Architect—None. Contractor—C. J. Pfang, 480 Forest Ave., Oakland. \$8000

D-WELLING

(3275) NO. 1616 HIBBARD, Alameda. One-story 4-room dwelling. Owner—West End Bldg., Ass'n. Architect—None. Contractor—Jensen & Federsen, 3413 Adeline St., Oakland. \$3000

D-WELLING

(3276) NO. 1604 VIRGINIA, Berkeley. One-story 5-room dwelling. Owner—Morrison, 1618 Grant St., Berkeley. Architect—None. Contractor—Jordan & Zeile, 2544 Millvia St., Berkeley. \$3250

D-WELLING

(3277) N. 1015 FRESNO ST., Berkeley. One-story 6-room dwelling. Owner—Fred L. Wayne, 1734 Tacoma St., Berkeley. Architect—None. Day's work. \$4000

D-WELLING

(3278) NO. 1600 VIRGINIA ST., Berkeley. Two-story 8-room dwelling. Owner—John Edwards, 1807 Vine St., Berkeley. Architect—None. Day's work. \$3500

D-WELLING

(3279) NO. 1201 BLAKE ST., Berkeley. One-story 4-room dwelling. Owner—E. C. Kiely, 918 Pardee St., Berkeley. Architect—None. Contractor—A. E. Orton, 6890 Trenor St., Berkeley. \$2700

D-WELLING

(3280) NO. 82 INDIAN ROCK AVE., Berkeley. Two-story 8-room dwlg. Owner—A. Shafsky. Architect—None. Contractor—Mason, McDuffie Co., Shattuck Ave. and Addison St., Berkeley. \$6000

DWELLING
(3281) NO. 86 PLAZA DRIVE, Berkeley. One-story 7-room dwlg. Owner—Dr. F. W. Mann. Architect—None.
Contractor—J. H. Wolbold, 1709 Sonoma, Berkeley. \$9006

DWELLING
(3282) NO. 400 SAN ANTONIO AVE., Berkeley. Two-story 7-room dwlg. Owner—Marry Young Hunter, 154 Hawthorne Terrace, Berkeley. Architect—F. S. Lamb.
Contractor—Thomas G. Jacques, 607 Arlington Ave., Berkeley. \$8000

DWELLING
3283 S. ASHMONT 528 W. Mandana, Oakland. 2-story 11-room dwelling.
Owner—C. Levensaler. Architect—None.
Contractor—C. A. Bradhoff, 911 55th St., Oakland. \$13,050

DWELLING
(3284) S. BROOKDALE 125 E. Kingsland, Oakland. One-story 5-room dwelling.
Owner—Karl S. Fredrickson, 542 Montclair, Oakland. Architect—None.
Day's work. \$3000

DWELLING & GARAGE.
(3285) N. BAY VIEW 700 W. Elliott, Oakland. Two-story 8-room dwelling and garage.
Owner—M. E. Baird, 1450 Alice, Oakland. Architect—None.
Day's work. \$6050

DWELLING.
(3286) N. BURN AV. 92 W. Thermal, Oakland. One-story 4-room dwelling.
Owner—True Halton, 4703 Pothill Blvd., Oakland. Architect—None.
Contractor—S. G. Ray. \$1500

DWELLING.
(3287) W. BRIDGE AV. 120 N. E.-16th St., Oakland. One-story 4-room dwelling.
Owner—Otto Rinher, 3510 Peralto St., Oakland. Architect—None.
Day's work. \$2000

FACTORY.
(3288) N. CLEMENT 450 E. High, Oakland. One-story factory.
Owner—Fornecrete Aggergate Co., 844 18th St., Oakland. Architect—None.
Day's work. \$1000

DWELLING.
(3289) W. 86th AV. 160 S. "D" ST., Oakland. One-story 4-room dwelling.
Owner—W. J. Hanner, 1921 89th Ave., Oakland. Architect—None.
Day's work. \$1800

DWELLING
(3290) N. FOURTEENTH 200 W. Peralta, Oakland. One-story 5-room dwelling.
Owner—A. Delucchi, 1623 13th St., Oakland. Architect—None.
Contractor—Samuel Moe, 2125 9th Ave., Oakland. \$3800

DWELLING
(3291) S. HANOVER 400 W. Newton, Oakland. One-story 8-room 2-family dwelling.
Owner—Louise H. Short, 574 Rosal Ave., Oakland. Architect—None.
Contractor—C. W. Short, 574 Rosal Ave., Oakland. \$6000

DWELLING
(3292) N. LOGAN 300 W. Fruitvale Ave., Oakland. One-story 5-room dwelling.
Owner—L. S. Kendig. Architect—None.
Contractor—F. C. Stolte, 3456 Laguna Ave., Oakland. \$3900

DWELLING
(3293) E. MARKET 55 N. 54th St., Oakland. One-story 5-room dwelling.
Owner—E. N. Nelson, 618 47th Ave., Oakland. Architect—None.
Day's work. \$3000

DWELLING
(3294) W. MANILA AVE 224 N. 41st, Oakland. One-story 5-room dwlg. Owner—J. F. Whalin, Federal Bldg., Oakland. Architect—None.
Day's work. \$3500

DWELLING
(3295) W. THIRTEENTH AVE 526 S. E.-28th, Oakland. One-story 5-room dwelling.
Owner—C. Hart, 6019 Shattuck Ave., Oakland. Architect—None.
Contractor—Samuel Moe, 2125 9th Ave., Oakland. \$3000

STORE.
(3296) S. 40 LOTS 1 and 2 and N. 5 lot 27 blk. C, Map Elmwood Park, Berkeley. One-story store building.
Owner—Lester R. Dray, 645 52rd St., Oakland. Architect—None.
Contractor—H. C. Prang, 480 Forest St., Oakland.
Filed July 27, '22. Dated June 12, '22.
Plastered..... $\frac{1}{2}$
Completed and accepted..... $\frac{1}{2}$
Usual 35 days..... $\frac{1}{2}$
COST, Plus 10%
Bond, none; limit, 100 days from June 12, 1922; forfeit, none; Specifications and plans filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
July 26, 1922—NE $\frac{7}{8}$ LOT 18, Al Lot 19 SW 5 Lot 20 Blk 8, Map Ausons Moss Tract, Oakland. A B MacMurty to whom it may concern.....July 20, 1922
July 26, 1922—NE $\frac{7}{8}$ LOT 21, all Lot 22 Blk 8, Map Ausons Moss Tract, Oakland. A B MacMurty to whom it may concern.....July 20, 1922
July 26, 1922—NE 20 LOT 20 and SW $\frac{1}{4}$ LOT 21 Blk 8, Map Ausons Moss Tract, Oakland. A B MacMurty to whom it may concern.....July 20, 1922
July 27, 1922—GLASSOCK AVE Spur, Oakland. Southern Pacific Co to Hutchinson Co.....July 25, 1922
July 27, 1922—LOT 11 BLK 13 Northbrae, Berkeley. A J Pollard to whom it may concern.....July 26, 1922
July 27, 1922—FIFTH & CYPRESS, Oakland. Southern Pacific Co to Hutchinson Co.....July 19, 1922
July 27, 1922—LOT 13 BLK 3, Berkeley Square Tract, Berkeley. Mrs H K Schulz to Morso & Hind.....July 18, 1922
July 26, 1922—LOT 22 BLOCK 3, Map 4th Ave. Heights, Oakland. John E. Murphy to whom it may concern.....July 24, 1922
July 26, 1922—1776 PLEASANT VALLEY AV., Oakland. A. J. Holman and Marie Holman to James E. Stewart.....July 25, 1922
July 26, 1922—LOT 10 BLK 5, Map Steiner Terrace, Oakland. Byron Lynch to James D. Fennelly.....July 14, 1922
July 25, 1922—NO. 2333 EIGHTH AV., Oakland. Noble A Hansen to F. Lloyd.....July 15, 1922
July 25, 1922—SEVENTH bet. Webster and Jefferson, Oakland. S. P. Co to Hutchinson Co.....July 15, 1922
July 25, 1922—WOOLSEY AND ADLINE, Berkeley. S. P. Co to Hutchinson Co.....July 15, 1922
July 24, 1922—LOT 82 Map Crocker Highlands, Oakland Tp. Walter E. and Jean M Kline to McVethy & Greenleaf.....July 21, 1922

July 22, 1922—NE FOLKERS AVE 59.89 NW Island Ave N W50xNE 120, Oakland. Ella A and F C Viscla to Ben F Kopf.....July 19, 1922
July 22, 1922—PTN LOTS 3 AND 4 Blk 2, State University Homestead Association No. 5, Berkeley. P E Marquis to whom it may concern.....July 21, 1922
July 12, 1922—E WALNUT 564.93 N Hearst Ave N 49x E 136.50, Berkeley. Ursula E Haydon to Emil Persons.....July 21, 1922
July 20, 1922—N COR. E-TWELFTH and 23rd Ave NE 30xSW 100, Oakland. M Berger to S Walker.....July 20, 1922
July 20, 1922—LOT 45 Map Arnold Blvd Tract, Oakland. Theodore and Hans Rasmussen to J Bernhardt.....July 17, 1922
July 20, 1922—NE E-FOURTEENTH and NW Stanley Ave NW 781.80 NE 1032.49 SE 780.90 SW 1031.69, Oakland. Durant Motor Co of California to Richard Lutge.....July 10, 1922
July 21, 1922—NO. 1233-35-37-39 Oxford St., Berkeley. W E Neiman to John Lehman.....July 21, 1922
July 21, 1922—NO. 3650 LYON AVE., Oakland. J W Sigwald to whom it may concern.....July 20, 1922
July 21, 1922—NO. 3644 LYON AVE., Oakland. J W Sigwald to whom it may concern.....July 20, 1922
July 21, 1922—NE E-FOURTEENTH and NW Stanley Ave NW 781.80 NE 1032.49 SE 780.90 SW 1031.69, Okd. Durant Motor Co to George Hudson, July 14; A K Goodmundson, July 12; Mangrum & Otter, July 15; Malott & Peterson.....July 14, 1922
July 21, 1922—W SHEFFIELD 186 S Hopkins SW 32 NW 55.37 NE 32 SE 85.391, Oakland. Alice C Peters to A A Anderson.....July 20, 1922

LIENS FILED.

ALAMEDA COUNTY

Recorded	Amount
July 26, 1922—LOT 2 BLOCK 408, Wensinger Tract, Oakland. Sunset Hardware Co vs Estate Emma M. Tittmeyer and C. H. Wood.	\$49.50
July 24, 1922—LOT 3, Map Excelsior Heights, Oakland. Hogan Lumber & Mill Co vs Lillie T. and C Earl Brooks and O M Bullock.	\$71.52

Notice of Non-Responsibility

ALAMEDA COUNTY

July 22, 1922—SW WESTERN BLVD 264.18 NW Laurel Ave SW 236.88 NW 72 NE 207.85 SW 77.63, Hayward. H W Meck Estate Inc as to improvements on property.....
July 21, 1922—NE 15 LOT 29, Al Lot 30 Blk 4 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property..

BUILDER'S BOND

ALAMEDA COUNTY

July 27, 1922—LOT 110 AND $\frac{1}{2}$ LOT 111 Blk 16, Havenscroft. Owner. George E. Peterson; contractor, R. O. McVeth; surveyor, Frank Morse Bond, \$1900. One-story 5-room concrete dwelling.

BUILDING CONTRACTS

FRESNO COUNTY

\$5,000 and Over Reported

SCHOOL BARSTOW SCHOOL DISTRICT, Fresno. All work for one-story 7-room and auditorium school bldg. Owner—Trustees of Barstow Elementary School District, Fresno.

Architect—E. J. Kump. Rowell Bldg. Fresno.
Contractor—Louis Cereghino & Son.
Filed July 20, '22. Dated July 1, '22.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$54,429
Bond, \$32,657. Sureties, G. B. Cordano and G. Mazzara. Limit, 120 working days after July 1, 1922. Forfeit, \$10. Plans and specifications filed.

HEATING SYSTEM ON ABOVE
Contractor—Barrett & Hicks, 1031 Broadway, Fresno.
Payments same as above..... \$3963
Bond, \$2380. Surety, Fidelity & Casualty Co. of New York. Limit, 120 working days from July 1, 1922. Forfeit, \$10. Plans and specifications filed.

ADDITION
TRANQUILITY UNION HIGH SCHOOL
District, Fresno. All work for one-story addition to present high school building.
Owner—Tranquility Union High School District, Fresno.
Architect—E. J. Kump. Rowell Bldg., Fresno.
Contractor—Frank Snyder, San Joaquin, Calif.
Filed July 20, '22. Dated May 22, '22.
Monthly payments..... 75%
Usual 35 days..... 25%
TOTAL COST, \$10,474
Bond, \$6284. Sureties, R. G. Deacon and J. E. Hecht. Limit, 70 working days from May 22, 1922. Forfeit, none. Plans and specifications filed.

OFFICE BLDG. Cost, \$.....
FRESNO, Fresno Co., Cal. J & Tularc Sts.
Eight-story and basement reinforced concrete and steel office building.
Owner—Fresno Bldg. & Invst. Co.
Architect and General Contractor—R. F. Felchlin Co., Bank of Italy Bldg., Fresno.
Filed July 20, 1922. Dated.....
Carpentry and Structural Steel Work and Furnishing of Material for Concrete and Brick Work awarded to R. F. Felchlin Co., Cost not to exceed, \$115,152.
Title Work to Valley Title Co., 801 Broadway, Fresno, \$3550.
Roofing to C. E. McMullin, 818 Clinton St., Fresno, \$1225.
Lathing and Plastering to MacGruber & Simpson, 266 Tehama St., San Francisco, \$33,057.
Sprinkler System to Pacific Fire Extinguisher Co., 440 Howard St., San Francisco, \$1620.
Plumbing to B. A. Newman & Co., 1927 Market St., Fresno, \$25,674.
Heating to Barrett-Hicks Co., 1031 Broadway, Fresno, \$10,598.
Electrical Wiring to T. H. Curry, 1525 Fergert St., Fresno, \$7992.
Millwork to Madary's Planing Mill, Santa Clara and H Sts., Fresno, \$25,674.
Metal Windows to United States Metal Products Co., 330 10th St., Fresno, \$7993.
Glass and Glazing to Tyre Bros. Glass Co., 1314 Broadway, Fresno, \$16,600.
Ornamental Iron Work to Sartorius Co., Inc., 15th and Utah Sts., San Francisco, \$17,490.
Reinforcing Steel to Kyle & Co., 333 G St., Fresno, \$22,228.22.
Limeoil to Van Fleet Frear Co., 61 New Montgomery St., San Francisco, \$5687.
Manufacturing Terra Cotta to N. Clark & Sons, Crocker Bldg., San Francisco, \$20,070.
Brick Work to Paul Kinder, 145 N. Van Ness, Fresno, \$12,125.
Marble Work to Vermont Marble Co., 244 Brannan St., San Francisco, \$18,800.
Concrete Work to Kaufeld & Tompkins, 2225 Fresno St., Fresno, \$10,800.
Painting to D. Zelinsky, 180 Jessie St., San Francisco, \$11,795.

DWELLING and garage, \$6800; No. 736 Weldon Ave., Fresno; owner, Sam Davidson, 1273 San Pablo Ave., Fresno; contractor, J. R. Church, 221 North 1st St., Fresno.

DWELLING, \$6500; No. 3748 Huntington Blvd., Fresno; owner, (J. H. Phillips, 735 Elizabeth St., Fresno; contractor, C. E. Buckmaster, 4112 Platt Ave., Fresno.
DWELLING, \$6500; No. 636 University Ave., Fresno; owner, A. M. Hensley contractor, E. E. Spencer, 628 Harvard St., Fresno.
HOTEL and stores, \$26,000; No. 837 G St., Fresno; owner, C. N. Miller, Central St., Fresno; contractor, F. C. Adams.
APARTMENT HOUSES (3), \$4000 each; No. 831-835 and 841 G St., Fresno; owner, C. Nilmaier, Central Ave., Fresno; contractor, F. C. Adams.

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Accepted
July 24, 1922—LOTS 4 AND 5 BLK 6, Torrance Terrace, Fresno. F. H. McGinniss to whom it may concern.....	July 22, 1922
July 21, 1922—S 80 FT EXCEPT W 48 ft of Blk 11, Hazelwood. J. M. Freeman to whom it may concern.....	July 10, 1922
July 21—LOT 5 BLK 7, ALTA VISTA, Fresno. S. B. Munson to whom it may concern.....	July 17, 1922
July 21, 1922—LOTS 9, 10, BLK 24, Alta Vista, Fresno. Theodore Anderson to whom it may concern.....	July 20, 1922
July 22, 1922—LOTS 1, 2, BLK 18, Belmont Addition, Fresno. H. A. and Della Conyers to whom it may concern.....	July 18, 1922
July 22, 1922—LOTS 1, 2, 3, BLK 6, Torrance Terrace, Fresno. H. E. and E. D. Guyn to whom it may concern.....	July 21, 1922
July 20, 1922—LOT 5 BLK 17, Alta Vista, Fresno. Fresno Bldg Cptn to whom it may concern.....	July 10, '22
July 20, 1922—LOTS 23 AND 24 BLK 18, Grand Ave Park, Fresno. Sarkis M Albarian to whom it may concern.....	July 10, 1922
July 20, 1922—LOT 9 BLK 7, Alta Vista Tract, Fresno. Emil Ahlstrand to whom it may concern.....	July 20, 1922
July 10, 1922—LOTS 8 TO 16 BLK 95, Fresno. R F Felchlin Co to whom it may concern.....	July 19, 1922
July 20, 1922—LOT 13 S 18.75 ft, Lot 12 Blk 2, Copeland Addition, Fresno. R U McIntosh to whom it may concern.....	July 19, 1922
July 20, 1922—LOTS 8 TO 16 BLK 95, Fresno. R F Felchlin Co to whom it may concern.....	July 19, 1922
July 20, 1922—LOCATION NOT GIVEN. R. C. Jeannelle to Hertzig & Orcutt.....	July 1, 1922
July 17, 1922—LOTS 34 AND 35 BLK 3, Sierra Vista Addition, Fresno. Ida M and John M Froge to whom it may concern.....	July 14, 1922
July 18, 1922—LOT 47, E ½ Lot 48 Blk 12 College Addition, Fresno. Mary J Fitzgerald to whom it may concern.....	July 17, 1922
July 18, 1922—LOT 19 BLK 6, Boulevard Gardens No. 2, Fresno. O W Wood to whom it may concern.....	July 17, 1922
July 18, 1922—LOTS 31 AND 32 BLK 5, Dean Park, Fresno. W W Barnett to whom it may concern.....	July 17, 1922

LIENS FILED

FRESNO COUNTY

Recorded	Amount
July 25, 1922—LOT 6 BLK 10, Alta Vista, Fresno. Barrett & Hicks vs C F O Ahlberg and Paul S Guinn.....	\$124
July 25, 1922—LOTS 11 AND 12 S 34, 18-17, Fresno. A-B Metcalf vs	

Fresno Farms Co & John Vedenoff..... \$107
July 22, 1922—LOT 6 BLK 10, ALTA Vista Tract, Fresno. Carl F Ahlberg v. Paul S. Quinn..... \$794
July 21, 1922—LOTS 1, 2, BLK 15, Blackstone Villa, Fresno. John Riggs v. Serena M. Beckroon..... \$146
July 20, 1922—N ½ OF SEC. 2, 21-14, Fresno. D E Byers vs W H Sherrod..... \$1123
July 20, 1922—LOTS 1, 2 AND 3 BLK 58, Fowler. Fowler Lumber Co vs M Hirasuna and Frank Allen..... \$326

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

\$2500 and Over Reported

SEWERING, ETC.
MAIN AND HUNTER STS., Stockton. Sewering, etc., on building. Owner—Morris & Max Levy, 206 E Main St., Stockton.
Architect—None.
Contractor—Louis Brandt et al, 318 E Lafayette St., Stockton.
Filed July 20, '22. Dated June 2, '22.
TOTAL COST, \$2224
Bond, none. Limit, 60 working days. Forfeit, plans and specifications, none.
Flats and Garage, \$9300; N Aurora St., Stockton; owner, Mrs. A. Comicia, Stockton; day's work.
RESIDENCE and garage, \$5000; W Ash St., Stockton; owner, Mrs. A. Hopkins, 146 W Ash St., Stockton; day's work.
RESIDENCE, \$3400, N East St., Stockton; owner, W. E. Jones, Stockton; day's work.
REMODEL for Bats, \$2500; W Market St., Stockton; owner, Frank Rossi and Rossa Fossano, 234 W Market St., Stockton; day's work.
RESIDENCE, \$3000; E Park St., Stockton; owner, Mrs. H. Davidson, McKinley Ave., Stockton; day's work.
RESIDENCE, \$2500; E Washington St., Stockton; owner, G. Ghigliari, Stockton; day's work.
RESIDENCE and garage, \$7200; N Baker St., Stockton; owner, Jos. Busalacchi, 519 N. Lincoln St., Stockton; day's work.
RESIDENCE and garage, \$15,500; N Hunter St., Stockton; owner, Mrs. John Milco, 312 N Hunter St., Stockton; day's work.
RESIDENCE and garage, \$12,000; W Poplar St., Stockton; owner, C. A. Gustafson, Stockton; day's work.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded	Accepted
July 17, 1922—PTN SEC. 18, C. M. Weber's Grant, Stockton. Lui Bissio to whom it may concern.....	July 17, 1922
July 22, 1922—LOT 2 BLK 3, Yosemite Terrace, Stockton. R B Thomas to whom it may concern.....	July 18, 1922

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2500 and Over Reported

DWELLING
N ½ Lot 1655 S ½ Lot 1654 W. & K Tract No. 24, Sacramento. All work for four-room frame dwlg. Owner—Harry J. Devine, 1009 J St., Sacramento.
Architect—None.
Contractor—Chas. Peterson.
Filed July 21, '22. Dated June 21, '22.
TOTAL COST, \$3964
Bond, limit, forfeit, plans and specifications, none.

RESIDENCE

N ½ LOT 1923 and S ½ LOT 1934 W & K Tract, Sacramento. All work for residence.
Owner—Geo. C. Sellen & Co., Mitau Bldg., Sacramento.
Architect—None.
Contractor—Thos. Scollan & Co., La-tourrette-Fical Co., Shorrock Smith Hardware Co. and Harry W. Robertson.

Filed July 21, '22. Dated July 20, '22.

TOTAL COST, \$8500
Bond, limit, forfeit, plans and specifications, none.

ALTERATIONS

NO. 1818 T ST., Sacramento. All work for remodeling house.
Owner—W. B. and Maude Gelsner.
Architect—None.
Contractor—Herndon & Finnegan, 1814 17th St., Sacramento.
Filed July 21, '22. Dated July 20, '22.

TOTAL COST, \$6800
Bond, limit, forfeit, plans and specifications, none.

DWELLING, one-story 5-room, \$3000; No. 1865 49th St., Sacramento; owner, J. A. Hillyard, 915 16th St., Sacramento; day's work.

2 DWELLINGS, \$3000 each; 406 and 414 30th St., Sacramento; owner, W. E. Trainer, 813 J St., Sacramento; contractor, E. D. Brier, 813 J St., Sacramento.

DWELLING, 1-sto. 6-rm., \$5500; 1046 42nd St., Sacramento; owner, W. A. McElvaine; contractor, E. D. Brier, 813 J St., Sacramento.

DWELLING, two-story 5-room, \$9090; No. 2101 J St., Sacramento; owner, A. Fonton, 818 13th St., Sacramento; contractor, J. A. Saunders, 2810 J St., Sacramento.

DWELLING, two-story nine-room, \$9800; No. 1001 44th St., Sacramento; owner, R. A. Peckett, 2180 G St., Sacramento; contractor, J. A. Saunders, 2810 J St., Sacramento.

BANK BLDG., one-story; \$55,000; No. 558 K St., Sacramento; owner, Bank of Italy, 1112 7th St., Sacramento; architect, Geo. C. Sellen, Mitau Bldg., Sacramento; contractor, K. E. Parker Co., Clunie Bldg., San Francisco.

COMPLETION NOTICES

SACRAMENTO COUNTY.

Recorded July 19, 1922.—LOT 1741 and S ½ LOT 1742 W & K Tract No. 24, Sacramento. Oscar Ettinger to whom it may concern.....Marcho 7, 1922
July 19, 1922.—LOT 1, Elmhurst, Sacramento. Mathew Neil and Mary C (ux) to J W. Brown.....July 8, 1922

BUILDING CONTRACTS

SANTA CLARA COUNTY

\$1000 and Over Reported

SHADES, ETC.
SANTA CLARA. Window shades installed complete, including metal guides, etc., for school building. Owner—Santa Clara High School Dist., Santa Clara.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Stewart School Supply Co., Rialto Bldg., San Francisco.
Filed July 18, '22. Dated June 26, '22.
As work progresses.....75%
Usual 35 days.....25%
TOTAL COST, \$1235
Bond, \$1235. Surety, Maryland Casualty Co. Limit, 35 working days from June 26, 1922. Forfeit, none. Specifications only filed.

STORE BLDG.

SAN JOSE. All work for one-story frame store building.
Owner—Lizzie and Arthur Stenro, 500 N-17th St., San Jose.
Architect—W. H. O'Neill, 500 N-15th St., San Jose.

Contractor—C. V. Brown, 521 N-16th St., San Jose.

Filed July 18, '22. Dated July 18, '22.
When contract signed.....\$1250
August 1150
August 16100
September 15150
October 15100
November 1550
TOTAL COST, \$1800

Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

COTTAGE

SAN JOSE. All work for one-story frame cottage.
Owner—Mrs. M. Morrow, San Jose.
Architect—Chas. S. McKenzie, Back of San Jose Bldg., San Jose.
Contractor—T. J. Scherrebeck, Alum Rock Ave., San Jose.

Filed July 20, '22. Dated July 17, '22.
Frame erected\$615
1st coat plaster in.....615
Upon completion615
Usual 35 days.....615
TOTAL COST, \$2400

Bond, \$3000. Sureties, Chas. W. Brown and H. H. Newlin. Limit, 60 working days from the date of commencement. Forfeit, none. Plans and specifications filed.

PLUMBING

LOS GATOS. Plumbing work for school building.
Owner—Los Gatos School District, Los Gatos, Calif.

Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
Contractor—Fred Berryman & Son, Los Gatos.

Filed July 19, '22. Dated June 26, '22.
Rough plumbing in.....\$2390
Finished and accepted.....1445
Usual 35 days.....1445
TOTAL COST, \$5780

Bond, \$5780. Surety, Maryland Casualty Co. Limit, 120 working days from June 26, 1922. Forfeit, \$2. Specifications only filed.

COTTAGE

NEAR MT. VIEW. All work for one-story frame cottage.

Owner—A. A. Cantin, 68 Post St., San Francisco.

Architect—A. A. Cantin, 68 Post St., San Francisco.

Contractor—Carl Lindholm, Mt. View.
Filed July 21, '22. Dated July 19, '22.
Frame up and rafters on.....\$648.25
Ready for plastering.....648.25
Plastering and stucco work finished548.25

Completed and accepted.....548.25

Usual 35 days.....731.00

TOTAL COST, \$2924.00
Bond, \$1500. Sureties, Frank Humphreys and Earl D. Minton. Limit, 60 working days from July 19, 1922. Forfeit, none. Plans and specifications filed.

COTTAGE, \$2800; 982 9th St., San Jose; owner, M. Miles, 1250 Plum St., San Jose; contractor, E. L. Slaght, 732 S. 9th St., San Jose.

HOUSE, 2-part 6-rm., \$3250; 9th and Julian Sts., San Jose; owner, Jennie F. Harlan, 1049 E. Santa Clara St., San Jose; day's work.

ADDITION, \$1400; 392 E. Santa Clara St., San Jose; owner, A. Apple; contractor, J. Ennis, 394 E. Santa Clara St., San Jose.

COTTAGE, \$2500; 734 Josefa St., San Jose; owner, Madalene Leneen; contractor, J. Garcia, Route 1, San Jose.

COTTAGE, \$5500; 98 S 16th St., San Jose; owner, Wm. J. Mason, 177 S. 8th St., San Jose; contractor, E. E. Arnott.

COTTAGE, \$1400; Orchard and Virginia Sts., San Jose; owner, P. Durso, 759 Orchard St., San Jose; contractor, John Caserta.

HOUSE, 6-rm., 2-part, \$6600; 11th and St. John St., San Jose; owner, A. Lorenzana, 207 Luha Apts., Apt. 2, San Jose; architect, Chas. McKenzie, 511 E. 6th St., San Jose; contractor, A. Anderson, 138 N. 10th St., San Jose.

ALTER. rea. to apta., \$7800; San Fernando and 5th Sts., San Jose; owner, C. Waterbury, 333 N. 12th St., San Jose; architects, Binder & Curtis, 257 S. 1st St., San Jose; contractor, H. Jorgensen, 160 Irving St., San Jose.

WAREHOUSE, \$6000; 8th near Jackson St., San Jose; owner, California Packg. Corp., 51 San Fernando St., San Jose; day's work.

BUSINESS BLDG., 2-sto., \$41,715; Market near Santa Clara St., San Jose; owner, Central Improvement Co., architect, J. Wolfe & Higgins, Augeras Bldg., San Jose; contractor, D. J. Byron, 544 S. 7th St., San Jose.

COTTAGE, \$3400; 11th and San Salvador Sts., San Jose; owner, C. C. West, 321 E. Santa Clara St., San Jose; day's work.

3 COTTAGES, 5-rm., \$2500 each; Atlanta near Delmas St., San Jose; owner, Wm. Regal, 344 S. 15th St., San Jose; day's work.

COMPLETION NOTICES

SANTA CLARA COUNTY.

Recorded July 20, 1922.—GILROY. L. L. Whitehurst to whom it may concern.....July 17, 1922
July 20, 1922.—GILROY. L. L. Whitehurst to whom it may concern.....July 17, 1922
July 20, 1922.—GILROY. L. L. Whitehurst to whom it may concern.....July 17, 1922
July 20, 1922.—NEAR SAN JOSE. Ned C. and Sadie P. Griffin to M. Perline.....July 11, 1922
July 18, 1922.—SAN JOSE. Wm. H. Norman to whom it may concern.....July 17, 1922
July 18, 1922.—SAN JOSE. Walter S. Thompson to E. J. Smith.....July 17, 1922
July 18, 1922.—PALO ALTO. Carol D. Cranston and Jessie E. Smith to whom it may concern.....July 12, 1922
July 18, 1922.—SAN JOSE. Wm. H. Norman to whom it may concern.....July 17, 1922
July 18, 1922.—SAN JOSE. Walter S. Thompson to B. J. Smith.....July 17, 1922

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BUILDING CONTRACTS

SAN MATEO COUNTY

DWELLING, ETC.
WOODSIDE, near Redwood City. All work for one-story summer house and garage.

Owner—J. B. Crowley
Architect—None
Contractor—Louis N. Pollard, 55 Brewster St., Redwood
Filed July 21, '22. Dated July 21, '22
Roofed \$825
Plastered 825
Completed 825
Usual 35 days 825
TOTAL COST, \$3300
Bond, \$1950. Sureties, W. P. Gray and Z. T. Thorning. Limit, forfeit, none. Plans and specifications, none.

DWELLING
LOT 4 REESE SURDYN, Redwood City. All work except painting for frame dwelling.
Owner—W. J. Chester, Redwood City.
Architect—None.
Contractor—Arthur Payne, Oak Knoll, Redwood City.
Filed July 21, '22. Dated July 19, '22.
Framed 20%
Ready for plaster 25%
Completed 30%
Usual 35 days 25%
TOTAL COST, \$2951
Bond, none. Limit, 30 days. Forfeit, plans and specifications, none.

BUNGALOWS
PTN LOTS 59 AND 40 BLK 95, South San Francisco. All work for two one-story bungalows.
Owner—Henry R. Viette, 207 Grand St., South San Francisco.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny, St., San Francisco.
Filed July 21, '22. Dated May 28, '22.
Payments No. 1
Rafters up \$563.75
Plastered 563.75
Completed 563.75
Usual 35 days 563.75
TOTAL COST, \$2255.00
Payments No. 2
Rafters up \$678.75
Plastered 678.75
Completed 678.75
Usual 35 days 678.75
TOTAL COST, \$2716.00
Bond, \$1127.50. Sureties, J. D. McGilvery and J. H. Pinkerton. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW
LOT 12 BLK 123, South San Francisco. All work for one-story bungalow.
Owner—John O. and Minnie C. Larsen.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny, St., San Francisco.
Filed July 21, '22. Dated May 23, '22.
Rafters up \$606.25
Plastered 606.25
Completed 606.25
Usual 35 days 606.25
TOTAL COST, \$2425.00
Bond, \$1212.50. Sureties, J. D. McGilvery and J. H. Pinkerton. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW
PTN LOTS 22 AND 33 BLK 102, South San Francisco. All work for one-story bungalow.
Owner—Helen E. and Israel Hostau.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny, St., San Francisco.
Filed July 21, '22. Dated May 23, '22.
Rafters up \$662.50
Plastered 662.50
Completed 662.50
Usual 35 days 662.50
TOTAL COST, \$2650.00
Bond, \$1325. Sureties, J. D. McGilvery and J. H. Pinkerton. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

Gilvery and J. H. Pinkerton. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW
LOT 28 BLK 117, South San Francisco. All work for one-story bungalow.
Owner—Daniel M. Brereton.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny, St., San Francisco.
Filed July 21, '22. Dated May 23, '22.
Rafters up \$662.50
Plastered 662.50
Completed 662.50
Usual 35 days 662.50
TOTAL COST, \$2660.00
Bond, \$1325. Sureties, J. D. McGilvery and J. H. Pinkerton. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW
LOT 24 BLK 101, South San Francisco. All work for one-story bungalow.
Owner—Stephen B. Hughes, 228 Townsend St., San Francisco.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny, St., San Francisco.
Filed July 21, '22. Dated May 23, '22.
Rafters up \$703.75
Plastered 703.75
Completed 703.75
Usual 35 days 703.75
TOTAL COST, \$2816.00
Bond, \$1407.50. Sureties, J. D. McGilvery and J. H. Pinkerton. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW
PTN LOT 19 BLK 126, South San Francisco. All work for one-story bungalow.
Owner—Fanny C. and John F. Bertelsen.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny, St., San Francisco.
Filed July 21, '22. Dated May 23, '22.
Rafters up \$590.35
Plastered 590.35
Completed 590.35
Usual 35 days 590.35
TOTAL COST, \$2361.40
Bond, \$1180.70. Sureties, J. D. McGilvery and J. H. Pinkerton. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW
LOT 10 BLK 1, High School Park Addition, South San Francisco. All work for one-story bungalow.
Owner—Attilio Siveri.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny, St., San Francisco.
Filed July 21, '22. Dated May 23, '22.
Rafters up \$741.15
Plastered 741.15
Completed 741.15
Usual 35 days 741.15
TOTAL COST, \$2967.00
Bond, \$1483.50. Sureties, J. D. McGilvery and J. H. Pinkerton. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BUNGALOWS
PTN LOTS 3 AND 4 BLK E and Ptn Lots 2 and 3 Blk T; Ptn Lots 4 and 3 Blk T; Ptn Lots 4 and 5 Blk E, South San Francisco. All work for four one-story bungalows.
Owner—South City Salt Co.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny, St., San Francisco.
Filed July 21, '22. Dated May 23, '22.
Rafters up \$2150
Plastered 2150
Completed 2150
Usual 35 days 2150
TOTAL COST, \$8600
Bond, \$4300. Sureties, J. D. McGilvery and J. H. Pinkerton. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW

PTN LOT 11 BLK 126½, South San Francisco. All work for one-story bungalow.
Owner—Annie M. Cunningham.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny, St., San Francisco.
Filed July 21, '22. Dated May 23, '22.
Rafters up \$537.50
Plastered 537.50
Completed 537.50
Usual 35 days 537.50
TOTAL COST, \$2160.00
Bond, \$1075. Sureties, J. D. McGilvery and J. H. Pinkerton. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BUNGALOWS

PTN LOT 38 BLK 82; Ptn Lots 15 and 16 Blk 94; Ptn Lot 8 Blk 83; Ptn Lots 5 and 6 Blk 7, High School Park; Ptn Lot 2 Blk 129 and Ptn Lots 7 and 8 Blk 83, South San Francisco. All work for seven one-story bungalows.
Owner—E. C. Peck Investment Co., South San Francisco.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny, St., San Francisco.
Filed July 21, '22. Dated May 23, '22.
Rafters up \$4446.80
Plastered 4446.80
Completed 4446.80
Usual 35 days 4446.80
TOTAL COST, \$17,786.00
Bond, \$8893. Sureties, J. D. McGilvery and J. H. Pinkerton. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
July 26, 1922—SW BROADWAY AND Vancouver Ave., Burlingame. Burlingame Grammar School to C A Buck. July 8, 1922
July 26, 1922—LOT 12 BLK 11, Burlingame Sub., City of Burlingame. James B Oswald to C H Bessett & James B Oswald. July 26, 1922

LIENS FILED

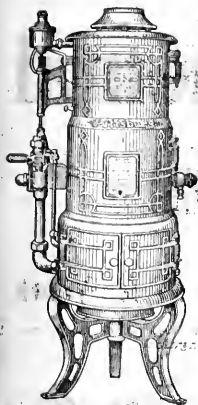
SAN MATEO COUNTY

Recorded Amount
July 17, 1922—LOTS 12 AND 18 BLK 45, Town of Burlingame. Cadwallther-Gibson Co vs August Belforge et al \$219.14

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, \$3500; S Barrett bet. 13th and 14th Sts., Richmond; owner, W. B. Craue, SW 6th & Chanslor Sts., Richmond; contractor, N. E. Anderson, 2030 Roosevelt St., Richmond.
DWELLING, one-story frame, \$2200; N Orchard Ave. near San Pablo, Richmond; owner, F. L. Avery, 5987 Orchard Ave., Richmond; contractor, N. E. Anderson, 2030 Roosevelt St., Richmond.
COTTAGE, one-story frame, \$2600; S Wall bet. 49th and 50th Sts., Richmond; owner, S. Garlette, 3576 Wall St., Richmond; day's work.
DWELLING, one-story frame, \$5000; Lowell St. bet. 21th and 26th Sts., Richmond; owner, Herbert Brown, Inc., 23rd and Macdonald Ave., Richmond; contractor, The Miner Co., 2234 Macdonald Ave., Richmond.
DWELLING, one-story frame, \$4000; E-Eighth St., bet. Barrett and Ripley Sts., Richmond; owner, E. Lindenberg, 3rd and Nevil Sts., Richmond; contractor, K. J. Henning, 646 43rd St., Richmond.



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Publication Office
560 Mission Street

SAN FRANCISCO, CALIF., AUGUST 5, 1922

Published Every Saturday
Twenty-second Year No. 31

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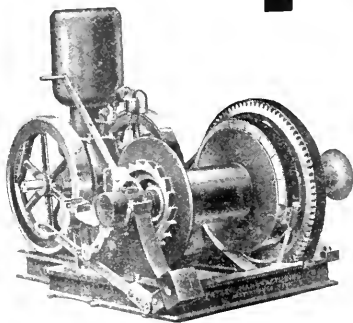
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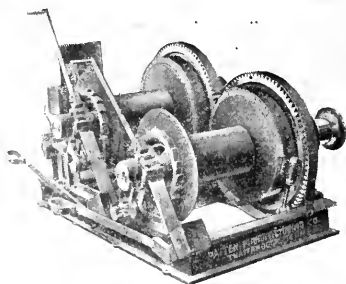
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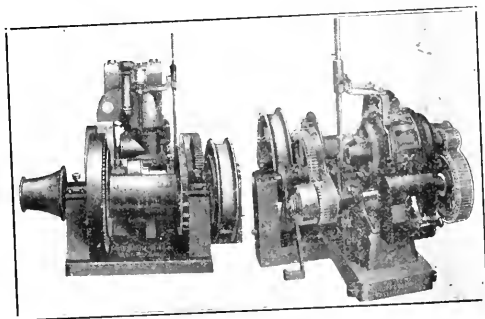


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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., AUGUST 5, 1922

Twenty-second Year No. 31



No. 560 Mission Street,
San Francisco, Calif.

MRS. L. A. LARSEN, Publisher
J. P. FARRELL, Managing Editor

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SACRAMENTO ARCHITECTS' CLUB TO FEATURE HOMES DISPLAY

The successful launching of an architects and engineers' club in Sacramento which expects to establish headquarters in clubrooms to be fitted up on the second floor of the Meister Building, 912 Ninth St., has given new impetus to the Complete Homes Display which it is proposed to install in the same building when remodeling is completed.

The club hopes to become headquarters for architectural and engineering information and a place where lectures by local leaders of the profession and by men sent out by the University of California Extension Department may be given during the fall and winter months. A secondary consideration will be the social activities planned to bring about a better fellowship among the members. Some 50 members already have been secured, and it is hoped to increase this number to 400.

Along with the club, but under a separate management, will be installed on the same floor a building and material exhibit in which will be displayed local products going into the construction of homes, building materials and fixtures of all kinds.

The purpose of the display is declared to be an illustration of various types of homes and home furnishings at standard schedules of cost and in a manner so practical as to prove a sound and dependable guide to prospective home owners. It is hoped the display may be so attractive as to inspire the desire for home ownership and convince visitors of the financial feasibility of home ownership.

INCREASING PRICES OF BUILDING MATERIALS MAY CHECK NATIONAL- WIDE BUILDING BOOM

Officials at Washington, D. C., are giving close attention to a rising market in prices of building materials to determine whether it is a result of increased demand or manipulation by dealers.

Increasing prices of materials have a tendency to check the national-wide building boom now in full swing and which is expected to bring about the construction this year of at least \$6,000,000,000 worth of new homes, apartments and office buildings. Should this boom continue throughout 1922 it would make a big dent in the nationwide housing shortage and tend to reduce high rental levels.

The level of wholesale prices of building materials rose 4 per cent during June, according to an announcement just made by the Department of Labor. The department constructs an index of prices based on monthly reports from many sections of the United States and dealing with brick, lumber, steel and other principal building materials.

The wholesale price level of principal materials is approximately 67 per cent above the pre-war level, the official reports show. In March it was down to 55 per cent above 1913, while a year ago it stood at 63 per cent. The level has been subject to violent fluctuations for more than a year.

The present building boom began to develop late in the summer of 1921. It has been growing steadily more pronounced for more than ten months. Contracts for new building are being made at the rate of approximately \$500,000,000 worth a month, it is indicated in reports to the Federal Reserve Board.

In practically every section of the country building is going on at a rate heretofore unknown. In some localities not enough workmen can be obtained to carry out contracts entered into between builders and those planning homes.

Government officials understand, they say, that the present rapid increase in building would have a tendency to boost prices of materials according to the law of supply and demand. But they are not convinced that the present rapid rise in wholesale prices of materials is due entirely to increased demand. There is a suspicion that in some instances prices have been manipulated deliberately. Should evidence be discovered to support this suspicion, anti-trust proceedings may be undertaken, officials warn.

STOCKTON BUILDERS' EXCHANGE WANTS CITY HALL AND AUDI- TORIUM LIT IN TWO CONTRACTS

The Stockton Builders' Exchange, represented by a committee composed of E. H. Riley, O. H. Chain and W. F. O'Keefe, at a recent meeting of the Stockton city council, urged that body to let contracts for the proposed auditorium and city hall buildings as a whole and not through the segregated contract system. The contention of the committee is that the city will save money by having a contract figure available covering all construction before actual work starts. It was fur-

ther contended that money would likely be lost if the work is divided into small contracts issued at various times or shortly before actual construction of that portion of the work is started. Segregated contracts for heating, electric work or plumbing, however, were agreed to by the Exchange committee. As no report was available from the architects who are completing plans for the city hall and auditorium structures no action was taken by the council.

S. F. BUILDERS' EXCHANGE VOTES FOR PERMIT SYSTEM

The American shop permit plan will continue to receive the support of the San Francisco Builders' Exchange. A formal motion to abolish the system was overwhelmingly defeated August 1 at a mass meeting attended by 1300 members of the exchange.

The meeting was called at the request of fifty members, who declared themselves in favor of securing a vote of the membership, as a result of the recent conspiracy in restraint of trade charges preferred against local building supplies contractors at the instigation of the Building Trades Council.

After a forty-minute discussion of the advantages of the American plan, during which only two members spoke against it, the debate was closed and a roll call was ordered by President William H. George. When thirty-eight votes had been recorded, with only one in favor of abandonment, the members insisted upon an oral vote. The result was a unanimous decision in favor of continuing the present system.

SAN FRANCISCO BUILDING FOR JULY TOTALS \$3,024,036

Building operations in San Francisco for the month of July, just closed, total \$3,024,036, according to the monthly report of John P. Horgan, chief inspector of buildings of the board of public works. During the month a total of 595 building permits were issued.

The figures for the past month, compared with the corresponding period for 1921, show a gain of \$2,023,796 and losses of \$969,684 for April, \$1,353,936 for May and \$312,665 for June of this year. The number of permits also show a loss. In April of this year 766 permits were issued; in May, 786 and in June, 648.

The following is a tabulated report of the activities for the month of July, just closed:

Class.	No. Permits.	Est. Cost.
A	1	\$50,000
C	22	727,550
Frames	190	1,105,336
Alterations	381	264,785
Harbor buildings	1	76,365
Total	595	\$3,024,036

Fire loss adjustments made by insurance companies in the United States and Canada during the past fourteen years amounted to \$3,410,752,600. The average yearly loss was \$243,625,200. The loss for 1920 was \$330,853,925.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

ALONG THE LINE



The effect of the coal shortage on industrial operations, already noticeable in reports from New York stating that some of the large steel mills will probably have to shut down unless the coal strike is settled within the next few weeks, is also being felt by the cement industry and the difficulty of obtaining coal has caused a number of plants to cease operations for the time being. A statement issued by the Portland Cement Association in Chicago points out that the cement industry is the fourth largest consumer of coal in the country, over seven million tons being consumed at cement mills every year. Many of the mills have been having difficulty in securing coal for some time. With the regular source of supply shut off by the strike the mills have been forced to secure coal from more distant mines, at higher prices and a longer haul. As many of these sources are now cut off the situation has become acute, and unless the strike adjusts itself in a few weeks more of the plants will be closed or operated on part time.

Coming at a time when the country is experiencing one of the greatest building booms in its history, a shortage of cement would have a serious effect on every class of construction operation. As cement enters into practically every building that is erected the cutting off of the cement supply through the coal strike would tie up many of the building projects. A similar effect would be felt by the road construction industry, as cement is used in a large majority of highway programs.

In addition to the coal strike, the railroad strike has a direct effect on the cement supply. The equivalent of 377,000 box cars of 50-ton capacity each were required to haul last year's cement output to the consumer, and if the strike ties up transportation it will be impossible to get the cement shipped to the points where it is needed. Incidentally, the textile strike, if it ties up the production of the textile mills, would have a serious effect on the cement industry, as thirty million new cloth sacks are needed every year by the cement mills. These sacks require an immense amount of cloth—the strips 36 inches wide and over 17,000 miles long—and if the mills were unable to supply the cloth for sacks it would be a difficult matter to handle the cement orders.

The California Marble Co. of San Francisco has been permitted by the State Corporation Department to sell 10 shares of its capital stock to Louis Bartlett in exchange for legal services; 120 shares of preferred and 120 shares of common capital stock to Jonathan E. Webb in exchange for \$12,000 cash, and to sell 40 shares of preferred and 20 shares of common in units of one share of preferred and one-half share of common at \$100 per unit. The shares issued to Bartlett and the shares issued to Webb are to be escrowed.

Persons who subscribe funds for building projects must expect to pay. This is the ruling of the court in a suit brought by Mercy Hospital, a corporation of Merced, Calif., against O. Klehman to compel payment on a subscription to a \$50,000 fund for erection of a hospital building. The suit was a test case to determine the responsibility of those who had subscribed for stock as it is necessary that all money shall be paid in before the project is started.

Building permits issued in Sacramento during the month of July totaled \$367,858, according to Ben H. Covell, building inspector. During the month permits were granted for 34 month permits, costing \$127,630, one-story dwellings, costing \$127,630, and four one-family buildings, two stories in height, costing \$33,050. The totals of the past month show an increase of \$184,441 over the same period for the year 1921. During the past six months 1872 permits were granted having a total valuation of \$5,571,181.

Geneva Watson has rented quarters at 910 Ninth St., Sacramento, and will maintain a permanent building exhibit. All types of building materials will be on display and attendants will be available at all times to assist the visitor. The exhibit will be known as the Sacramento Builders' Free Exhibit and will open August 15.

The Decora Manufacturing Co. of Richmond, organized for the purpose of acquiring from its two incorporators the business heretofore conducted by them for the manufacture of patented air brushes, air brush equipment and the sale of paints, varnishes, etc., is permitted by the State Corporation Department to issue 500 shares of its capital stock, par value \$100, for the assets of the business and to sell 250 shares to its incorporators at par for cash.

Lal Singh, a native of India and a graduate of the University of California with the class of 1921, will return to the Punjab soon, where he will introduce modern American machinery into the agriculture of that country, building up a new market for the product of American factories as well as improving the life and conditions of his countrymen. Singh has also pursued graduate work in the University of California, receiving the degree of Master of Science in May, 1922.

Frank C. Drum, vice-president of the Mercantile Trust Co., San Francisco, for \$30,000 has purchased ten miles of standard-gauge railroad running from Chowchilla, on the line of the S. P., in Madera county to dairy land on the Chowchilla ranch. The road, known as the Chowchilla Pacific Railway Co., cost \$105,827, and has been operated at a loss. Drum declares he has taken over the road largely for its junk value.

The Spaulding Lumber Co., Porterville, Cal., has sold the property formerly occupied by the Porterville Lumber Company to Leighroy Miller and associates, who plan the erection of a cold storage warehouse. The site runs along the S. P. tracks at the west end of Mill street. Preliminary plans for the structure have already been made.

(Continued on Page 6)

San Francisco will be the headquarters of the Foremost-Engineering Corporation, a power plant equipment manufacturing concern of New York. It is announced by Milton Kraemer, president of the company, who is negotiating with San Francisco engineering interests for the purpose of establishing direct relations with the East in the development of Western irrigation, hydro-electric, water power and industrial projects.

Chico city trustees contemplate purchase of privately-owned water system through a bond issue for \$475,000, of which \$275,000 is to purchase the Chico Water Supply Co. and the remaining \$200,000 for the purchase, if the city sees fit, the Steffen & White water systems, the extensions of mains, etc., in every section of the city.

Richmond Builders' Exchange, L. C. Dexter, secretary, has opened employment office to solve the labor shortage in Contra Costa county. Heretofore it was necessary to call on the Oakland Exchange to send men required for building projects in the Richmond section.

"Storm Sewers Prevent Flooded Streets" is the title of a booklet issued by the W. S. Dickey Clay Mfg. Co. manufacturers of clay products, of Kansas City, Mo.

Col. James S. Scrugham, Nevada State engineer and a member of the Nevada Public Service Commission, has filed his candidacy for the Democratic nomination for Governor of that State.

The California Ice Machine Co. has been incorporated in Oakland with a capital stock of \$75,000. Directors: M. M. Rosenberg, L. Schwartz, F. W. and John Telford.

Porterville Chamber of Commerce backing movement to have electric lighting system installed in Main St., between Morton and Olive; estimated cost, \$14,000.

The National Lumber Manufacturers' Association will spend \$200,000 in advertising urging the use of lumber in the various industries and in construction work.

C. T. Bradley has been named secretary of the Marysville Builders' Exchange, with headquarters at Second and High Sts., Marysville.

The Fresno Builders' Exchange, W. Crouch, secretary, has opened quarters at 2133 Kern St.

Charles M. Sydenstricker, Sacramento contractor, died in that city July 28th.

Plumbers at Sebastopol have organized to improve conditions in the plumbing industry.

PLANS STARTED FOR FRESNO AMUSEMENT PARK

Plans are being prepared in the Fresno office of Ellery, Frost and Patten, San Francisco engineers, for the Green Mill Amusement Park to be constructed in Fresno at a cost of \$350,000.

The site of the project, comprising eighteen acres adjacent to Reeding Park, is just outside the Fresno city limits on the highway. The city electric line and Southern Pacific will be means of transportation.

The main building will cover a ground area of 250 by 125 feet and will be of brick and concrete construction. It will contain a dining room providing accommodations for 750 persons with dance hall, booth surrounding the hall for billiard rooms, rest rooms, children's playrooms, bowling alleys and shower rooms. A large conservatory, 100 by 100 feet, will be constructed connecting the dining hall, this structure to be used for conventions. The interiors of both buildings will be finished in matched lumber. An ice cooling and steam heating system will be installed. An indirect lighting effect, one of the latest revolutionary type will be used. An ice making and cooling plant, a large oil filling station and parking sheds capable of housing 1900 automobiles are included. At the rear of the main building the largest swimming tank in the state will be constructed. Eleven acres of ground have been given over to amusement concessions all of which will be constructed under the personal supervision of Mr. Byron T. Patten in charge of the Fresno office.

PROPERTY IN IRRIGATION DISTRICT HELD TO BE TAXABLE

Property included in an irrigation district, though bid in by the county for delinquent general taxes or by the district for district assessments, continues as taxable property liable for the bonds of the district and must be assessed to the county or the district, which must pay the taxes thereon, the Supreme Court (Olympia, Wash.) held, affirming Judge C. H. Neal in Superior Court of Stevens county in the case of the State ex rel. M. C. Clancy and others versus the Columbia Irrigation District of Stevens county.

In this district, which differs from the usual irrigation district in that much of the property is platted city property, about 50 per cent of the property has been bid in by the county for delinquent taxes, and about 18 per cent by the district for delinquent assessments, leaving only about 32 per cent of the property in private ownership.

Clancy and others as bondholders sought to establish the liability of the entire district for the outstanding bonds, interest on which had not been paid for several years. The court directs that an assessment sufficient to pay all delinquent interest, with added interest for delinquency, be made and that any deficit in interest incurred in the current year be provided for in the second year's levy.

The decision also establishes that both the county and the district as landowners in the district have the same status as private owners with relation to levying assessments against their holdings. The decision of the lower court is modified to the extent that the method of assessment applying at the time the bonds were issued, being the method of valuation by the county assessor for State and county purposes, shall be continued despite later amendment of the assessment law to provide for assessment on irrigation district property in proportion to benefits.

BUILDING COSTS IN SACRAMENTO ARE BELOW AVERAGE

With the exception of lime, building materials in Sacramento are as low or lower than for the average of 52 cities throughout the country. This is according to Government figures for June 1, compiled by the Master Builders' Association.

Reports from these cities throughout the country as compared with Sacramento are as follows:

Commodity Common Brick, unit 1000, average \$15.86, Sacramento \$15.00; Douglas Fir No. 1 2x4x16, 1000 \$33.88; \$34.00; Red Cedar Shingles, 100 sq. ft., \$5.81, \$4.75; Lime, ton, \$18.21, \$29.00; 1-in. Galvanized Steel Pipes, 100 ft., \$9.12, \$9.90; Reinforcement Bars, 100 lbs. \$2.08, \$2.05; Linseed Oil, gal. \$1.02, \$1.05.

Comparing material prices of 1922 with those of 1913 shows that structural steel is the only commodity that is lower today than in 1913. Reinforcing bars are close to the 1913 price. Lath stands third on the list and is followed by window tile and Douglas fir. All other materials are considerably higher.

CLEVELAND BUILDERS TO REVIVE BRICKLAYERS' SCHOOL

The Cleveland Association of Building Trades' Employers has taken steps to revive the bricklayers' apprentice school, which had lapsed during the previous year, and it is expected that classes will be fully established by August 1.

The school will be in charge of a joint committee of employers and union men, with assistance by the public schools. Evening sessions will be held with a paid instructor in general charge, but with assistance from practical bricklayers and mason contractors.

Apprentices will be paid a stipulated percentage of the journeymen's scale and will be advanced every half-year in the following steps:

First half year, 32 per cent; second half year, 36 per cent; third half year, 42 per cent; fourth half year, 48 per cent; fifth half year, 52 per cent; sixth half year, 62 per cent; seventh half year, 70 per cent; eighth half year, 80 per cent.

FIVE BILLION IN ELECTRIC RAILWAYS

Electric railways of the United States and Canada represent an investment of about \$5,000,000,000 and the American Electric Railway Association comprises nearly 600 railway and manufacturing companies, according to executives of the association, which will hold its forty-first annual convention in Chicago, simultaneously with the conventions of its subsidiary organizations, the Engineering, Transportation, Manufacturers, Accountants and Claims Associations, October 2-6.

This will be the first Chicago convention of the association since 1912 when exhibits were displayed at the Union Stock Yards. Large city and interurban passenger cars, motor buses and machinery of various sorts will be exhibited on the municipal pier. The entire south side of the pier, upper level, will be used. Much of this space has already been engaged by exhibitors.

UGES STATE TO ACQUIRE MATERIAL PLANTS

Resolutions adopted by the United Chambers of Commerce of the Sacramento Valley at a meeting in Eureka advocate the acquisition by the California State Highway Commission of "suitable" plants and manufacturing facilities for the production of cement, crushed rock and gravel. The resolution asks that the output of these plants be made available to both State highway projects and to counties.

SONOMA COUNTY ROAD DECISION SUSTAINED

The State Supreme Court has sustained the decision of the First District Court of Appeal which reversed the Sonoma County Board of Supervisors in refusing to issue an injunction to restrain the Sonoma County Supervisors from building the Sebastopol and Freestone road in that county. Cathal O'Farrell, a taxpayer of Sonoma county, brought the suit. The court held supervisors may not pay out the full amount of a specific bond issue for a part of a road when the issue was intended for the entire road.

Decrease Noted in Number Employed in Five Building Trades

W. S. Hays, secretary of the National Federation of Construction Industries has compiled from the census reports of 1910 and 1920 a table showing the number of persons registered in various building crafts in comparison with the number in the automobile industry and other lines. An actual decrease is noted in the number of persons employed in five building trades. Nearly a million of the 11 million building laborers apparently were absorbed by other industries and the army and navy. These statistics reflect some war time conditions which have since been ameliorated or have disappeared but the situation with reference to the building trades is practically the same today as in 1920. Following are the figures compiled by Mr. Hays:

	1910	1920	Increase	Decrease	Pct.
Structural iron-workers	11,427	18,836	7,409		64.5
Boiler makers	44,761	74,088	29,317		65.6
Brick and stone masons	169,402	181,264		38,138	23.6
Electricians	120,244	212,964	92,723		77.2
Carpenters	167,120	887,379	720,259		436.6
Building laborers, general	869,478	628,208		241,270	28.1
Iron and steel laborers	482,941	729,612	246,672		51.2
Automobile laborers	15,783	83,341	67,558		428.0
Petroleum refineries, laborers	11,215	31,795	20,580		188.6
Rubber factories, laborers	13,546	51,467	37,921		280.0
Painters—building	273,411	248,497		25,914	9.5
Paper hangers	47,682	38,255		9,427	19.8
Plumbers	148,304	206,718	58,414		39.4
Roofers and slaters	14,078	11,378		2,700	19.2
Paint and varnish factories	3,926	5,521	1,601		40.8
Elevator tenders (male)	25,035	33,376	8,341		33.4
Janitors (male)	91,629	149,596	57,967		63.6
Soldiers, sailors, marines	77,153	225,503	148,350		192.3
R. R. boiler washers	10,409	14,806			143.0
Waiters	188,293	228,985	40,692		21.6
Chauffeurs	45,786	88,545	42,759		93.4
Population	91,972,266	105,710,626	13,737,360		15.0

IMPROVED HIGHWAYS ESSENTIAL FOR TRUCK TRANSPORTATION.

Truck transportation competition with railroads has resulted in an interesting development in England. One northwestern English railroad operates over 350 trucks, and the experience of railroads generally in England illustrates the fact that urban and interurban street car lines, as well as steam railroads, may greatly extend their traction systems by means of connecting bus lines. The Great North of Scotland Railroad operates fourteen bus and truck lines as feeders. The English appreciate the value of bus service to points of scenic interest not on the rail lines.

The development of these highway feeders raises the interesting problem as to what agency shall construct and maintain the necessary highways. The rail lines are purchased, constructed and maintained by the railroad companies, but the construction and maintenance of highways is up to the people. Obviously there should be an adequate charge leveled against private persons or corporations using the highways for profit. The California Real Estate Association is advocating an initiative measure to be on the ballot at the November election, placing such buses and trucks under the State Railroad Commission for regulation and assessing a 2 per cent tax on gross receipts. No one presumes that 2 per cent represents a proper charge, but the passage of the law will establish the principle and future adjustments can be made in establishing the proper rate for the use of highways.

Commercial highway transportation is here to stay, providing the highways stay. The highways will stay if they are not overloaded and abused beyond their strength and beyond the financial ability of public agencies to maintain them. If the use of present highways is not limited to the weight of traffic that they were built to carry, they will break down, and with them will vanish the transportation that is dependent upon their integrity.

It would seem, therefore, that truck associations should work for adoption of such weight limits and speed regulations as would protect existing highways until they can be brought up to a heavier standard instead of attempting to secure the highest possible maximum weight and the lowest possible license fee. Most truck associations' arguments look to the load and rate of speed from a standpoint of cheapness of freight and passenger rates only, ignoring the fact that their ability to transport at all depends upon the existence of the highway over which they travel.

RAILROAD COMMISSION DENIES REQUEST OF FERRY COMPANY TO MODIFY FINANCING PLANS

The State Railroad Commission has refused the request of the San Francisco-Richmond Ferry Company to modify its financing plans for acquiring two ferry boats, slips and other facilities.

The company desired to issue \$350,000 of its common stock instead of \$800,000, as previously authorized and in addition to permitted to create a serial equipment trust and to issue 7 per cent trust notes or create a bond issue to pay for its two steel ferry boats, to cost approximately \$300,000.

The commission held that not until the company had sold enough stock to cover the cost of acquiring and constructing terminal facilities and to build at least one boat would further consideration be given to the issue and sale of equipment trust certificates or bonds by the applicant.

ECONOMIC FORCES TENDING TO CHECK UP-TURN IN MATERIAL PRICES

Economic forces tending to check the recent up-turn in building material prices are apparently operative throughout the country, according to the current Dow Service "Daily Building Reports."

Recent observation of building material policies and tactics of distributors of building equipment interests in New York and vicinity have led to the conclusion that the price peak in the building material equipment market as a whole had been reached and, indeed, was actually on the down grade in some lines.

Artificial stimulation of the building material market invariably results in price reaction, and this attempt at market stimulation seems to have been practiced in many parts of the country since the first of the year, although some lines actually show a demand near to, if not in excess, of prospective supply. The result is revealed in the recent tabulation made by the Bureau of Labor statistics of the Department of Commerce.

While the comparison dates back to 1913, the center of interest lies in the turn of national building materials price movement during recent months. The materials prices are based on the revised index numbers with the average monthly prices in 1913 as 100.

	All building materials	Lumber	Brick
1913—Average	100	100	100
1914	92	92	99
1915	94	89	99
1916	120	102	108
1917	157	135	132
1918	172	155	170
1919	201	210	206
1920	264	307	279
1921	165	163	232
1922 (January)	157	166	204
(February)	156	165	202
(March)	155	164	200

HALF MILLION DOLLARS FOR OAKLAND STREET WORK

More than half a million dollars was expended by the Oakland street department during the fiscal year 1921-1922. The exact figure is \$532,169, of which street cleaning was the largest item—\$30,312 for cleaning macadam roads and \$78,040 for cleaning asphalt streets.

The report on the department expenditures was compiled by W. W. Harmon, city engineer, for use of the city council in fixing the budget appropriations for 1922-23.

Following are the expenditures of the department in detail: Stores, \$1465; equipment, \$15,126; land, \$1028; administration, \$41,024; inspection and labor, \$19,279; other administration, \$18,403; permanent paving repair, \$6041; macadam repairs, \$8848; oil street repair, \$66,619; repairing curbs, \$11,125; crosswalks, \$17,251; street signs, \$3994; fountains, \$708; sprinkling, \$3550; oiling, \$3098; roads, \$51,850; traffic signs, \$4649; scarifying, \$4640; cleaning asphalt, \$78,040; cleaning macadam, \$30,312; sewers, \$32,855; and outside work, \$48,371.

FOREST SERVICE EMPLOYS NOTED LANDSCAPE ENGINEER

Doctor Frank A. Waugh, professor of landscape engineering at the Massachusetts Agricultural College, Amherst, Mass., has been appointed recreation engineer in the forest service. Dr. Waugh, a noted author and one of the leading landscape architects of this country, will spend the summer formulating plans for the development of public camp grounds and summer home sites in the National Forests of

Colorado, Wyoming, Utah, Idaho and other Western States. This study is a part of the established plan of the Forest Service, United States Department of Agriculture, toward providing adequate camp and sanitation facilities for the five and one-half million people who yearly seek rest, health and enjoyment in our national forests.

The Observer.

(Continued from Page 4)

Dennis & Wilson, sub-contractors on the Hetch Hetchy aqueduct tunnel at Priest's Portal and the Big Creek shaft have been released from their contract and the work will be completed by the Construction Company of North America, the original contractors, according to advices from Groveland, Calif.

George Pollock Company, Forum Bldg., Sacramento, awarded contract by Reclamation District No. 335, Butte county, to excavate 80,000 cubic yards of earth in Section 1 of the main drainage canal on a bid of 35 cents a cubic yard. This contract completes excavation work planned by the district.

Herndon & Finnegan, Sacramento contractors, have purchased land in Sixteenth St., just outside the Sacramento city limits, and will erect a planing mill. The contractors will operate under the name of the Central Planing Mill.

Building operations in seven cities of the Pacific Coast for the first six months of this year are summed up as follows: Los Angeles, \$59,459,250; San Francisco, \$23,356,707; Portland, Ore., \$12,866,140; Oakland, \$12,154,604; Seattle, Wash., \$10,376,740; Long Beach, \$8,178,582; San Diego, \$5,022,654.

The California Planing Mill has commenced operations at 130 South Montgomery St., San Jose. The mill will be operated under a partnership between Raymond Buckingham and Andrew M. Smith.

Building permits issued by the Alameda city building department for the month of July totaled 60, with an estimated valuation of \$97,337, of which \$84,127 was for new buildings.

G. E. Miller & Co., investment bankers of Portland and Seattle, announce the opening of two branches in California. George H. McKaig will have charge of the San Francisco office. The office in Los Angeles will be in charge of C. E. Klefner as manager.

The largest logging camp in California, planned to house 1000 persons, including 100 families, and laid out along the lines of the most modern city planning, is that just completed by the Weed Lumber Co. on Antelope Creek, 40 miles east of Weed, Siskiyou county.

The Vallejo-Steiger Brick Plant at Vallejo has commenced operations. The first brick were turned out at the rate of forty-two per minute. The plant working full shifts will turn out 30,000 brick a day.

Palo Alto, Calif., building permits for July, \$94,844. From January to July 31, total is \$1,031,540.

Berkeley building totals for July, \$27,250 as against a total of \$161,769 for the month of July 1921.

Building News Section

APARTMENT HOUSES

Contract Awarded.
APARTMENTS. Cost, \$11,000
OAKLAND. SW. 10th St. and Telegraph Ave.
Three-story frame store and apartment building.
Owner—George Hoffschneider, 523 11st St., Oakland.
Architect—None.
Contractor—C. C. Williams, 1521 Franklin, Oakland.

Preliminary Plans Being Prepared.
APARTMENT HOUSE. Cost, \$—
SAN FRANCISCO. Broadway between Octavia and Laguna, 68-9 & 137-6.
Class "A" Community Apartment House building, 14 apartments.
Owner—Withheld.
Architect—Frederick W. Qandt, Monadnock Bldg., San Francisco.

Plans Complete—To Be Done by Day's Work.
APARTMENT HOUSE. Cost, \$10,000
SAN FRANCISCO. SE. Filbert and Divisadero.
Three-story frame and plaster apartment house, 55x100 (81x 6-room apartments).
Owner—Carl Jorgensen, 604 Mission St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Sub-figures will be taken by the owner.

Contract Awarded.
APARTMENT HOUSE. Cost, \$27,500
OAKLAND. W. Telegraph Ave. 45 S. 38th Street.
Two-story hollow tile apartment house.
Owner—Percy and R. M. Robins, 3125 High St., Oakland.
Architect—None.
Contractor—Alex C. Wiehen, 839 Rosemount, Oakland.

Bids to Be Taken in Two Days For Carpentry and Mill Work and Plastering.
APARTMENTS. Cost, \$100,000
SAN FRANCISCO. SW. Geary and Jones Streets.
Six-story and basement Class C steel and reinforced concrete store and apartment house (35 2 and 3-room apartments and 4 stores).
Owner—S. & G. Gump Realty Co.
Architect—Milton Latham, 452 Montgomery St., San Francisco.

Bids Wanted for Plastering, Electrical and Mill Work, Hardwood Floors, Brick Fireplaces and Painting.
APARTMENTS. Cost, \$40,000
SAN FRANCISCO. N. Sacramento 161 W. Franklin.
Three-story and basement frame and stucco (6) apartments.
Owner—Milton Latham.
Architect—Milton Latham, 454 Montgomery St., San Francisco.

Contract Awarded.
APARTMENTS. Cost, \$200,000
SAN FRANCISCO. SW. Hyde and Greenwich Streets.
Ten-story and basement Class A reinforced concrete apartment house (18 5 and 6-room apartments).
Owner—O. B. Martin.
Architect—C. A. Muesdorffer, Humboldt Bldg., San Francisco.
Contractor—R. McLean Co., Hearst Bldg., San Francisco.

Contract Awarded.
APARTMENTS. Cost, \$14,500
SAN FRANCISCO. N. Oak 105 E. Steiner.
Two-story and basement frame seven apartments.

Owner—C. S. Gallo, 918 Market St., San Francisco.
Architect—Wm. Beasley, 248 Market St., San Francisco.
Contractor—Pharhat Co., Olympic Club San Francisco.

Contract Awarded. Cost, \$15,950
SAN JOSE. Santa Clara Co., Cal.
Two-story frame and stucco apartment house.
Owner—Mrs. Rose M. Carter and Lily B. Carter, 619 Bryant, Palo Alto.
Architect—None.
Contractor—H. A. Spren, 497 Mathilda Ave., Sunnyvale.

Contract Awarded. Cost, \$11,000 each
APTS. & GARAGES.
OAKLAND. Cal. S. 12d St. 160 and 210 W. Telegraph Ave.
Two-story 16-room frame apartment bldgs. and garages.
Owner—John Paley.
Contractor—California Builders' Co., 1534 Franklin St., Oakland.

Contract Awarded. Cost, \$10,000 each
APTS. & 2 GARAGES.
OAKLAND. Cal. N. 33d St. 110 and 160 W. Telegraph Ave.
Two-story 12-room frame apartment bldg. and 2 garages.
Owner—J. Norris, 123 Hill Lane, Oakland.
Contractor—Calif. Builders' Co., 1534 Franklin St., Oakland.

Contract Awarded. Cost, \$85,000
LOS ANGELES. Los Angeles Co., Cal.
Westmoreland Ave. bet. Seventh and Woodward Aves.
Three-story and basement frame and plaster apartment house (91 rooms, 44 apts.).
Owner—Lizie Saks.
Architect & Contractor—Gregory L. Evans, 2320 Ocean View Ave., Los Angeles.

To Be Done by Day's Work.
APARTMENTS. Cost, \$30,000
SAN FRANCISCO. N. Washington 170-6 W. Franklin St.
Three-story and basement frame (9) apartments.
Owner—H. C. Keenan, 300 Webster St., San Francisco.

BANKS

Contract Awarded. Cost, \$20,000
BANK BLDG.
OAKLAND. E. Fruitvale Av. 75 S. Hopkins.
One-story reinforced concrete bank building.
Owner—American Bank, 16th and San Pablo Aves., Oakland.
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.
Contractor—E. W. Maurice, 505 E. 22nd St., Oakland.

Plans Being Figured. Cost, \$—
BANK BLDG.
WHITTIER. Los Angeles Co., Cal.
Two-story and basement Class "A" bank bldg., 70 x 76 (designed for eight stories).
Owner—First National Bank.
Architects—John and Donald B. Parkinson, Title Insurance Bldg., Los Angeles.
Day's work.

SAN FRANCISCO.—The P. J. Walker Co., Monadnock Bldg., has awarded contracts as follows in connection with the construction of a seven-story class "A" bank building now and to be constructed on the northwest corner of Battery and Sacramento Sts. for the Federal Reserve Bank of San Francisco

George W. Kellham, Sherrin Bldg., San Francisco, is the architect.

Interior and exterior ornamental California Artistic Metal & Wire Co., 351 7th St., \$62,800
Heating and ventilating system to Jay A. Nelson, 517 6th St., \$12,950

LOS ANGELES. Los Angeles Co., Cal.—Los Angeles Building & Contracting Co., Marsh-Strong Bldg., has been awarded a contract at about \$170,000 for erecting three new bank, store and apartment buildings, for Security Trust & Savings Bank; John Parkinson & Donald B. Parkinson, 120 Title Insurance Bldg., architects. They include a 2-story bldg., 65x110 ft. at 4th St. and Oxford Ave.; 2-story bldg., 164x135 ft., at s. w. cor. of Pico and Alvarado Sts.; and a 2-story bldg., 60x110 ft. at n. w. cor. of Vermont and Santa Barbara Aves.—Brick construction, press brick and terra cotta facing, plate glass windows, steel beams, copper cash, comp. rig, pine trim, hardwood, pine and eum. fls., wall beds, tiled baths, gas radi., water, hrs., marble and tile work, bank fixtures, reinf. conc. vaults.

BONDS

FULLERTON. Cal.—A \$245,000 bond issue proposed by city council provides for \$130,000 for street paving.

COVINA. Cal.—A bond election will be held August 26 to vote \$12,000 for a swimming pool in the city park.

HAYWARD. Alameda Co., Cal.—August 22 is date set to vote bonds of \$8000 in Independent School District; proceeds to finance school improvements. Trustees of district are: Conrad Roth, E. C. Nelson and C. F. Roberts.

YUKIAH. Mendocino Co., Cal.—Bond election will be held August 22 in Round Valley Union School District to vote \$10,000 for a new school building. Trustees of district are: Dan English, Dave Johnson, George Woods and J. H. Rohrbaugh.

STOCKTON. San Joaquin Co., Cal.—Election will be held August 21 in Henderson School District to vote bonds of \$10,000 to finance school improvements. Trustees of district are: H. T. Bailey, T. H. Eckman, Wm. Merrill.

MODESTO. Stanislaus Co., Cal.—August 29 date set in Roberts Ferry School District to vote bonds of \$18,000 to finance construction of school. Previous election failed to carry.

OAKDALE. Stanislaus Co., Cal.—Election to vote bonds of \$35,000 to finance construction of municipal hospital failed to carry.

CHURCHES

Plans Being Figured—Bids Close Aug. 5, 1922, 4 P. M.

HALL BLDG. Cost, \$—
SAN JOSE. Santa Clara Co., Cal. Corner River and San Fernando Sts. Frame hall building.
Owner—Holy Family Church.
Architect—Chas. S. McKinnis, Bank of San Jose Bldg., San Jose.

See Call for bids under official proposals.

Plans Being Figured
ADDITION
SAN JOSE. Santa Clara Co., Cal. S. 3d St. and San Antonio

Marble and stucco addition to synagogue.

Owner—Jewish Synagogue.
Architect—Binder & Curtis, Binder Bldg., San Jose.

Bids Opened and Taken Under Advice-ment.

AUDITORIUM. Cost, \$80,000
SAN JOSE, Santa Clara Co., Cal. 5th St. near Santa Clara.
One-story reinforced concrete building (auditorium).
Owner—Christian Assembly.
Architect—Binder & Curtis, 255 1/2 S. 1st St., San Jose.

General Contract
Frank Edmans, 143 N. 5th St., San Jose.....\$53,750
R. O. Summers, San Jose.....65,989
Morrise Bros., Santa Clara.....74,889
C. L. Weld Co., San Francisco.....77,700

Heating
P. J. Enright, S. F.....\$831.00
J. E. O'Mara, S. F.....\$877.00
Scott Co., S. F.....\$645.00
W. K. Nottingham, Oakland.....\$888.88
Turner Co., S. F.....\$960.00
C. M. Moening, San Jose.....10,972.00
Bids for the gravel, cement, hard-ware, sheet metal and plumbing have been taken by the owners.

Plans to Be Ready for Figures in About Ten Days.

CHURCH. Cost, \$125,000
SAN FRANCISCO. 13th Ave. and Clement.

One-story and basement reinforced concrete church.
Owner—Fourth Church of Christ Scientist.

Architect—Carl Werner, Humboldt Bank Bldg., San Francisco.

FACTORIES & WAREHOUSES

Contract Awarded. Cost, \$180,000
MFG. PLANT.
TURLOCK, Stanislaus Co., Cal. South First Street.

One-story and mezzanine and four-story brick and reinforced concrete alcohol and vinager plant.

Owner—Hunt-Jewett-Hontz Co.
Designer & Contractor—Oscar Krenz Copper & Brass Works, 812 Bryant St., San Francisco.

Construction will be started in about thirty days when sub-figures will be taken. The machinery will cost about \$275,000.

Plans Being Figured. Cost, \$15,000
STABLE.
OAKLAND, Alameda Co., Cal. E-14th St. and 27th Ave.

One-story brick stable.
Owner—Little Sisters of the Poor.

Architect—Leo J. Devlin, Pacific Bldg., San Francisco.

Plans to Be Prepared. Cost, \$—
SAN FRANCISCO. Fifth and Clementina Streets.

Two-story reinforced concrete building. 75x275.

Owner—Louis R. Lurie, Flatiron Bldg., San Francisco.

Architect—Not Selected.

Preliminary Plans Being Prepared.

ICE PLANT, ETC. Cost, \$200,000
LOS ANGELES, Los Angeles Co., Cal. NW Boy and San Pedro Sts.

Two and three-story and basement reinforced concrete and brick Class A milk bottling and ice plant, 60x150.

Owner—Consumers Milk Co.

Architect & Engineer—Truesdell, Purinton & Newton, 304 San Fernando Bldg., Los Angeles.

Contract Awarded. Cost, \$75,000
WAREHOUSE.
LOS ANGELES, Los Angeles Co., Cal. NW Boy and San Pedro Sts.

Four-story Class A reinforced concrete warehouse.

Owner—Illinois Electric Co.
Architect—Noerenberg & Johnson, 401 Los Angeles Railway Bldg., Los Angeles.

Contract Awarded. Cost, \$120,000
LOFT BLDG.
LOS ANGELES, Los Angeles Co., Cal.—Ninth St. and Santa Fe Ave.

Five-story reinforced concrete loft building, 87x140.

Owner—Emil Brown, 714 E-9th St., Los Angeles.
Architect & Contractor, John M. Cooper Marsh-Strong Bldg., Los Angeles.

Plans to Be Prepared. Cost, \$—

WAREHOUSE.
SAN FRANCISCO. 19th and Harrison Streets.

One-story reinforced concrete warehouse, 32x200.
Owner—Louis R. Lurie, Flatiron Bldg., San Francisco.

Architect—Not Selected.

Plans to Be Prepared. Cost, \$—

LOFTS.
SAN FRANCISCO. S Folsom 25 E Fifth Street, 75x30.

Two-story reinforced concrete lofts.
Owner—Louis R. Lurie, Flatiron Bldg., San Francisco.

Architect—Not Selected.

Plans to Be Prepared. Cost, \$—

SAN FRANCISCO. Folsom and Fremont Streets.

Two-story reinforced concrete loft building.
Owner—Louis R. Lurie, Flatiron Bldg., San Francisco.

Architect—Not Selected.

Steel Contract Awarded. Cost, \$—

WAREHOUSE, ETC.
OAKLAND, Alameda Co., Cal. E-14th St., adjoining Durant Motor Company's plant.

Brick and concrete administration building, 150x80 and brick warehouse, 200x100.

Owner—Star Motor Co. of California, Norman De Vaux, president; R. C. "Chit" Durant, vice-president; R. H. Mulch, sales manager, and W. B. Straz, controller.

Architect—Owner.
Contractor—T. J. Walker Co., Monadnock Bldg., San Francisco.

The structural steel contract for warehouse has been awarded the California Steel Co., Hobart Bldg., San Francisco, at \$11,331.

Contract Awarded. Cost, \$21,190

SAN FRANCISCO. N Howard W Fifth Street.

One-story steel and concrete factory building.
Owner—James Co.

Architect—M. F. Politeo, First National Bank Bldg., San Francisco.
Contractor—S. Schell, 180 Jessie St., San Francisco.

Contract Awarded. Cost, \$100,000

FOUNDATION.
SAN FRANCISCO. Army and De Haro Streets.

10,000 cu. ft. gas holder foundation.
Owner—Pacific Gas & Electric Co., 445 Sutter Street.

Architect—Engineer, Dept. of Owner.
Contractor—H. C. Vensano, 110 Sutter St., San Francisco.

The gas holder will be erected by the Bartlett-Hayward Co. of Baltimore and will cost approximately \$500,000.

Bids to Be Called for About August 15, 1922.

PRINTING PLANT. Cost, \$140,000
SACRAMENTO, Sacramento Co., Cal. N. Ninth and O Streets.

Two-story and basement Class A State printing plant, 160x160 (reinforced concrete walls, metal sash, clay tile roof).

Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Forum Bldg., Sacramento.

Plans Being Figured. Cost, \$—

PRINTING PLANT.
SANTA CLARA, Santa Clara Co., Cal. One-story brick newspaper printing plant building.

Owner—Auzerais Estate.
Lessee—Santa Clara News.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Revised Plans Completed. Cost, \$120,000

LOFT BLDG.
LOS ANGELES, Los Angeles Co., Cal. N. Ninth and Santee Streets.

Five-story Class A loft building.
Owner—Emil Brown & Co.
Architect—John M. Cooper, 335 Marsh-Strong Bldg., Los Angeles.

Plans Being Prepared—Subfigures to Be Taken Shortly.

WAREHOUSE. Cost, \$125,000
SAN FRANCISCO. Mariposa St. S. of Alabama.

Two-story Class "B" warehouse, 124 by 200.

Owner—R. McLeran Co.
Lessee—Illinois Glass Co.
Architect—R. McLeran Co., Hearst Bldg., San Francisco.

Subfigures will be taken for metal sash, electrical work, steel rolling doors, elevator, plumbing, etc.

LOS ANGELES, Los Angeles Co., Cal.

Los Angeles Railway Co. has prepared plans in its engineering department and is taking bids on general contract by invitation only for a car repair shop to be erected on 54th St. between South Park Ave. and San Pedro St. Brick walls, 54x40 feet, steel columns, and roof trusses, concrete floor, metal skylights, steel sash, steel rolling doors, 100 Durant steel lockers, \$140,000.

LAFAYETTE, Contra Costa Co., Cal.

The Highland Manufacturing Company of Chicago has bought several acres of land near the center of town, on which it proposes to erect twenty or more cottages, besides a large factory. It will engage in the business of assembling automobile accessories and has begun operations by furnishing a beautiful supply of most excellent water. Several wells have already been bored and contractors will begin the erection of the buildings in a short time.

LOS ANGELES, Cal.—Harbor Engineer J. W. Ludlow has been instructed by Los Angeles harbor commission to prepare plans for first transit shed, 850x120 ft., to be built on the new dock for the Union Pacific (Salt Lake route) which are being constructed from the \$2,100,000 fund for widening the main channel at the harbor. The shed will be steel construction.

GUADALUPE, Cal.—Gay Engineering Co., Los Angeles, has the contract at approximately \$100,000 to erect an ice plant at Guadalupe for Turpin Ice Co. of Santa Barbara. Capacity will be 40 tons a day.

ORLAND, Glenn Co., Cal.—California Apricot and Pig Association will construct cannery at Orland to handle the 1923 crop.

MODesto, Stanislaus Co., Cal.—

Geo. E. Wallace, Chief of Fire Department recommends to council immediate construction of two fire stations to cost \$16,000.

FLATS

To Be Done By Day's Work.

FLATS. Cost, \$12,000
SAN FRANCISCO. NW. 4th Ave. and Anza St.

Two-story and basement frame four flats.

Owner—Victor Bjors, 2668 Bryant St., San Francisco.

Architect—None.

Plans Completed. Cost, \$30,000

FLATS.
BERKELEY, Alameda Co., Cal. N. Dwight Way 400 E Telegraph Ave.

Two-story 32-room Class C flats.
Owner—J. P. McTavish, 1160 6th St., Oakland.

Contract Awarded. Cost, \$10,000

FLATS.
OAKLAND, Alameda Co., Cal. W. Valle Vista Ave. 159 N. Elwood.

Two-story 12-room frame flats.
Owner—Terstegge & Pfundstein, 506 Santa Clara Ave., Oakland.

Architect—None.

Contractor—Ralph E. Norris, 423 Hill Lane, Oakland.

Contract Awarded.
FLATS & GARAGE. Cost, \$11,760
OAKLAND. Alameda Co., Cal. W.
 Grove St. 100 N. 23th St.
 Two-story 12-room frame flats and
 garage.
 Owner—G. H. Horeade.
 Architect—J. W. Oliver, 3720 Foothill
 Bldg., Oakland.
 Contractor—Nile W. Place, 310 Fair-
 mount Ave., Oakland.

Contract Awarded.
FLAT BLDG. Cost, \$14,918
SAN FRANCISCO. W Twenty-first
 Ave. 87-6 S Cabrillo.
 Except light fixtures, wall paper and
 finish hardware for two-story and
 basement frame (2) flat building.
 Owner—W. E. Megannan.
 Architect—W. H. Crim Jr., 425 Kearny
 St., San Francisco.
 Contractor—Peter Sartorio, 2150 Fil-
 bert St., San Francisco.

Contract Awarded. Cost, \$11,200
FLATS.
SAN FRANCISCO. N. Green 137-6 E.
 Pierce.
 Two-story and basement frame (2)
 flats.
 Owner—Marvin Curtis, Merchants' Na-
 tional Bank Bldg., San Francisco.
 Architect—Welsh & Carey, Merchants'
 National Bank Bldg., San Francisco.
 Contractor—Edw. Mooney, 12 Valencia
 St., San Francisco.

Plans Ready for Figures Wednesday.
FLATS. Cost, \$12,000
SAN FRANCISCO. 15th Ave. near Ca-
 brillo.
 Two-story frame and plaster flat
 building (two 6-room flats and
 basement garage).
 Owner—George Devline.
 Architect—H. C. Baumann, 251 Kearny
 St., San Francisco.

Contract to Be Awarded.
FLATS. Cost, \$12,000
SAN FRANCISCO. Fourteenth Ave. bet.
 Balboa and Cabrillo Sts.
 Owner—Dr. Louis Constine.
 Architect—H. C. Baumann, 251 Kearny
 St., San Francisco.
 Contractor—J. E. Barker, 1219 Page
 St., San Francisco.

Contract Awarded. Cost, \$15,000
FLATS.
SAN FRANCISCO. NE. Hugo and 2d
 Ave.
 Two-story and basement frame four
 flats.
 Owner—Ellen Powell, 1319 4th Ave.
 Architect—None.
 Contractor—Cox Bros., 1309 9th Ave.,
 San Francisco.

To Be Done By Day's Work.
FLATS. Cost, \$15,000
OAKLAND. Cal. NW. Wesley and
 Lake Park.
 Two-story 12-room frame flats.
 Owner—Herman R. Hewelke, 1626
 Chestnut St., Oakland.
 Architect—None.

Contract Awarded. Cost, \$3000
SAN FRANCISCO. 165 Buena Vista
 Ave.
 Remodel frame building into (2) flats.
 Owner—A. C. Brown.
 Architect—W. H. Crim Jr., 425 Kearny
 St., San Francisco.
 Contractor—Borton & Zewieg, Flatiron
 Bldg., San Francisco.

GARAGES

Contract Awarded. Cost, \$15,000
GARAGE.
OAKLAND. NW. E-12th St. and 34th
 Ave.
 One-story brick tile garage.
 Owner—R. Davies, 3430 Elmwood, Oak-
 land.
 Architect—None.
 Contractor—Marshall & Burks, Bacon
 Bldg., Oakland.

**Plans Being Figured—Bids Close Aug.
 18, 1922.**
GARAGE. Cost, \$20,000
GILROY. Santa Clara Co., Cal.
 One-story reinforced concrete com-
 mercial garage.

Owner—Mrs. A. Ellis.
Architect—W. H. Weeks, 269 Pine St.,
San Francisco.
 Figures are being taken for a gen-
 eral contract, with separate bids for
 the electrical work.

GOVERNMENT WORK AND SUPPLIES

SEATTLE, Wash.—Until August 16,
 11 A. M. under Circular 582, bids will
 be received by Alaskan Engineering
 Commission, Bell Street Terminal, for
 furnishing and delivering f. o. b. cars
 Contractors' Works: Guard rails,
 switchstands, switches, frogs, cast iron
 and steel wheels, coupler parts, repairs
 for locomotives, brake shoes and boiler
 tubes. Specifications may be had from
 San Francisco offices of commission, 306
 Customhouse

WASHINGTON, D. C.—Until August
 15 bids will be received by Bureau of
 Supplies and Accounts, Navy Depart-
 ment, for furnishing and delivering
 Puget Sound, 114,750 lbs. angle and
 steel, under Schedule 63, and under
 Schedule 69 for furnishing and deliv-
 ering eastern and western navy
 yards 730,000 lbs. white cotton waste.

WASHINGTON, D. C.—Chief of En-
 gineers, U. S. Army, has authorized
 purchase of jettty stone for use in Wa-
 quina Bay; estimated cost, \$250,000.
 Work will be in charge of U. S. Dis-
 trict Engineer's Office, Portland, Ore.

WASHINGTON, D. C.—Chief of en-
 gineers, U. S. Army, has authorized ex-
 penditure of \$275,000 for dredging in
 Honolulu harbor, work to be handled by
 U. S. Engineer's Office, First Dis-
 trict, San Francisco.

KLAMATH FALLS, Ore.—Until Aug-
 ust 12 bids will be received by U. S.
 Reclamation Service to erect timber
 trestle and creek structures on the
 lateral of the Tule Lake division.
 Klamath project, involving about 3000
 cu. yds. of excavation, the erection of
 about 161,000 ft. b. m. of lumber, the
 placing of about 3700 cu. ft. of 18-in.
 diameter metal pipe and the installa-
 tion in the structures of about 29,000
 pounds of gates and other metal work.
 R. F. Walter, acting chief engineer.

DENVER, Colo.—Until Sept. 6 bids
 will be received by U. S. Reclamation
 Service for furnishing motors, trans-
 formers and switching apparatus for
 valley drainage pumping plant, Yuma
 project, Arizona. A. P. Davis, direc-
 tor.

DENVER, Colo.—Until August 21
 bids will be received by U. S. Reclama-
 tion Service for cast iron conduit lin-
 ing for the Hubbard dam, Flathead
 project, Montana. F. E. Weymouth,
 chief engineer.

WASHINGTON, D. C.—Chief of En-
 gineers, U. S. Army, has authorized
 cost of two steel pump screws for
 use of U. S. Engineer's Office at
 Portland, Ore.; estimated cost, \$16,500.
 Project will be in charge of district
 office at Portland.

WASHINGTON, D. C.—Until August
 16, 10:30 A. M. bids will be received
 by Panama Canal Commission for fur-
 nishing and delivering under Circular
 1489: corrugated roofing, wrought
 iron or steel pipe, range boilers, water
 buckets, wire netting, cable clips, turn-
 buckles, machine bolts, brass tubing,
 paint, varnish and floor brushes, street
 brooms, leather belting, packing, ear
 seat webbing, emery cloth, paint, cal-
 cium carbide, carbon bisulphide, water
 closet seats, scythe stones, polishing
 wheels, rotators, cotton line, twine,
 paint drinking cups, fish and yellow
 pine lumber. Copies of this Circular
 (1489) may be had from Assistant Pur-
 chasing Agent at Fort Mason, San
 Francisco.

WASHINGTON, D. C.—Following is
 complete list of bids received by Su-
 pervising Architect, Treasury Depart-
 ment, for wire grilles in U. S. Veterans'
 Hospital at Palo Alto, Cal.: George

E. Wright (Inc.), Chicago, \$11,420; New
 San Francisco Wire & Iron Works, San
 Francisco, \$2340; West Coast Wire &
 Iron Works, San Francisco, \$4730;
 Iron Works, San Francisco, \$4730;
 Usoma Mfg. Co., St. Louis, \$5232; P. J.
 Smith Wire & Iron Works, Chicago,
 \$3498; Standard Fence Co. (Inc.), San
 Francisco, \$3600.

WASHINGTON, D. C.—Bids will be
 received until August 30, 1922, at 11
 A. M. by the Bureau of Yards and
 Docks, Washington, D. C. for a circu-
 lating loop for the central power plant.
 See call for bids under official propo-
 sals.

WASHINGTON, D. C.—The following
 bids were received July 27 by the su-
 pervising architect, Treasury Depart-
 ment, Washington, for lighting fixtures
 in the U. S. Veteran Hospital, Palo
 Alto, Calif.:
 The Simes Co., New York City, \$10,-
 709; Dec. 31.
 Beardslee Chandelier Mfg. Co., Chi-
 cago, Ill., \$13,675.85; 130 days.
 The Turner Co., San Francisco, Cal.,
 \$8750; 120 days.
 Roberts Mfg. Co., San Francisco, Cal.,
 \$12,384; 120 days.
 Kayline Co., Cleveland, Ohio, \$10,-
 700; Dec. 31.
 National Fixture Co., Inc., Los An-
 geles, Cal., \$10,625.35; 60 days.

The Chief of the Bureau of Yards and
 Docks, Navy Department, Washington,
 wants bids until August 23, specifica-
 tion 4636, for wards and service build-
 ing at the naval hospital, San Diego,
 Calif.; deposit for plans, \$50.

The Chief of the Bureau of Yards &
 Docks, Navy Department, Washington,
 wants bids until August 16, specifica-
 tion 4796, for wire partitions at San
 Diego, Calif.; deposit for plans, \$10.

SAN DIEGO, San Diego Co., Cal.—
 The \$1,500,000 government hospital, is to
 be built in San Diego, near Gros-
 smont, where a site was donated by
 Col. Ed. Fletcher, according to word
 from Washington stating that Col.
 Charles Forbes, director of Veterans'
 Bureau, had recommended acceptance
 of Col. Fletcher's offer. The building
 proposed will contain 500 beds.

SAN FRANCISCO—Until August 12,
 11 a. m. bids will be received by U. S.
 Engineer Office, 240 Montgomery st.,
 under Order 3898-S29 for furnishing
 and delivering one fine gas analyzer,
 thermometer, etc. Spec. will be fur-
 nished on request.

HALLS AND SOCIETY BUILDINGS

Plans Being Prepared.
CLUB HOUSE. Cost, \$—
MODESTO. Stanislaus Co., Cal. Six
 miles north of Modesto.
 Erecting club house, laying out
 grounds, etc.
 Owner—Stanislaus Country Club.
 Architect—Bliss & Faville, Balboa
 Bldg., Modesto.

Plans Being Prepared.
ORPHANAGE. Cost, \$150,000 to \$200,000
SAN ANSELMO, Marin Co., Cal.
 Five two-story frame and stucco, tile
 roof, orphanage buildings.
 Owner—Presbyterian Orphanage.
 Architect—Bliss & Faville, Balboa
 Bldg., San Francisco.
 Work on the girls' dormitory will be
 started in August. The main building
 will be built next.
 There is also a one-story cottage for
 small children which will be started
 immediately from plans prepared by
 Architect Chas. W. McCall.

Working Drawings Being Prepared.
LODGE BLDG. Cost, \$250,000
SANTA ROSA, Sonoma Co., Cal. A St.,
 bet. 4th and 5th Sts.
 Three-story reinforced concrete lodge
 building.
 Owner—Santa Rosa Lodge of Elks.
 Architect—Shea & Shea, Chronicle
 Bldg., San Francisco.

Figures to be Taken Shortly.

ADDITION. Cost, \$100,000
SAN FRANCISCO. N Oak St. W Van
Ness Ave.
Three-story reinforced concrete addi-
tion adjoining present lodge
building.

Owner—Young Men's Institute.
Architect—Shea & Shea, Chronicle
Bldg., San Francisco.

Plans to be Prepared.

LODGE, BLDG. Cost, \$200,000
SACRAMENTO, Sacramento Co., Cal.
Class "A" lodge building.
Owner—Knights of Columbus (W. F.
Gormley, General Chairman of
Building Committee).
Architect—Not selected.

Plans Being Figured.

CONCRETE BLDG. Cost, \$22,000
SACRAMENTO, Santa Clara Co., Cal. Odd
Fellows' Home.
One-story reinforced concrete bldg.
Owner—Odd Fellows' Home of Cali-
fornia.
Architect—Wolfe & Higgins, Auzeais
Bldg., San Jose.

Commencing to Prepare Plans.

INST. FOR BLIND. Cost, \$175,000
PORTLAND, Ore. E. Glisan St. bet.
84th and 85th Sts.
Concrete institution for blind—work-
shop, boiler room and laundry,
main building, etc.
Owner—State of Oregon.
Architect—Houghtaling & Dougan,
Board of Trade Bldg., Portland,
Ore.

Completing Plans—Ready for Figures
in About Two Weeks.

MAISON TEMPLE. Cost, \$200,000
FAIRFAXFIELD, Kern Co., Cal. W.
18th St. between F and D.
Four-story and basement reinforced
concrete and hollow tile Masonic
Temple building.
Owner—Masonic Temple Association.
Members of the bldg. committee
are: H. A. Jastro, A. S. Crites
(secretary), F. A. Easton, H. J.
Erdt, and M. W. Gist.
Architect—Carl Werner, Humboldt
Bank Bldg., San Francisco.

FRESNO, Fresno Co., Cal.—Ellery.
Fred Patten, engineer, 1913 Fresno
St., preparing plans for Green Hill
Amusement Park for Fresno; estimated
cost, \$250,000. Main building, 250x125
ft., will contain dining-room seating
750 people, with dance hall, booths
surrounding hall for billiards, bow-
ling alleys, rest rooms, children's play-
rooms and showers. The interior will
be of matched lumber, ice-cooled and
steam heated. Indirect lighting effect,
one of the latest revolutionary type be-
ing used. Will install ice-making and
cooling plant. Largest swimming pool
in State of California will be construct-
ed in rear of main building. Parking
sheds for 1000 cars will be erected in
addition to eleven acres of amusement
buildings. Oil filling station and con-
servatory, 100 x 100, to house conven-
tions will also be provided.

**SAN FRANCISCO, Cal.—The Ma-
sonic House Association** has awarded
a contract to E. Grassl, 135 Steama-
St., San Francisco, for the Travertine
partitions at \$5300 and for the terraz-
zo flooring at \$3000 for the new build-
ings now being constructed at Ma-
sonic Home in Decoto, Alameda Coun-
ty. Wm. Mosser, Nevada Bank Bldg.,
is the architect.

HOTELS

Contract Awarded.

STORE & HOTEL. Cost, \$425,000
GLENDALE, Los Angeles Co., Cal.
Broadway and Glendale.
Six-story concrete and brick
store and hotel building. 175x229
(140 rooms and 19 stores).
Owner—H. J. Tremalin.
Architects—Barton & Lochried, 4748
Hill St., Los Angeles.
Contractor—The Universal Constr. Co.,
Union Bank Bldg., Los Angeles.

Plans to be Completed in About Two

Weeks.
HOTEL BLDG. Cost, \$200,000
RENO, Nevada. Site of old Russ House.
Four-story steel and brick hotel build-
ing.

Owner—George Wingfield, Reno, Nev.
Architect—F. J. De Longchamps, Ga-
zette Bldg., Reno, Nev.

It has not been decided whether fig-
ures will be taken or a contract award-
ed on a percentage basis.

MERCED, Merced Co., Cal.—J. H.
Simmons, owner of Hotel El Capital,
announces that a contract 60-room
brick or concrete addition to present
structure in addition to altering the
present building.

LOS ANGELES, Los Angeles Co., Cal.
—The Salvation Army has postponed
until fall the proposed 7-story class A
reinforced concrete hotel and office bldg.
on 4th St. between Main and Los Angeles
Sts., Los Angeles. Revised bids will
be taken at that time. Arthur S. Hel-
man, 321 San Fernando Bldg., Los An-
geles, is the architect.

PUBLIC BUILDINGS

DINUBA, Tulare Co., Cal.—Plans
have been completed for the proposed
city hall and are awaiting approval of
the City Trustees. C. T. Reagan, City
Clerk.

BERKELEY, Alameda Co., Cal.—The
following bids were received on Aug.
2 by the Regents of the University of
California for the construction of a
two-story, basement and attic rein-
forced concrete building, 186x70 ft., to
be known as Hayland Hall. It will
be erected on the University Campus in
Berkeley from plans prepared by Ar-
chitect John Gaten Howard, First Na-
tional Bank Building, San Francisco.

	Limit.
Total bid. days.	
K. E. Parker, Clunie	
Bldg., S. F.	\$327,400 275
I. M. Sommers Co., S. F.	\$338,428 300
Lange & Bergstrom, S. F.	\$347,000 275
Divnidville Con. Co., S. F.	\$357,500 260
J. D. Hannah, S. F.	\$357,500 290
L. J. Cohn, S. F.	\$361,281 350
Barrett & Hilp, S. F.	\$365,880 300
Brockhage, Foley &	
Green, S. F.	\$367,000 340
Robt. Trost, S. F.	\$377,016 300
Jas. L. McLaughlin, S. F.	\$375,000 400
Clinton Connor, Co. S. F.	\$376,670 400
Reilly & Nemitz, S. F.	\$398,400 275
The alternate bids for the two low- est bidders are as follows:	
K. E. Parker, Section No. 3 (a)	\$2300.
(b) \$—, (c) \$2200, (d) \$19,000.	
(e) \$4500, (f) \$2200; Sec. No. 4 (1) \$1	
cu. yd., (2) \$5 cu. yd., (3) \$25 cu. yd.	
(4) \$50 cu. yd.	
I. W. Sommer Co., (a) \$5000, (b)	
\$200, (c) \$3800, (d) \$16,577, (e) \$2000,	
(f) \$1300; No. 4, (1) \$125, (2) \$4, (3)	
\$21, (4) \$27.	

RESIDENCES

Ready for Figures in a Few Days.

RESIDENCE. Cost, \$15,000
SAN FRANCISCO. Divisadero & Union
Sts.

Two-story and basement frame and
stucco residence (10 rooms, 2 bath-
rooms and garage).

Owner—Mrs. Margaret Butler.
Architect—August G. Headman, Call
Bldg., San Francisco.

Plane complete.

RESIDENCE & GARAGE. Cost, \$10,500
OAKLAND, Alameda Co., Cal. N. Long-
ridge Rd. and 150 E. Yerkes Road.
Two-story 8-room frame residence and
garage.
Owner—Mrs. Margaret S. Williams, 13
Webster St., Oakland.
Architect—M. I. Diggers, Easton Bldg.,
Oakland.

Contract Awarded.

RESIDENCE. Cost, \$15,000
SAN FRANCISCO. N. Jackson 68-9 W.
Lyon.
Two-story and basement frame resi-
dence.

Owner—S. F. Berg, Bankers' Invest-
ment Bldg.
Architect—Samuel Lightner Hyman, 68
Post St.
Contractor—L. C. Lewis, 68 Post St.

Low Bidder.

RESIDENCE. Cost, \$18729
SAN ANSELMO, Marin Co., Cal.
One-story hollow brick seven-room
cottage for 20 children.

Owner—Presbyterian Orphanage. (A
memorial to Grace Doelar Dixon,
given by the Dollar family.)
Architect—Chas. W. McCall, Central
Bank Bldg., Oakland.

Contractors—Walters & Grove, Monad-
nock Bldg., San Francisco.

Contract Awarded.

RESIDENCE. Cost, \$11,350
OAKLAND. N. Longridge Rd. 50 E.
Lakeshore.

Two-story 10-room residence.

Owner—Mrs. Meyer, Coluso.

Architect—C. J. Pirang, 480 Forest,
Oakland.

Contract Awarded

RESIDENCE. Cost, \$16,428
OAKLAND, Alameda Co., Cal.
Two-story frame residence.

Owner—Lorena J. Edwards, Oakland.

Architect—A. V. Smith, 1010 Broad-
way, Oakland.

Contractor—Lawrence L. Lucas, 555
59th St., Oakland.

Plans Being Prepared.

RESIDENCE. Cost, \$7000
BERKELEY, Alameda Co., Cal.
Two-story frame and plaster residence.
Owner—Norman Shreve.
Architect—Miller & Warnecke, Perry
Bldg., Oakland.

Plans Being Prepared—Figures to Be
Taken in Two Weeks.

RESIDENCE. Cost, \$10,000
YUBA CITY, Sutter Co., Cal.
Two-story frame and plaster residence.
Owner—G. T. Williamson.
Architect—Miller & Warnecke, Perry
Bldg., Oakland.

Figures to be Taken in a Week.

RESIDENCE. Cost, \$12,000
HOLLISTER, San Benito Co., Cal.
To-story frame country residence.
Owner—Withheld.
Architect—Wolfe & Higgins, Auzeais
Bldg., San Jose.

Work Started — Sub-figures Being

Taken.
RESIDENCE. Cost, \$17,000
MT. EDEN, Alameda Co., Cal.
Two-story frame and plaster residence.
Owner—Andrew Oliver, Mt. Eden.
Architect—Wolfe & Higgins, Auzeais
Bldg., San Jose.

Plans Being Prepared.

BUNGALOW. Cost, \$7000
MENLO PARK, San Mateo Co., Cal.
One-story 6-room frame and plaster
bungalow.
Owner—Withheld.
Architect—Milton Latham, 454 Mont-
gomery St., San Francisco.

To Be Done by Day's Work.

DWELLING. Cost, \$29,850
BERKELEY, Alameda Co., Cal. 3011
to 3027 Rent St.
Six one-story 6-room dwellings.
Owner—R. J. Pavert, 1st Natl. Bank
Bldg., Berkeley.
Architect—Nune.

Plans Being Figured.

RESIDENCE. Cost, \$20,000
SAN JOSE, Santa Clara Co., Emery and
Myrtle Streets.
Two-story frame and plaster residence
with the roof (12 rooms).
Owner—R. M. Wright, Bank of San
Jose Bldg., San Jose.
Architect—Wolfe & Higgins, Auzeais
Bldg., San Jose.

To Be Done by Day's Work.

DWELLINGS. Cost, \$3000 each
SAN FRANCISCO. W. Forty-fourth
Avenue 100 to 250 S. Geary St.
Seven one-story and basement frame
dwellings.
Owner—H. E. Brcs., 5326 Geary St.,
San Francisco.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco.

Plans Completed.
RESIDENCE. Cost, \$—
MIDDLETOWN, Lake Co., Cal.
One-story 5-room frame and plaster residence.
Owner—Dr. C. R. Deekelman.
Architect—Ernest H. Hildebrand, 110 Sutter St., San Francisco.

Segregated Figures to be Taken Next Week.
RESIDENCE. Cost, \$10,000
OAKLAND, Alameda Co., Cal. Laker-shore Highlands.
Two-story frame and plaster residence and garage (7 rooms and 2 baths).
Owner—Willis Lowe.
Architect—Willis Lowe, Menadnock Bldg., San Francisco.

Contract To be Awarded Shortly.
RESIDENCE. Cost, \$8000
SAN FRANCISCO, Union St. bet. Jones and Leavenworth Sts.
Two-story and basement frame and plaster residence (6 rooms).
Owner—D. Cerelli.
Architect—P. A. Porporato, 619 Washington St., San Francisco.

Low Bidder.
RESIDENCES. Cost, \$8000 and \$12,000
BERKELEY, Alameda Co., Cal. Spruce and Virginia Sts.
Two two-story frame and stucco residences.
Owner—W. J. Acheson.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Low Bidder—J. Brennan, 1519 Hearst Ave., Berkeley.
(43101) 1st report July 27, 1922.

SCHOOLS

Figures to be Taken in Two Weeks.
HIGH SCHOOL. Cost, \$150,000
EXETER, Tulare Co., Cal.
Three reinforced concrete high school buildings (gymnasium, auditorium and domestic science).
Owner—Exeter High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Day's work.
Bids will be called for a general contract with separate bids for the heating.

Heating Bids to be Called for End of This Week.
SCHOOL. Cost, \$—
EXETER, Tulare Co., Cal. Complete new heating system for present high school.
Owner—Exeter High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Day's work.

Plans Being Figured—Bids Close Aug. 7, 1922, 2 P. M.
SCHOOL BLDG. Cost, \$60,000
CONCORD, Contra Costa Co., Cal.
One-story frame or hollow tile school bldg. (10 classrooms and auditorium).
Owner—Concord Grammar School District.
Architect—Francis W. Reid, East St., Concord.
Day's work.
Segregated figures are being taken as follows: General contract, heating and ventilating, plumbing, plastering, painting, electrical work and blackboards. Plans may be obtained from the architect on a deposit of \$5.00.

Plans Being Figured.
Bids Close Aug. 8, 1922, 1 P. M.
SCHOOL & AUDITORIUM. Cost, \$65,000
ARBUCKLE, Colusa Co., Cal.
One-story brick and reinforced concrete school (6 rooms and auditorium).
Owner—Arbuckle Union Grammar School, District.
Architect—Jens C. Petersen, People's Savings Bank Bldg., Sacramento.
Figures are being taken for a general contract. Plans may be obtained from the architect on a deposit of \$15.

Plans Being Prepared.
BRICK SHOP. Cost, \$3000
NEWMAN, Stanislaus Co., Cal.
One-story brick shop, 32x60.
Owner—Newman High School District.

Architect—Francis W. Reid, East St., Concord.
Day's work.

Completing Plans—Figures to Be Taken Shortly.
Cost, \$35,000
KNIGHTS LANDING, Yolo Co., Cal.
Brick school with tile roof.
Owner—Knights Landing Grammar School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Bids to the amount of \$50,000 have been sold.

Plans Complete—Figures to Be Taken Shortly.
SCHOOL BLDG. Cost, \$190,000
COLTON, San Bernardino Co., Cal.
One and two-story brick school buildings—administration, auditorium and domestic science buildings.
Owner—Colton High School District.
Architects—Allison & Allison, 1405 Hibernian Bldg., Los Angeles.

Plans Being Figured—Bids Close Aug. 16, 1922, 7 P. M.
SCHOOL. Cost, \$110,000
REDDING, Shasta Co., Cal. East Side Grammar School. Two-story reinforced concrete and tile school bldg. (10 rooms and auditorium).
Owner—Redding School District.
Architect—Wollett & Lamb, Hagelstein Bldg., Sacramento.

See call for bids under official proposals.

Plans Being Figured. Bids close Sept. 11, 4:30 P. M.
SCHOOL. Cost, \$700,000
OAKLAND, CAL. 19th and 20th Aves., E. 18th and E. 20th Sts.
Two and three-story reinforced concrete and hollow tile school (Theo. Roosevelt High School).
Owner—City of Oakland.
Architect—C. W. Dickey, 2149 Broadway, Oakland.

Figures and being taken on the following segregations:
(1) General work.
(2) Tile roofing.
(3) Lathing and plastering.
(4) Painting.
(5) Plumbing.
(6) Heating and ventilating.
(7) Electrical work.
(8) Interior equipment work.
(See call for bids under official proposal section in this issue.)

Figures to be Taken Shortly.
ADDITION. Cost, \$70,000
SAN PEDRO, Los Angeles Co., Cal.
Mesa Street School.
Two two-story brick and stucco addition to school building.
Owner—Los Angeles Board of Education.
Architect—Frederick J. Soper, 1122 Story Bldg., Los Angeles.

Figures to be Taken Shortly.
SCIENCE BLDG. Cost, \$—
SELMA, Fresno Co., Cal.
Three-story reinforced concrete science building, 151x145.
Owner—Selma High School District.
Architect—Norman F. Marsh, 211 Broadway Central Bldg., L. A.

Commissioned to Prepare Plans.
SCHOOL. Cost, \$200,000
CHINO, San Bernardino Co., Cal.
Two-story 8-room concrete grammar school and a concrete auditorium; and study room addition to high school.
Owner—Chino School District.
Architects—J. C. Austin and Fredk. M. Ashley, Baker-Dewiler Bldg., Los Angeles.
Contractor—L. A. and Geo. M. Lindsey of Glendale.

Plans Being Prepared.
GYMNASIUM. Cost, \$35,000
MERCED, Merced Co., Cal.
One-story reinforced concrete gymnasium, 80x112.
Owner—Merced High School District.
Architect—W. E. Deedes, Merced, Cal.

Contracts Awarded.
SCHOOL. Cost, \$—
EXETER, Tulare Co., Cal.
Brick veneer grammar school.
Owner—Exeter Grammar School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
General Contract to W. J. Ochs, 465 Clark St., Fresno, \$78,701.
Heating and Ventilating (Direct Radiator System) to Latourrette-Fiedl Co., Sacramento, \$8760.
Blackboards to F. Weber, 985 Market St., San Francisco, \$120.
Shades to W. J. Ochs, \$320.
Linoleum to W. J. Ochs, 224 Sutter St., San Francisco, \$30.20.

Contract Awarded On a Cost Plus Basis.
DINING HALL. Cost, \$200,000
PALO ALTO, Santa Clara Co., Cal. University Grounds.
One-story reinforced concrete dining hall building (10 dining rooms connected by arcade).
Owner—Leland Stanford Jr. University.
Architects—Bakewell & Brown, 251 Kearny St., San Francisco.

Contract Awarded on Cost-Plus Basis.
DORMITORY. Cost, \$400,000
PALO ALTO, Santa Clara Co., Cal. University Grounds.
Two and three-story reinforced concrete dormitory building.
Owner—Leland Stanford Jr. University.
Architect—Bakewell & Brown, 251 Kearny St., San Francisco.

PORTERVILLE, Tulare Co., Cal.—Trustees of Porterville Union High School District have awarded contracts for equipment as follows: Heywood-Wakefield Co., San Francisco, \$4 at \$6.00 for 1250 office chairs; \$4.85 each installed on cem. fl., and \$4.45 on wood fl. F. Weber & Co., San Francisco, \$5000 for laboratory equipment. Durant Steel Locker Co., San Francisco, \$4700 for 750 steel lockers installed in main corridor.

ANTIOCH, Contra Costa Co., Cal.—Until August 7, 1:30 P. M., bids will be received by A. V. McPaul, Clerk, Riverview Union High School District, to install heating plant in the high school. Louis S. Stone, Architect, Eldorado Bldg., Stockton. See call for bids under official proposal section in this issue.

MAIRSVILLE, Yuba Co., Cal.—Until August 10, 6 P. M., bids will be received by Marysville Union High School District to construct gymnasium building. Chester Cole, Architect, Waterland-Breslau Bldg., Chico. See Call for bids under official proposal section in this issue.

FRESNO, Fresno Co., Cal.—Until August 12, 3 P. M., bids will be received by J. A. Polystess, clerk, Washington Union High School District, for furnishing general supplies, apparatus and some school furniture. Specifications of materials desired may be had from principal of school, G. N. Steyer, Route F, Box 81, Fresno, Cal.

MADERA, Madera Co., Cal.—D. Stephenson, Madera, only bidder, at \$546 awarded contract by Tharsa School District to install automatic water pressure system at Tharsa school.

A. E. LeitchFred Clark

CLARK & LEITCH

ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

LODI, Stanislaus Co., Cal.—Until August 7, 8 P. M., bids will be received by Wm. H. Fawcett, clerk, Lodi Grammar School District, 110 West Pine St., for furnishing and delivering 80 No. 2 desks, Triumph or equal, for Needham school; 80 No. 4, All-in-One type movable desks; 80 No. 5 All-in-One movable desks; 10 teachers' desks with book rack; 1 teacher's desk without book rack; 1 principal's desk; 11 teachers' chairs; 3 doz. kindergarten chairs. Mosher, or better. Certified check, 10 per cent, payable to clerk, required with each bid.

TURLOCK, Stanislaus Co., Cal.—Until August 22, 8 P. M., bids will be received by A. G. Crowell, clerk, Turlock Union High School District, to erect temporary 90 x 20-ft. school building; (2) to move and place "gymnasium" gymnasium and manual training shop buildings, including machinery, from present location to school property at Locust and High Sts.; (3) to construct cement floor in automobile shop; (4) for plumbing work in domestic science building, science building and gymnasium. Specifications may be had from clerk, Rt. 2, Box 50, Turlock.

MODESTO, Stanislaus Co., Cal.—Until August 14, 7:30 P. M., bids will be received by Kathleen G. Prewett, clerk, Modesto High School District, for furnishing and delivering 1880 sq. ft. blackboard; 10,000 lbs. (more or less) gas, fuel oil; 225 (more or less) school desks; 100 (more or less) chairs. Certified check, 10 per cent, payable to president board of trustees of district required. Specifications may be had from clerk.

ELK HILLS, Kern Co., Cal.—Currie & Bulgar, Kern County Land Bldg., at 3c10 awarded contract to Elk Hills School District to construct one-story frame addition to school. C. E. Kutzner, Bakersfield, only other bidder at \$4170.

KERMAN, Fresno Co., Cal.—Until August 19, 2 P. M., bids will be received by M. S. Meeker, clerk, Kerman Union High School District, to construct high school. Anton Johnson, architect, Kingsburg Bank Bldg., Kingsburg. Segregated bids are wanted. Bonds of \$150,000 voted to finance construction. See call for bids under official proposal section in this issue.

FOLSOM, Sacramento Co., Cal.—Until August 16, 5 P. M., bids will be received by R. G. Smith, clerk, Granite School District, to construct one-room manual training building on Grammar school site. Bids are wanted for hollow tile or frame construction. Plans may be had from clerk at Folsom.

DURHAM, Butte Co., Cal.—Until August 15, 3 P. M., bids will be received by Durham School District to remodel heating system in present school. W. H. Weeks, 301 Pine St., San Francisco, architect. See call for bids under official proposal section in this issue.

TULARE CO., Cal.—Until August 12, 3 P. M., bids will be received by W. T. Winter, clerk, Wilson School District, for repairs to school building. Ernest J. Kump Co., architects, Rowell Bldg., Fresno. See call for bids under official proposal section in this issue.

HANFORD, Kings Co., Cal.—Horchow-Cow Co., 204 N. Irwin St., Hanford, at \$894, awarded contract by Hanford Central Grammar School District to install return pump in fan room of school. Ford & Berry, Hanford, bid \$666.

JEROME, Arizona.—Eagan Constr. Co. of Phoenix was awarded contract at approximately \$200,000 for constructing Jerome high school. It will be Class B, accommodating 350 pupils. Brick and reinforced concrete construction, tile roof. Architects Lescher, Kibbey & Mahoney, Phoenix, prepared the plans.

MURRAY, Kings Co., Cal.—Until August 15, 7 P. M., bids will be received by P. A. Curry, Clerk, Sunset School District to paint Sunset School and out-buildings. Further information may be had from the clerk.

TAFT, Kern Co., Cal.—Bids were received on August 1, 1922, by the Board of Trustees of the Conley School District in Taft, for the construction of a two-story brick and plaster grammar school building, to contain twenty class rooms and an auditorium. Trewhitt and Shields, Rowell Bldg., Fresno, are the managers of construction. Contracts were awarded on the best combination bids submitted. Total cost, \$230,132. The following is a complete list of the bids received:

SPECIFICATION "A" CARPENTER WORK, ETC.

Contractors.	1 carp. work.	2 mill work.	3 con-crete.	4 glaz-ing.	5 line-um.	Totals
Barkelow & Gould, Tulare						\$80,768
Frederickson & Shannon, Fresno	\$50,833	\$12,500	\$17,800	\$975	\$1055	93,213
Anton Johnson					1596	96,623
	(Inc. Nos. 2 & 4)		(Inc. forms)			
Collman & Spiedel, S. F.						98,211
Reilly & Nemetz						106,743
Van Fleet Frear Co., S. F.					1500	
David Kennedy Co.					1530	
Fresno Planing Mill		16,400				
Hollenbeck Bush Hill		13,792				
Item 1	Carpenter work.					
Item 2	Mill work, f. o. b. job.					
Item 3	Concrete work without forms.					
Item 4	Glazing					
Item 5	Linoleum in place.					

SPECIFICATION "B" BLICK WORK

Paul Kindler, Fresno, Cal.	\$42,000.00
Hock & Hoffmeyer, San Francisco	44,850.00
Barkelow & Gould, Tulare, Cal.	47,200.00
A. J. Hendrickson, Bakersfield, Cal.	52,200.00
Anton Johnson, Kingsburg, Cal.	48,050.00

SPECIFICATION "C," STEEL WORK

	1 Reinforcing	2 Misc. iron	3 Ornamental
Anton Johnson	\$4416.00	\$6000.00	
(Inc. No. 3)			
Kyle Co., Fresno	4542.00	4121.00	\$2456.00
Lowth Iron Works, Los Angeles	4542.00	5580.00	2955.00
Edward Soule, San Francisco	2247.00		
(E. o. B. Taft)			

SPECIFICATION "D," NO. 1 TILE ROOF, NO. 2 PATENT ROOF

	No. 1	No. 2
Anton Johnson, Kingsburg	\$5950.00	\$1306.00
R. C. McMullen		2222.00
Fresno Roof & Paving Co.	5800.00	1494.00
Gadding & McBean Co., San Francisco	6340.00	
Johns Manville Co.	Alternate bid, \$2333.73	
J. A. Drummond, San Francisco	5060.00	
G. L. Passmore, Los Angeles	5290.00	
W. N. Tobins, Los Angeles	4570.00	

SPECIFICATION "E," PLUMBING

Latourrette - Fical Company, Sacramento	\$12,700.00
Luppen & Hawley and Thing, Sacramento	12,603.25
B. A. Newman Company, Fresno	12,623.00
Vitelle & Vitelle, Taft	9,300.00
Burnham Plumbing Company, San Francisco, combined with heating	31,431.00

SPECIFICATION "F," HEATING

Latourrette - Fical Co.	\$16,370.00	Alt. omitting classroom ded.	\$87,200.00
Luppen - Hawley & Thing.	17,701.00		8,425.00
E. A. Newman Co.	17,771.00		7,500.00
Williams Radiator Co.	31,431.00	combined with plumbing.	
Durnham, San Francisco	5,749.00	auditorium only.	
Williams Radiator Co.	9,000.00	remainder of building.	
Williams Radiator Co.	7,240.00	remainder of building.	
Vitelle & Vitelle	5,949.00	auditorium only.	
Vitelle & Vitelle	7,432.00	remainder of building.	
Vitelle & Vitelle	1,777.00	additional for oil burning equipment.	

SPECIFICATION "G," SHEET METAL AND TOILET PARTITION

Latourrette - Fical Co.	\$4,225.00
Standard Sheet Metal Co.	3,324.00
John R. Steffens Co., S. F.	1,335.00
less \$1620 if toilet part. omitted.	
toilet partitions only.	

SPECIFICATION "H," PLASTERING

Reilly & Nemetz, San Francisco (in connection with A only)	\$32,000.00
McGrue & Simpson, San Francisco	34,943.00
A. Knowles, San Francisco	35,400.00
Barkelow & Gould, Tulare	41,900.00
Anton Johnson, Kingsburg	42,680.00

SPECIFICATION "I," WIRING (NO. 1 WIRING, NO. 2 CLOCKS)

	No. 1	No. 2
Anton Johnson	\$6090.00	
(Nos. 1 & 2 combined)		
Barkelow & Gould	6360.00	
(No. 1 only)		
Newberry Electric	55.00	\$1331.00
Fresno Construction Company	6050.00	
(No. 1 only)		
United Electric Company	6703.48	488.85
Kingsburg Electric Company	5893.76	850.00
Standard Electric Company		1210.00
Pacific Electric Company		1100.00
Robinson Electric Company	7355.00	

SPECIFICATION "J," PAINTING

Joe Streeter, Fresno	\$5275.00
E. Zelinsky, San Francisco	6493.00
Anton Johnson, Kingsburg	7500.00
C. M. Johnson, Kingsburg	7850.00

SPECIFICATIONS "K," BLACKBOARDS

C. F. Weber, San Francisco	\$2333.00
Rucker - Fuller Company, San Francisco	2457.60

SPECIFICATION "L" FINISH HARDWARE

Fresno Hardware Company	\$3321.00
Hauser Window Company, San Francisco	\$2250.00
Kawneer Manufacturing Company, San Francisco, Alternate	\$2997.00 2748.00
Fresno Hardware Company	3425.00

SPECIFICATION "M"

Hauser Window Company, San Francisco	\$2250.00
Kawneer Manufacturing Company, San Francisco, Alternate	\$2997.00 2748.00
Fresno Hardware Company	3425.00
Specification A Items 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	\$65,635.00
Specification C Complete, steel	10,506.00
Specification D Item 1, Tile roof	5,950.00
Specification I Items 1 and 2	6,090.00
Specification J Complete, painting	7,500.00

AWARDS MADE AS FOLLOWS

To Anton Johnson, Kingsburg, Cal.	
Specification A Items 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	\$65,635.00
Specification C Complete, steel	10,506.00
Specification D Item 1, Tile roof	5,950.00
Specification I Items 1 and 2	6,090.00
Specification J Complete, painting	7,500.00
Total	\$95,681.00
Specification A—Item 3 concrete: Awarded to Frederickson & Shannon, Fresno, \$17,800.00.	
Specification B—Brick Work: Awarded to Paul Kindler, Fresno, \$42,000.00.	
Specification B—Item No. 2, Compn. Roof: Awarded to Fresno Roof & Paint Co., Fresno, \$1494.00.	
Specification E—Plumbing: Awarded to Vitelle & Vitelle, Taft, \$9300.00.	
Specification F—Heating and Ventilating: Awarded to Latourette-Fical Co., Sacramento, \$16,870.00.	
Specification H—Lathing and Plastering: Awarded to McGruer & Simpson, 180 Jessie Street, San Francisco, \$34,943.00.	
Specification G—Sheet Metal Work: Awarded to Standard Sheet Metal Works, Fresno, \$2304.00.	
Specification G—Toilet Partitions: Awarded to John R. Steffens Lormax Co., San Francisco, \$1335.00.	
Specification K—Blackboards: Awarded to Weber Company, C. F., San Francisco, \$2333.00.	
Specification L—"Finish Hardware": Awarded to Fresno Hardware Company, \$3324.00.	
Specification M—Window Hardware: Awarded to Kawneer Mfg. Co., Berkeley, \$2748.00.	

The above awards, based on best combination bids submitted—Total, \$230,132.00.

TULARE, Tulare Co., Cal.—Until 7:30 P. M., August 8, bids will be received by trustees of Tulare union high school district, for an addition and alterations to present high school building. Plans may be obtained from office of J. R. Henderson, 109 E. Tulare St. Certified check, 10 per cent. W. D. Cook, clerk. All former bids were rejected owing to an error in the proceedings and work ordered re-advertised.

REDDING, Shasta Co., Cal.—Until August 14, 7 P. M., bids will be received by E. C. Frisbie, Clerk, Redding School District to remodel West Side Grammar School. Plans may be had from the Clerk, North California National Bank Bldg., Redding.

FRESNO, Fresno Co., Cal.—Until August 16, 2 P. M., bids will be received by A. L. Schultz, clerk, Burrell School District, to alter and made additions to school. Glass & Butler, architects, Cory Bldg., Fresno. See call for this issue.

FLORIN, Sacramento Co., Cal.—Until Sept. 10 bids will be received by county superintendent of schools, Sacramento, to construct temporary frame school at Florin; cost not to exceed \$1000. Plans may be had from county superintendent of schools.

DEL PASO HEIGHTS, Sacramento Co., Cal.—Until Aug. 18 bids will be received by W. H. Roberts, Clerk, Del Paso Heights School District, for painting school house. Following materials to be used: White lead and linseed oil to be used in body of the building; roof oil colored green. Bids are asked for one and two coats. The tank house, which is a separate building, is to receive two coats with the same materials as used on the school building proper.

BURBANK, Los Angeles Co., Cal.—Until 7:30 P. M., Aug. 22, bids will be received by trustees of Burbank high school district for erecting a gymnasium bldg. and a manual arts bldg. at Burbank high school site. Allison & Allison, 1405 Hiernern Bldg., Los Angeles, architects. Bids will be taken separately on the general contr. and for plumbing and heating. The gymnasium bldg. will be 1-story and pt. 2-story, 45x119 ft., and manual arts bldg., 1-story, 100x40 ft.; frame and plas. constr., metal lath, clay tile and cemp. fgr., maple and cem. fls.

VENICE, Los Angeles Co., Cal.—Winter Constr. Co., 2141 Sacramento St., Los Angeles, was low bidder and was awarded a gen. contr. at \$78,900 for erecting new auditorium bldg. at Venice high school site. Lohman Bros. submitted the only bid at \$4900 on plumbing; it was rejected and the work will be re-advertised. The bldg. will be 2-stories, 75x116 ft., auditorium with balcony to seat 1300 people, music dept. to accommodate 200 people. Brick constr., ruffled brick facing, tile rfr., pine trim, maple fls. The other bids on the gen. contr. were: L. C. Bannister, \$102,890; L. A. Building & Contracting Co., \$105,750; Richardson Bldg. & Engineering Co., \$110,000; Bruce Stanton, \$112,554; Hubert-Wardall Construction Co., \$137,780; Darrell Conley Co., \$120,000; John Simpson & Co., \$125,000; R. H. Whinery, \$129,000.

SAN PEDRO, Los Angeles Co., Cal.—Wm. Stacko, 1711 W. Adams St., Los Angeles, has been awarded the gen. contr. at \$87,313 for erecting addn. to San Pedro high school bldg. Frank G. Kraker, Ferguson Bld., Los Angeles, architect. Other contrs. awarded were: Painting to A. Quandt & Sons, at \$4757; electric wiring to Renard-Stray Electric Co., at \$2263; plumbing to Arthur Hess at \$6308. The heating bids have been rejected and the work will be re-advertised. Two bldgs. each with basement, 95x73 ft., brick constr., plas. exter., clay tile rfr., reinf. concr. stairways and corridor fls.

INGLEWOOD, Los Angeles Co., Cal.—W. M. Bell, Douglas Bldg., was low bidder at \$26,597 on gen. contr. for erecting new school bldg. at Inglewood; Norman F. Marsh, 211 Broadway Central Bldg., architect. Low bids on other contracts were: C. C. Sutton on plumbing at \$3668; Potter Radiator Corp. on heating at \$1065; Golden State Electric Co. on wiring at \$395; and Ray A. Meyers, Inglewood, on painting at \$1200. Bids taken under advisement. Eight classrooms, frame and plaster construction, complete rfr.

BERKELEY, Alameda Co., Cal.—Until Aug. 15, 4 P. M., bids will be received by Clyde Blanchard, secretary, Board of Education, for industrial supplies and equipment for schools for fiscal year 1922-23. Specifications may be had from secretary, 2153 Allston Way, Berkeley.

BERKELEY, Alameda Co., Cal.—Bids were opened by the Berkeley Board of Education on August 1, for alterations to the Le Conte School, located at Elsworth and Russell Sts. Plans were prepared by Architect Wm.

C. Hays, First National Bank Bldg., San Francisco. The contract was awarded to Walter Murch, Federal Bldg., Oakland:
Walter Murch \$1875
Mathew Morton 2275
F. W. Maurice 2800
Walter Sorenson 2810

Fence for Columbus School
Awarded to Standard Fence Co., of San Francisco for \$730.30.

Fence for Emerson School
Awarding of contract postponed until the next meeting.

EXETER, Tulare Co., Cal.—Bids were received on July 29 by the board of trustees of the Exeter Grammar School District for the construction of a one-story frame and brick school building from plans prepared by Architect W. H. Weeks, 369 Pine St., San Francisco. The two lowest bids on each portion were taken under advisement until August 2. Following is a complete list of bids:

General Contract
(Alternate is an addition for changing to pressed brick.)

W. J. Ochs, 405 Clark St., Fresno, \$78,701, \$2400; Campbell Constr. Co., Sacramento, \$83,765, \$2500; Barkelow & Gould, Tulare, \$84,750, \$2380; Robert Trost, San Francisco, \$88,213, \$3700; Anton Johnson, Berkeley, \$89,000, \$5225; John Morton, San Francisco, \$89,765, \$1900.

Heating and Ventilating
(a) Direct Radiator System; (b) add for oil burner eq.

Latourette-Fical Co., Sacramento (a) \$8,760, (b) \$777; Carl T. Doel, Oakland (a) \$9,881, (b) \$754; B. A. Newman & Co., Fresno (a) \$9,904, (b) \$1,056; Visalia Plumbing Co., Visalia, \$10,086, (b) \$800; Hately & Hately, Sacramento (a) \$12,232, (b) \$888.

Blackboards
(a) composition; (b) addition for slate.
C. P. Weber Co., San Francisco (a) \$365, (b) \$130; Rucker-Fuller Desk Co., San Francisco (a) \$390, (b) \$25; Robert Trost, San Francisco (a) \$400, (b) \$150; W. W. Wentworth Co., San Francisco (a) \$504, (b) \$100; W. J. Ochs, Fresno (a) \$525, (b) \$1010; Barkelow & Gould (a) \$535, (b) \$1025; Campbell Constr. Co. (a) \$621.50, (b) \$157.50; Anton Johnson (a) \$887, (b) \$385.

W. J. Ochs, \$320; Anton Johnson, \$767; D. N. and E. Walter Co., San Francisco, \$809; W. and J. Sloane Co., San Francisco, \$874; Robert Trost, San Francisco, \$874.

Linoleum
Robert Trost, \$830; W. and J. Sloane, \$530.20; D. N. and E. Walter Co., \$858; Anton Johnson, \$1072; W. J. Ochs, \$1500; Barkelow & Gould, \$1600.

STOCKTON, San Joaquin Co., Cal.—The following bids were received on August 2, 1922, by the Board of Education of the City of Stockton for the construction of a thirteen-room and assembly hall, class "A" and "C" school building, from plans prepared by Architect Franklyn Warner, Belmont Bldg., Stockton. It is to be erected in Burkett Acres and will be known as the "Theodore Roosevelt School." Bids were also opened for the North Side Addition from plans prepared by Architects Davis-Holler-Pearce Co. Delta Bldg., Stockton. All bids were taken under advisement:

General Contract—Roosevelt School
Shepherd & Riley, Yreka \$119,267
Bldg., Stockton 120,260
H. E. Vickroy, Stockton 120,260
Brown & Stafford, Madera 121,901
Shutes & Miller, Stockton 122,774
R. W. Moller, San Francisco 122,977
Davison & Nicolsen, Stockton 129,326
Wm. G. Reed 140,147

Heating
Miller-Hays Co., 125 N. California, Stockton \$13,622
Stockton Plumbing & Supply Co., 13,704
Latourette-Fical Co., Sacramento 14,206
Edwin G. Smith, Yreka 14,875

North School—General Contract
R. W. Moller, Cal. Bld. S. F. \$56,911
Sample & Cody 59,440
Davison & Nicolsen 61,212
Shepherd & Riley 62,925

Heating
Miller - Hays Co. \$11,500
Latourette-Fical Co. 11,600
Stockton Plumbing Supply Co., 11,687

FRESNO, Fresno Co., Cal.—Until August 12, 8 P. M., bids will be received by J. A. Poytress, clerk, Washington Union High School District, for furnishing and delivering 150 class room school desks, No. 1 (25 of them backs) single, not adjustable with ink well and back shelf; 3 teachers' desks, oak, about 26x42 with 1 drawer on left and 3 on right; 60 steel lockers, 12x12x36-in., 2 tier, three clothes hooks, full locked doors, self latching, for padlock, perforated backs, adjustable front legs, green enameled, sloping top, (submit sample); 100 auditorium chairs, in groups of three, continuous back rails (submit samples).

FULLERTON, Orange Co., Cal.—Until 4 P. M., Friday, Aug. 18, bids will be received by the board of trustees of the Fullerton Union High School and Junior College, for the erection of a new power and heating plant, at the Fullerton High School, Fullerton. Bids will be taken on gen. contr., heating and ventilating and electric work. Carlton Monroe Winslow, 1134 Van Nuys Bldg., archt. One-sto., 40x112 ft., reinf. concr. constr., chimney 85 ft., steam plant, and tunnels connecting several bldgs.

INGLEWOOD, Los Angeles Co., Cal.—W. M. Bell, 23 Douglas Bldg., was awarded the gen. contr. at \$26,597 for erecting a new school bldg. at Inglewood; Norman F. Marsh, 211 Broadway-Central Bldg., Los Angeles, archt. Other contracts awarded were: Plumbing, to G. C. Sutton at \$3665; heating, to Potter Radiator Corp. at \$1065, and painting, to Ray A. Meyers, Inglewood, at \$1200. The bid of Golden State Electric Co., at \$295, on wiring was irregular and was rejected. Newbery Electric Corp. and Frewitt Electric Co. each bid \$423 and these bid were held under advisement; 8 classrooms, frame and plaster construction, comp. rig.

STORES AND OFFICES

Contract Awarded.
ALTERATIONS. Cost, \$30,000
SAN FRANCISCO. E. 5th Ave. between Anza and Geary.
One-story addition and alterations of building for telephone exchange.
Owner—Tae. Tel. & Tel. Co., 353 Grant Ave.
Architect—Owner.
Contractor—MacDonald & Kahn, 130 Montgomery St.

Figures to Be Taken Wednesday for Electrical Work and Plumbing.
ALTERATIONS. Cost \$
SAN FRANCISCO. SW. 4th and Market, ground floor of Pacific Bldg., extensive alterations for 3 stores.

Owner—I. Newbauer, G. Brenner and I. Rosenberg.
Engineers—Chas. Phillips and Fred B. McNally, 550 Montgomery St.
The lessees of the three stores are: Schultz Mutual Drug Co., Stark Millinery Co. and Moss Grove Co. The Kragen Woodworking Co. has been awarded the fixture and cabinet work for all three stores.
There is another store leased to Sidney Kohn, for which Bernard Joseph is the architect.

Plans Being Figured.
STORE BLDG. Cost, \$27,000
SAN FRANCISCO. NE. Mission St. and Eugene Ave.
One-story reinforced concrete store building, 100 x 58.
Owner—E. A. Cohen.
Architect—A. August G. Headman, Call Bldg., San Francisco.

Plans Completed.
OFFICE & STORE BLDG. Cost, \$40,000
SAN FRANCISCO. SW. Bush and Trinity St.
Two-story addition to present two-story concrete office and store building.
Owner—A. F. Rousseau, 110 Sutter St., San Francisco.
Architect—D. C. Coleman, 110 Sutter St., San Francisco.

Contract Awarded.
STORES. Cost, \$15,000
OAKLAND. W. Broadway 40 N. 23rd St.
One-story reinforced concrete stores.
Owner—John and Lillian McCaslin.
Architect and Contractor—M. I. Dieggs, Easton Bldg., Oakland.
R 14

Plans Being Figured. July 31, 1922
SERVICE STATION. Cost, \$12,000
SAN FRANCISCO. Fourth Ave. and Geary St.

One-story and mezzanine reinforced concrete garage and battery service station.
Owner—Jacob Weisbein.
Architect—H. C. Basmann, 251 Kearny St., San Francisco.

Permit Applied For.
ALTERATIONS. Cost, \$16,000
OAKLAND. Alameda Co., Cal. No. 416-420 Fifteenth St.
Alterations.
Owner—H. C. Capwell Co., 14th and Clay Sts., Oakland.
Architect & Contractor—Wm. Knowles, Central Bank Bldg., Oakland.

Figures to be Taken Shortly.
STORE BLDG., ETC. Cost, \$250,000
LOS ANGELES. Los Angeles Co., Cal. Hill St., bet. 8th and 7th Sts.
Eight-story and basement Class A store and loft building, 38x140.
Owner—Start Piano Co.
Architect—Stanton Reed & Hibbard, Metropolitan Bldg., Los Angeles.

Permit Applied for—To Be Done by Day's Work
MARKET BLDG. Cost, \$250,000
SAN FRANCISCO. S. Market 205 E. 8th St.
One-story steel frame Class B market bldg.
Owner—Crystal Palace Market Co., 1175 Market St., San Francisco.
Architect—D. C. Coleman, 110 Sutter St., San Francisco.
Day's work.

Contract Awarded.
AUTO SALES BLDG. Cost, \$15,000
FRESNO. Fresno Co., Cal. 1502 N. St.
Brick auto sales building, 75x100.
Owner—O. L. Everts and Jas. P. Ryan.
Lessee—R. C. Biglow.
Architect—Class & Butner, Cory Bldg., Fresno.
Contractor—E. Riggins, 1525 O St., Fresno

OFFICE BLDG. Cost, \$40,000
REDWOOD CITY, San Mateo Co., Cal. Broadway and Hamilton Sts.
One-story reinforced concrete Class C office building.
Owner—California Pacific Title Insurance Co.
Architect—G. Albert Lansburgh, 140 Montgomery St., San Francisco.
Figures are being taken by Mr. Col-lupy, Mercantile Trust Co., 464 California St., San Francisco.

Plans Being Figured.
OFFICE BLDG., ETC. Cost, \$—
LOS ANGELES. Los Angeles Co., Cal. Figueroa St. bet. Sixth and Orange Streets.
Three-story parish hall, 212x46; Three-story service building, 56x25 and two-story office building, 25x83 (reinforced concrete construction).
Owner—St. Paul's Pro-Cathedral.
Architects—Johnson, Kaufman & Coate 608 Union Bank Bldg., Los Angeles

SAN FRANCISCO, Cal.—Bids are being taken by A. A. Brown, 120 Market St., for the electrical work in connection with the construction of the Matson Navigation Office building now under construction on the southeast corner of Main and Market streets, Bliss & Paville, Balboa Bldg., are the architects. Bids will be opened on Aug. 16, 1922, 2 P. M.

Contract Awarded.
SALESROOM BLDG. Cost, \$25,200
STOCKTON, San Joaquin Co., Cal. Lot 14, Bk. 81, East of Center St.
Service Station and Auto Salesroom building.
Owner—L. E. Renny, 130 Miner St., Stockton.
Architect—None.
Contractor—H. E. Vickroy, 1122 North Commerce St., Sacramento.

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Official Proposals

NOTICE TO BIDDERS FOR HEATING SYSTEM

(School Heating System)

Notice is hereby given by the Board of Trustees of Riverview Union High School District that sealed bids will be received at the office of said Board in the High School Building, Antioch, California, up to the hour of one-thirty P. M. August the 7th, 1922, for the furnishing of work, labor and materials to install complete a Steam Boiler and Oil Burner for the High School Building, Antioch, California.

All bids are to be according to plans and specifications, which may be seen at the office of Louis S. Stone, Architect, Belding Building, Stockton, California, during business hours, and at the office of A. V. McFAUL, Clerk of the Board, 625 Railroad Avenue, Pittsburg, California.

All bids must be accompanied by a certified check, for not less than ten per cent of the amount bid, conditioned that the successful bidder shall enter into a contract in accordance with such bid, and file with said High School Board an approved surety company bond within ten days after the acceptance of his bid, which bond shall be conditioned for the faithful fulfillment of the contract entered into and to be for at least fifty per cent of the amount of the contract price for the work to be done.

All bids must be submitted upon forms obtained from the architect. The Board reserves the right to reject any and all bids.

Dated, July 29th, 1922.
By order of the Board of Trustees of Riverview Union High School District.

A. V. McFAUL,
Clerk.

NOTICE TO CONTRACTORS

(Marysville High School Gymnasium)

Notice is hereby given that the undersigned as Trustees of the Marysville Union High School District, Yuba County, Cal., will receive up to the hour of six o'clock P. M. of Thursday August 10th, 1922, sealed bids for the construction of a gymnasium building and boiler room on the southeast corner of Seventh and G streets, Marysville, Cal., all to be in accordance with the plans and specifications for same prepared by Chester Cole, Architect, Chico, Cal.

Each bid shall be accompanied by a check, certified by a responsible bank, payable to Peter Engel for the amount of 10% of bid as provided for in said specifications.

The Board of Trustees reserves the right to reject any and all bids.

Bids to be sent to or filed with Peter Engel, 414 E Street, Marysville, Cal.

PETER ENGEL, Chairman,
WALTER LEWIS,
J. B. STRAIN,
DUNNING RIBBOUT,
FRED YORE.

Trustees of Marysville Union High School District, County of Yuba, State of California.

NOTICE TO CONTRACTORS

(Kerman High School)

The Board of Trustees of the Kerman Union High School District, Kerman, California, will receive sealed bids up until 2 o'clock p. m. August the 19th, 1922, at the High School Building, Kerman, California, at which time and place said bids will be opened and read in public, for furnishing the required labor and materials for, and erecting and completing the proposed new High School Building in accordance with plans and specifications prepared by Anthony Johnson, Architect, of Kingsburg, California.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

Bids will be received separately for the different segregated contracts, as follows:

CONTRACT No. I: For the Excavating, Concrete, Carpenter Work, Brickwork, Masonry Work, Terra Cotta and Cast Cement.

CONTRACT No. II: Sheet Metal.

CONTRACT No. —: Lathing and Plastering.

CONTRACT No. V: Blackboards.

CONTRACT No. VI: Painting.

CONTRACT No. VII: Plumbing.

CONTRACT No. VIII: Electrical Wiring.

CONTRACT No. IX: Program Clock.

CONTRACT No. X: Heating.

CONTRACT No. XI: Hardware.

CONTRACT No. XII: Metal Lockers.

CONTRACT No. XIII: Acoustical Felt.

CONTRACT No. XIV: Lighting Fixtures.

CONTRACT No. XV: Venetian Blinds.

NOTE: Contractors may bid on any contract or any combination of contracts and the board reserves the right to avoid contracts accordingly.

Certified check or bidder's bond for an amount not less than 10 per cent (10 per cent) of amount of bid should accompany each proposal, made payable to the order of Mr. M. S. Meeker, Clerk, or the Kerman Union High School District, as a guarantee that the bidder will, within ten (10) days after being notified of the acceptance of his bid, enter into a contract with said High School Board in accordance therewith, and shall furnish bonds as required by the specifications. Said checks to be forfeited to the said High School District should the bidder refuse to execute contract and furnish bonds as above mentioned.

Plans and Specifications for all the above work may be seen in the office of Anton Johnson, Architect, Kingsburg, California.

A deposit of Twenty-five Dollars (\$25.00) will be required for the plans and specifications. This deposit to be refunded on the return of the plans and specifications accompanied with a bond for the bid.

The Board of Trustees of the Kerman Union High School District reserves the right to reject any or all bids submitted.

By order of the Board of Trustees, Kerman Union High School District, by Mr. M. S. Meeker, Clerk.

Plans and Specifications for all the above work may be seen in the office of Anton Johnson, Architect, Kingsburg, California.

A deposit of Twenty-five Dollars (\$25.00) will be required for the plans and specifications. This deposit to be refunded on the return of the plans and specifications accompanied with a bond for the bid.

The Board of Trustees of the Kerman Union High School District reserves the right to reject any or all bids submitted.

By order of the Board of Trustees, Kerman Union High School District, by Mr. M. S. Meeker, Clerk.

NOTICE TO HEATER BIDDERS

(Durham School—Heating)

Notice is hereby given that sealed bids will be received by the Board of Trustees of Durham School District up to the hour of 3 o'clock P. M. Thursday, August 15, 1922, at Durham school house, for remodeling the present heating system. Specifications may be obtained at the Commercial Bank of Durham, or at the office of W. H. Weeks, 369 Pine St., San Francisco. All proposals must be accompanied by a certified check in the amount of 5 per cent of the total bid, as a guarantee of the faithful execution of the contract by the successful bidder, in accordance with the bids. The check of any successful bidder to be forfeited to the Durham School District in liquidated damages in case such bidder fails to enter in contract or furnish bonds as herein required, both within ten days after the award of the contract.

The Board reserves the right to reject any and all bids.

At the time of entering into the contract, the contractor is to furnish a bond to the trustees of Durham School District in the sum of 50 per cent of the amount of the contract, conditioned upon the faithful performance of the same with sureties satisfactory to the Board of Trustees.

Address communications to G. W. JONES, Clerk.

(Signed) G. W. JONES,

G. E. LAXTER,

C. A. COOLEY,

Trustees.

NOTICE TO CONTRACTORS

(School Repairs—Wilson District)

Notice is hereby given that the Board of Trustees of the Wilson School District, County of Tulare, State of California, will receive sealed bids for the furnishing of all labor and material necessary in the erection and completion of out buildings, repairing and remodeling of present school buildings, insulation of heaters and side walks on school grounds, according to plans and specifications which may be obtained at the offices of the District Architects, Ernest J. Kamp Company, 297-S Rowell Bldg., Fresno, California, according to alternate bids asked for in Specification.

Said sealed bids will be received up to and including 3 P. M., of the 12th day of August, 1922, by the Clerk of the Board.

All bids must be accompanied by a 10% certified check or bidder's bond, made payable to the Clerk of the Board.

The successful bidder will have to give a 50% bond covering labor and material and 20% for faithful performance called for in Specifications.

The Board reserves the right to reject any and all bids or any part or parts of any bids and to reject the balance thereof, and to waive any informality in any bids or alternate bids received.

All bids to be addressed to W. T. Winter, Clerk of the Board of Trustees of the Wilson School District, Tulare County, California.

By order of said Board of Trustees,
W. T. WINTER, Clerk.

PROPOSAL FOR BIDS

(University of California—Paving)

Sealed bids will be received at the Office of the Comptroller, University of California, Berkeley, California, at or before 9 A. M. August 10, 1922, for the improvement of Oxford Street, Berkeley, opposite property of the Regents of the University of California.

Plans and specifications may be obtained at the office of the Engineer, 303 California Hall. No bids will be considered unless accompanied by a certified check or bond in favor of the undersigned, equal to 10% of the bid to secure execution of the contract by the successful bidder.

The right is reserved to reject any or all bids.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.

Engineering News Section

BRIDGES, DAMS & HARBOR WORK

See applications filed and permits granted by State Water Commission in this issue.

SAN FRANCISCO—Until August 10, 11 A. M. bids will be received by the State Board of Harbor Commissioners, Ferry Bldg., to construct extension to Pier 44; to be 145 ft. wide and 148 ft. long; deck and superstructure of wood supported on concrete piles; the structure is a two-story shed, second floor of which is supported by steel girders. Frank G. White, Chief Eng. Harbor Commission.

RIVERSIDE, Cal.—Until August 21, bids will be received by county supervisors to construct Rubidoux bridge, all bids received July 21 having been rejected because district attorney said contract could not legally be awarded on basis as received. Bids will be taken on Leeson plans for bridge structure and Houghton & Bonte design for structure above roadway.

deVaard & Cobham, 207 Granger Bldg., San Diego, submitted the lowest bid to supervisors July 21, at \$31,900 for erecting a reinf. concrete bridge over Santa Ana river, to be known as Rubidoux bridge, in accordance with plans and specifications by R. V. Leeson, 207 L. A. Ry. Bldg., Los Angeles. Other bids on the same plans were: Edgar T. Wheeler Co., Los Angeles, \$87,540; W. M. Ledbetter Co., Los Angeles, \$93,360; deVaard & Cobham submitted the only bid on plans and specifications by Engineers Houghton & Bonte of San Francisco, at \$129,000. The design of R. V. Leeson calls for five 100-ft. spans with 24-ft. roadway between center line of 2-ft. 6-in. estimated quantities are: 2630 cu. yds. concrete, 76 tons reinforced steel, 9000 lin. ft. cedar piling, with foundations 20 ft. below stream bed. The Houghton & Bonte designers for a three-arched arch, reinforced concrete bridge of seven 72-ft. spans, with four arch ribs, footings on 5-ft. concrete cylinders instead of piles and 9-in. concrete deck.

SANTA BARBARA, Santa Barbara Co., Cal.—Until 10 A. M. August 7, bids will be received by county supervisors to construct reinforced concrete bridge deck with stone railing and two abutments with wing walls over Santa Monica Creek on Foothill Road in the First Road District. Plans and specifications on file with clerk. Certified check, 10%. Owen H. O'Neill, county surveyor.

SAN DIEGO, Cal.—A special election will be called within the next three months to vote between \$400,000 and \$500,000 for construction of mole type pier at foot of Broadway. About \$200,000 is now available. The total would make it possible to construct a pier, with 2400 ft. apron, a transit shed 400 ft. wide, by 1000 ft. long, with necessary trackage. In preparing plans and specifications two types have been suggested. They are: (a) comprising a fill for the full width of pier to approximately five feet of grade, and the rapping of the fill at the construction of the concrete wall at the back of the apron around the entire pier. (b) comprising the dredging of the ship of the apron wharf, the rapping of this fill so as to form the sand backing for the apron wharf, the rapping of this fill and the construction of an apron wharf along the south

side only leaving the fill to take a natural beach slope on the north side of the wharf.

PORTLAND, Ore.—Until August 11, 10 A. M. bids will be received by C. H. Purcell, engineer, U. S. Bureau of Public Roads, 316 P. O. Bldg., Portland, to construct two bridges on Alsea River (road in Lincoln county in Siuslaw National Forest, involving 78 cu. yds. concrete, classes A and B; 2200 lbs. of reinforcing steel; 44.5 tons of structural steel; erection and haul only); 320 lin. ft. decking and hand-rail; 5600 lin. ft. piling; one 150-ft. housed Howe truss span.

SAN BERNARDINO, Cal.—George Gardner, San Bernardino, awarded contract by city council at \$13,990 to construct reinforced concrete arch bridge over Warm Creek at Third St. George Herz awarded contract at \$15,948 to construct a similar type of bridge over Warm Creek at Arrowhead Ave.

PHOENIX, Ariz.—W. D. Northern Co. of Phoenix, awarded contract by Maricopa county highway commission, at \$34,615.90, to construct reinforced concrete bridge over New River on project No. 46 of highway system (Federal aid project No. 48), involving 1585 cu. yds. approach fills at 30c yd., 1400 cu. yds. structure excavation at \$1.40 yd., 974 cu. yds. "A" concrete at \$19.50 yd., 383 cu. yds. "B" concrete at \$15.25 yd., 131,400 lbs. reinforced steel at 5c lb., 283 sq. yds. concrete paving at \$2.75 yd. Other bids were: J. L. Hoopes, \$35,442.25; deVaard & Cobham, \$36,500; L. A. Lashmet, \$37,769.60; Twohy Bros., \$46,847.13.

NEVADA—George W. Borden, state highway engineer, preparing specifications for steel bridge in Washoe county over Truckee river at Wadsworth, 200-ft. span, and for constructing overpass in Humboldt county over S. P. railway at Winnemucca.

SALEM, Ore.—H. E. Doering, 568 Maple St., Portland, at approximately \$125,000, awarded contract by State Highway Commission to construct reinforced concrete arch bridge over North Umpqua River on Pacific Highway near Roseburg. Will consist of seven 112-ft. reinforced concrete arches; total length, approximately 1600-ft.

SAN LUIS OBISPO, Cal.—R. A. Carson, 305 Poplar Ave., Modesto, at \$7450, awarded contract by city council to construct concrete culverts.

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IRRIGATION PROJECTS

See applications filed and permits granted by State Water Commission in this issue.

MERCED, Merced Co., Cal.—C. R. Adams submits low bid to Merced Irrigation District to construct "Planada-LaGrand canals, Division 1, at \$87,576; Division 2 at \$22,694; Division 3 at \$27,685. On Division 1, the bidder requested that he be allowed to withdraw the bid. Complete list of bids follows:

Division 1: D. A. Foley & Co., \$287,474; Charles Thompson, \$141,282; C. R. Adams, \$87,576; Ross Constr. Co., \$144,900; George Pollock Co., \$144,900; P. L. Burr, \$159,190; Utah Constr. Co., \$152,754; Hewitt & Feich, \$123,624.

Division 2: D. A. Foley & Co., \$112,573; Charles Thompson, \$36,822; Isbell Constr. Co., \$55,465; C. R. Adams, \$22,694; Ross Constr. Co., \$41,620; George Pollock Co., \$37,572; P. L. Burr, \$66,582; Utah Constr. Co., \$64,477; Spencer D. Miller, \$34,418; Blumenkrantz & Vernon, \$23,307.

Division 3: D. A. Foley, \$106,286; Charles Thompson, \$34,704; Isbell Constr. Co., \$55,220; John Phillips, \$31,774; C. R. Adams, \$27,685; Ross Constr. Co., \$55,240; George Pollock Co., \$33,274; P. L. Burr, \$62,864; Utah Constr. Co., \$60,894; Spencer D. Miller, \$32,491; Blumenkrantz & Vernon, \$27,685.

MERCED, Merced Co., Cal.—C. R. Adams, Biggs, Calif., at \$22,694 and \$27,685, awarded contract by the Merced Irrigation District to Le Grand-Planada canals, in Divisions 2 and 3, respectively. Bids for work in District 1 rejected and work will be done by the District.

TURLOCK, Stanislaus Co., Cal.—Following bids rec. and taken under advisement by Turlock Irrigation District: H. Meikle, ch. eng., to const. 28-miles of transmission line.
W. A. Kraner, Balboa Bldg., San Francisco, copper wire, \$169,000; aluminum, \$178,200. For labor and materials.

H. S. Tittle, 766 Folsom St., San Francisco, copper wire, \$153,360; aluminum, \$142,360. For labor and materials.

For labor only following bids submitted:

H. S. Tittle, 766 Folsom St., San Francisco, \$31,100; P. C. Severin, \$46,800; Continental Construction Co., \$67,000; H. P. Lloyd, \$69,845; Duncan-Harrelson, \$49,876.

For equipment only following bids submitted:

Western Electric Co., towers, \$250 each; General Electric Co. switchboards, \$18,250; J. A. Reoblings, copper wire, 17 1/4 lb.; Standard Underground Cable Co., 17 1/4 lb.; Aluminum Co. of America, 1904 lb.; Baker-Joslyn Co., insulators, \$1.87 each; alternate for insulators, \$2.53 each; Latt Insular Co., \$2.25 each; Pacific States Electric Co., insulators, \$2.30 each, copper wire, 1662; Ohio Brass Co., insulators, \$2.35 each; Pacific Coast Steel Co., towers, \$110 each; Westinghouse Electric Co., insulators, \$2.47 each.

LIGHTING SYSTEMS

DINUELA, Tulare Co., Cal.—City trustees plan to install 367 electrolytic standards in downtown district. C. E. Sloan, Santa Fe Bldg., San Francisco, city engineer.

Architects—Engineers— City and County Officials

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Building & Engineering News

PASADENA, Cal.—City directors declare intention to construct conduits, ornamental lighting posts, etc., on Los Robles Ave. between Alpine St. and 350 ft. south; 1911 Act. Work will comprise six cast-iron posts, with wiring, etc., complete.

LOS ANGELES, Cal.—City council declares intention to install lighting posts and appliances in the following streets: Sixth St. between Pacific Ave. and Harbor Blvd., San Pedro Blvd. and way between 50 ft. s. w. of 10th St. and Pico St. Work to be done under 1911 Act.

SEATTLE, Wash.—J. E. Downie, North Block, at \$8841 awarded contract by board of public works to furnish 432 cedar poles for use in construction transmission line connecting "muny" light and power plants of the cities of Seattle and Tacoma. J. L. Smith bid \$12,804.

DINURA, Tulare Co., Cal.—City trustees, C. T. Reagan, clerk, declares intention to construct electrother lighting system, cable conduits, etc., in all of Sierra Way, G. H. I. J. K. L. and Tulare Sts. and Amador St., between K and L; Mariposa, between El Monte and L; Merced between El Monte and L; Fresno between El Monte and L; Kern between Colliage and M; Ventura between College and L; Monterey between College and L; M between Fresno and Kern; Coliège between L and J, from I to Tulare; Alta, from north city limits to L; El Monte between Alta and east city limits. 1911 Act. Engineer, A. E. Sloan, Santa Fe Bldg., San Francisco, city engineer.

MACHINERY

See applications filed and permits granted by State Water Commission in this issue.

ABERDEEN, Wash.—Until August 6 bids will be received by Port of Grays Harbor for furnishing and delivering one 5-ton or 7½-ton 7-ft. span, null type traveling crane.

ANTIOCH, Contra Costa Co., Cal.—Following bids received by city trustees to furnish 50 water meters: Hershey Mfg. Co., \$10.75 each for 5½-in. size, with standard coupling, lead and bronze; National Meter Co., their type K-Nask, complete, \$9.75 each, and Empire meter, \$12.75 each; Neptune Meter Co., \$11.30 and \$11.61 each, short and long couplings, respectively; Taze meter, \$9, with iron case instrument, bronze case, \$9.75; Worthington meter, \$9.45.

Bids for concrete meter boxes were: Arco Concrete Works, L. O. by Antioch, \$11.30 each; Fermi Mfg. Co., \$1.35 each. Bids taken under advisement.

SACRAMENTO, Cal.—Until August 3, 3 P. M., bids will be received by City Engineer, for furnishing and delivering traffic signs to city. Spec. and blanks for bidding on file in office of clerk.

LOS ANGELES, Cal.—Until 3 P. M., August 18, bids will be received by public service commission, 207 S. Broadway, for 33,000 volt switches. Specification P-282. James P. Vroman, secretary.

LOS ANGELES, Cal.—Until 3 P. M., August 11, bids will be received by public service commission, 207 S. Broadway, for three 200 K. V. A. 50-cycle, 33,000-16,500 to 125 volts, electric furnace transformers. James P. Vroman, secretary.

LOS ANGELES, Cal.—Until 3 P. M., August 8, bids will be received by public service commission, 207 S. Broadway, for two gates, guide bearings and gate stems, two gate lifting cylinders, and one tower ladder complete. Specifications No. 232-227. James P. Vroman, secretary.

SAN FRANCISCO—Until August 11, 3 P. M., bids will be received by J. S. Dunningham, clerk, board of supervisors, for furnishing and delivering pumping and engineering supplies for three month period. Blanks for bidding will be furnished on request.

GLENDALE, Cal.—Until 7 P. M., August 10, bids will be received by city council for 300 tons 1-in.; 100 tons 1½-in. and 50 tons 2-in. Class "C" pipe, 6 in. diameter, Glendale, certified check, 10 percent. A. J. Van Wie, city clerk.

MONTEREY, Monterey Co., Cal.—Standard Oil Co. applies to city trustees for permit to install 20,000 gal. gasoline tank at its plant here.

CONDON, Ore.—Crane Co., at \$1496 awarded contract by city council to install pumps and to Fairbanks, Morse Co., at \$7500, to install engines for water works system. Stevens & Koon, Spalding Bldg., engineers, Portland.

LOS ANGELES, Cal.—Bids received by board of harbor commissioners for pipe machine with motor complete. W. Smith, South-Usher Co., \$1112, delivery in 30 days. Shipments from Cleveland; Crane Co., \$1069, 35 days; same shipping point; Shaw-Palmer-Bakewell Co., \$1049, 40 days, same shipping point, 2 per cent discount for prompt payment.

MONTEREY, Monterey Co., Cal.—A. Paladini Co., applies to city trustees for permit to install ice plant at its fishery on municipal wharf.

OAKLAND, Cal.—Until Aug. 8, 2 P. M., bids will be received by Henry P. Vogt, secretary, Park Commission, for bering works. Bond of \$900 required of successful bidder. Specifications may be had from secretary.

REDDLEY, Fresno Co., Cal.—Fittsburg-Des Moines Steel Co., Rialto Bldg., San Francisco, at \$6359 awarded contract by the City Trustees to erect a 50,000-gallon capacity steel tank and tower. Other bids: Minneapolis Steel & Machinery Co., Salt Lake City, \$7448; Chicago Bridge & Iron works, Rialto Bldg., San Francisco, \$6400; Union Constr. Co., Balfour Bldg., San Francisco, \$8526.

SACRAMENTO, Cal.—Until August 9, 10 A. M., bids will be received by H. C. Pottoff, City Controller, for purchase of following material at Filtration plant, no longer required by the city: 3 pieces 118½ arch steel sheet piling 50 inches long and 1 piece 148½ arch steel sheet piling 40 inches long.

DINURA, Tulare Co., Cal.—City Clerk C. T. Reagan will call bids for furnishing pump for "muny" water system; estimated cost, \$4500.

NEVADA, Nev.—Until 7:30 P. M., August 21, bids will be received by City Clerk Alfred Smith for furnishing and installing centrifugal pump at pumping plant of city water dept. Spec. may be obtained from Paul E. Krey, consulting engineer, H. W. Helfman Building, Los Angeles, or at office of city clerk.

RAILROADS

SAN FRANCISCO—Until Sept. 6, 3 P. M., bids will be received by Board of Public Works for furnishing and delivering place of manufacture or f. o. b. cars. San Francisco:

Twenty or more car bodies; bond of \$45,000 required of successful bidder. For furnishing and delivering street car trucks; bond of \$10,000 required. For furnishing and delivering street car air brake equipment; bond of \$2500 required.

Specifications may be had from City Engineer M. M. O'Shaughnessy, third floor, City Hall.

LOS ANGELES, Cal.—Until to be received by harbor comm., rm. 33, city hall, for railroad ties. Spec. No. 407. Cert. check, or bond, 10%. Guy W. Wade, secretary.

EAST SAN DIEGO, Cal.—Having been car tracks on University Ave., by Street Railway Co., company, will be started soon. The decision followed a conference between John D. Spreckels and street railway officials, when it was decided to relay all tracks, installing heavier equipment. The paving is estimated to cost \$150,000.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

CALIFORNIA Following bids received July 31 by State Highway Commission—Colusa and Sutter Counties: 1st Colusa and Long Bridge, 10.9 mi., to be paved with Port. cem. conc., involv. item (1) 40,600 cu. yds. excavation without classification; (2) 5000 cu. yds. gravel or broken stone in sub-base; (3) 16,550 cu. yds. Class A Port. cem. conc. (pavement); (4) 55 cu. yds. Class A Port. cem. culverts and monuments; (5) 392 lin. ft. 12-in. corr. metal pipe; (6) 310 lin. ft. 18-in. corr. metal pipe; (7) 230 cu. ft. 24-in. corr. metal pipe; (8) 2056 lin. ft. guard rail; (9) 80 monuments. Alternative items: (10) 392 lin. ft. 12-in. rein. conc. pipe; (11) 310 lin. ft. 18-in. rein. conc. pipe; (12) 230 lin. ft. 24-in. rein. conc. pipe. Alternative Items 10, 11 and 12 are to be considered as alternative for Items 5, 6 and 7. Bid (a) corrugated metal pipe; (b) reinforced concrete pipe. Earned, Savage & Fern, Tacoma, Wash., at \$13,754.80. (b) \$13,754.80. Frederickson & Shannon, Fresno, (a) \$128,357.99, (b) \$127,950.30; N. M. Edl, Porterville, (a) \$128,291.80, (b) \$128,336; Galbraith & Jones, Napa, (a) \$127,184.8, (b) \$137,518.76; Johnson Contracting Co., Portland, (a) \$147,295.80, (b) \$145,361.30; Bates & Borland, Oakland, (a) \$147,555.50, (b) \$147,958.50; Heafey, Moore & McNair, Oakland, (a) \$152,427.10, (b) \$152,427.10; John Doyle, San Jose, (a) \$159,784.90, (b) \$159,995.40; J. A. Costello, Jr., San Francisco, (a) \$163,993, (b) \$164,535; Hammerkanz & Vernon, Stockton, (a) \$162,979.10, (b) \$164,533.60; Northern California Contracting Co., San Francisco, (a) \$166,266.20, (b) \$168,079.70; S. A. Mucci, Roseville, Ore., (a) \$166,450, (b) \$166,029; Kaiser Laying Co., Oakland, (a) \$178,687.50, (b) \$179,023. Engineer's estimate, (a) \$136,009.30, (b) \$136,534.90.

Huyo County: Bet. Fish Springs School and SE. cor. Sec. 23, T. 88, R. 32E, M.D.E. & M., 11.7 mi. to be graded, involv. 75,000 cu. yds. excavation without classification; 270 cu. yds. Class A Port. cem. conc. culverts and monuments; 1588 lin. ft. 12-in., 636 in. 18-in. 282 lin. ft. 24-in., 60 lin. ft. 30-in. and 70 lin. ft. 36-in. corr. metal pipe; 2.5 mi. moving and resetting property fences; 400 lin. ft. guard rail; 85 monuments.

Redmond-Page & Pond, San Francisco, \$67,333.50; H. Francisco, Los Angeles, \$67,812.20; Nevada Contracting Co., Fallon, \$71,458.50; Leonard Summers, Bishop, \$71,645.80; Isbell Const. Co., Fresno, \$84,908.50. Engineer's estimate, \$64,036.

Madera County: Between Arcola School and Borden Station, 0.8 mi., to be surfaced with asphalt conc., involv. 1400 tons asphalt conc., Federal Const. Co., San Francisco, \$13,860, \$16,100; Costello, Jr., San Francisco, \$16,100; Thompson Bros., Fresno, \$19,600. Engineer's estimate, \$15,400.

Kern County: Bet. Cottonwood Creek and First Crossing Kern River, 6.8

ml. to be graded, involy. 220,000 cu. yds., excavation without classification; 370 cu. yds. Class A Port. cem. con. (culverts and monuments); 4700 cu. yds. rubble masonry (retaining wall); 1300 cu. yds. ry. rubble (retaining walls); 60 lin. ft. 12-in. corr. metal pipe; 18-in. and 134 lin. ft. 30-in. corr. metal pipe; 220 lin. ft. guard rail; 116 monuments.

W. F. Mead, San Francisco, \$281,157; Erickson-Peterson & Grier, San Francisco, \$287,177; C. H. Hudson, Los Angeles, \$326,955; Ralph McLeran Co., San Francisco, \$357,315; Ross Constr. Co., Sacramento, \$357,142; Redmond-Page & Pond, San Francisco, \$370,000; P. L. Burr, San Francisco, \$383,964; Johnson Contracting Co., Portland, \$448,787, 50. Engineer's estimate, \$248,652.

OAKLAND, Cal.—W. J. Tobin, 527 Santa Ray Ave., Oakland, at \$13,478, awarded contract by city council to lay sewers involving 10,300 lin. ft. 6-in. vit. salt-glazed sewer pipe; 450 6-in. wyces with 4-in. inlets; 16 6-in. tees with 6-in. inlets of vit. salt-glazed sewer pipe; to be furnished by contractor; 2 1/2 miles laying sewers. Other bids: D. Milosovich, Los Angeles, \$17,000; E. M. Payne, San Luis Obispo, \$18,250; Joe Chutuk, Los Angeles, \$16,618; M. P. Edwards, Oakland, \$16,750; R. A. Carlson Co., Oakland, \$17,779.

LOS ANGELES, Cal.—Leo Miletich, 610 W. 54th St., awarded contract by board of public works at \$55,000 to construct sewers in 82nd St. between San Pedro St. and Main St.

OAKLAND, Cal.—City council, E. K. Sturges, clerk, declares intention (24464) to improve portions of Hillsborough St. east of Wesley Ave. by grading; constructing concrete curbs and gutters; oil macadam paving. 1911 Act.

Intention (24466) declared to construct 8 in. vit. sewer, lampholes and wyes in southwest side of Kanning St., from Mayhelle Ave. north 1911 Act. Protests August 17. W. W. Harmon, city engineer.

LOS ANGELES, Cal.—Cement Construction Co., Chamber of Commerce Building, awarded contract by board of public works at \$20,370.41 to pave Meridian St. between Neva Pl. and Ave. 27, involving 372 sq. ft. concrete paving, including grading at 22c ft.; 61,910 sq. ft. rough grading to grade at 11.5c ft.; 61,910 sq. ft. finish grading, oiling and rolling at 7c ft.; 3302 ft. curb at 70c ft.; 16,749 sq. ft. walk at 22c ft.; 7925 sq. ft. concrete gutter at 31c ft.; 375 ft. house sewers at 95c ft.

OAKLAND, Cal.—Until August 10, 12 M. bids will be received by E. K. Sturges, city clerk, to improve portions of 52nd Ave. by grading; constructing concrete curbs and gutters; oil macadam paving.

Separate bids to improve 14th St. between Market and Poplar by grading; constructing concrete curbs and gutters; asphalt concrete paving; br. manhole; 7 hr. catbasins; vit. pipe conduits.

Separate bids to improve portions of 35th Ave. by grading, constructing concrete curbs and gutters; oil macadam paving. All 1911 Act. W. W. Harmon, city engineer.

WATTS, Cal.—Thompson & Packard, 1113 W. 40th Pl., Los Angeles, awarded contract by city trustees at \$198,000, to construct a sewer system for city of Watts, work to be done under 1911 Act. Ralph E. Tryon submitted a bid of \$487,775, but it was rejected. Other bids were: Fred Hoffman, Long Beach, \$544,700; J. P. Kennedy, \$544,900, and J. G. Beckford, \$551,000. Bids were taken twice previously on this job, but each time the low bidder failed to qualify. Thompson & Packard are Salt Lake City contractors. Koebig & Koebig, Title Insurance Bldg., Los Angeles, engineers.

LOS ANGELES, Cal.—County supervisors adopted resolutions of intention to pave Park Ave. between Manchester South and Lemon Ave. (R. D. 1, No. 158), 23,611 lin. ft. 4.4 miles, involving 27,971 cu. yds. excavation, 59,856 sq. yds. shaping roadbed, 10,153 sq. ft. disintegrated granite in place, 59,856 sq. yds. concrete pavement, 36 lin. ft. 30-in., 180 ft. 24-in., 183 ft. 18-in. rein. conc. pipe in place, 132 ft. 18-in. corr. iron pipe in place, five culverts in place, 30 cu. yds. headwalls in place. Materials required are: 14,900 tons disintegrated granite, 10,000 bbls. cement (furnished by county); 6709 bbls. cement, 1380 tons gravel, 28,197 lbs. steel, 43 M. E. M. 2x3 lumber, 7484 tons sand, 325 lbs. No. 70 oil, 18 conc. manhole covers. Estimate contract price, \$187,974.20.

MODESTO, Stanislaus Co., Cal.—Until August 9, 8 A. M., bids will be received by L. A. Love, city clerk, to improve Morris Ave. between McIlenny to west line Blocks 605 and 606, and Auburn and Castle Sts. from Morris Ave. to Lucern Ave. involving 165,200.08 sq. ft. grading; 154,809.47 sq. ft. 2 1/2-in. asph. conc. base with 1 1/2-in. Warrenite surface pavement, 13,356.61 sq. ft. gutter; \$325.72 lin. ft. curb; 1258 lin. ft. header; 27 No. 700 Marbelite standards; 27 No. 104 G. E. Globes; 27 No. 1104 G. E. canopies; 27 G. E. hands and 27 sets of same; 33 pull-in boxes; 4488.44 lin. ft. 1-in. conduit; 578 lin. ft. 3/4-in. conduit; 15,169.32 lin. ft. No. 10 R. C. wire. Estimated cost, \$48,964.72. George Freitas, city engineer.

MARYSVILLE, Yuba Co., Cal.—Until August 14, 3 P. M., bids will be received by Edw. E. Stanwood, city clerk, to imp. portions of Chestnut, Elm, Oak, Third, B and other streets, grading, const., conc. curb and gutter; paving with 3 1/2-in. bit. base with 1 1/2-in. Warrenite bit. wearing surface, ful. width. Separate bids, same date, to imp. (as above) portions of Elm, High, D, G, 9th and other streets, 1911 Act and Bond Act 1915. W. M. Meek, city engineer.

SAN BERNARDINO, Cal.—Until Aug. 14, bids will be received by supervisors to imp. Hellman Ave., Upland, bet. Olive and a point 17,500 ft. south, and portions of other streets, in R. D. 1, No. 17, comprising 4-in. conc. pavement, 24 ft. wide, conc. curbs, conc. walls and culverts, Harry L. Allison, clerk. Cert. check or bond, 10%.

MONTEREY, Monterey Co., Cal.—S. Ruthven, Monterey, at \$1,720 awarded contract by council to const. sewer in Pacific street, J. C. Anthony bid \$1,585; eng. est. \$1,825.

MARTINEZ, Contra Costa Co., Cal.—City Trustees, C. E. Daley, clerk, declares intention to improve portions of Colorado Ward, Berkeley, Talbair streets, etc., by grading, paving with

asphalt concrete base with Warrenite-bit. surface; conc. curbs and gutters; 6 and 4-in. vit. sewers; br. and conc. manholes, etc.; 1911 Act and Bond Act 1915. Protests August 18. E. H. Green, city engineer.

OAKLAND, Cal.—City Council, E. K. Sturges, clerk, declares intention to imp. Maine street, bet. Maple and Laurel; grading, const. conc. curb, gutter and cement walks; oil macadam pavement; conc. curb; 2 one end walls. 1911 Act. Protests Aug. 24. W. W. Harmon city engineer.

REDWOOD CITY, San Mateo Co., Cal.—Chamber of Commerce proposes to purchase site and lay out playground. Will involve expenditure of \$35,000, of which \$20,000 will purchase site; \$4000 for concrete swimming pool; \$3500 for well and pump engine; \$2000 for tennis courts; \$5000 for swings, sand boxes, etc.

SAN FRANCISCO—City Engineer M. M. O'Shaughnessy completes specifications to improve Horace St. between 25th and 26th Sts. Estimated cost, \$2575, involving 275 cu. yds. cut; 7800 sq. ft. concrete pavement with wheel guards; reset 28 lin. ft. asphalt curbs; 75 sq. ft. conform pavement.

SAN FRANCISCO—Until Aug. 9, 3 P. M., bids will be received by Board of Public Works to improve Hearst Ave. between Congo and Detroit, involving 125 cu. yds. cut; 1040 cu. yds. fill; 18,000 sq. ft. asphalt concrete pavement. No bids received for this work May 17.

Separate bids, same date, to improve Arch St. between Holloway and Garfield, involving 1330 lin. ft. concrete curb; 7500 sq. ft. concrete pavement and 12,450 sq. ft. asphalt concrete pavement. M. M. O'Shaughnessy, city engineer.

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SAN FRANCISCO, CAL.

EUREKA, Humboldt Co., Cal.—Until August 12, 3 P. M., bids will be received by Fred M. Kay, county clerk, to furnish and place 3000 or more cu. yds. crushed rock on Lord-Ellis road between North Fork of Mad river bridge and El Dorado road in District 3. A. J. Logan, county surveyor.

DINUBA, Tulare Co., Cal.—Pittsburg-Des Moines Steel Co., Pittsburg, Pa., at \$13,425, awarded contract by city trustees to erect tank and tower for domestic system of water works. Other bids: Chicago Bridge & Iron Works, Chicago, \$14,100; Western Pipe & Steel Co., San Francisco, \$15,600; Minneapolis Steel & Machinery Co., San Francisco, \$14,889.

SAN JOSE, Santa Clara Co., Cal.—A. J. Ralsch, 46 Kearny St., San Francisco, awarded contract by council to improve Orchard St. between Babach and Grant Sts.: Asphalt conr. pavement, incl. asphalt, conc. foundation and grading, 28c; curb, 70c; gutter, 24c; catchbasin, 47c; pipe drains, \$1.25. Ralsch awarded contract to improve portions of 16th St.: Asphalt, conc. pavement incl. 3-in. asphalt, conc. foundation and grading, 24c; curb, 70c; gutter, 24c.

REEDLEY, Fresno Co., Cal.—No bids received by city trustees to grade, curb and pave streets. New proceedings will be started and bids again asked. J. S. Bates, Rowell Bldg., Fresno, engineer.

SEATTLE, Wash.—A. Tocco & Co., 1125 5th St., Seattle, at \$27,916, submits low bid to board of public works to improve 3rd Ave., N.W., at J. L. Smith, Seattle, next low at \$193,354.

Clark Richardson, 3434 14th Ave., West, at \$53,155, low bidder to grade 11th Ave., West, et al.

OROVILLE, Butte Co., Cal.—Chico Contracting Co., Waterford-Breslau Bldg., Chico, awarded contract by council to improve Veatch St. between Robinson and Osage Ave., including crossing of Pomona Ave.; grading, paving with 1½-in. Warrenite-Bit surface on 2½-in. asphalt concrete base; concrete curbs and gutters; corr. iron culverts.

BAKERSFIELD, Cal.—An election will be held August 29 to vote on a proposition to organize and incorporate the "Bakersfield municipal water district."

POMONA, Cal.—Thomas T. Crawford, Pomona, submitted low bid to city council, at \$13,843, to pave Orange Grove Ave., between Park Ave. and Kenock Drive, and portions of Kenock Drive and other streets, by paving with incl. macad. constructing curbs, c&g pipe sewer. Fleming Constr. Co. bid \$14,600 and H. H. Lienau, \$15,575. Crawford also submits low bid at \$15,855 for paving portions of Walnut St. H. H. Lienau bid \$16,523 and Fleming \$16,118.22. Bids referred to city engineer.

WENATCHEE, Wash.—Until August 14 bids will be received by Chelan county engineer to improve 3.3 miles of Sunset highway; grading, surfacing with crushed rock, side drains and culverts.

BURBANCK, Cal.—Cornwell & Henderson, 127 Glendale Ave., Glendale, awarded contract by city trustees, at approximately \$21,500 to grade and oil eight blocks (500 ft. each) on Providencia St.

MODESTO, Stanislaus Co., Cal.—Until August 9, 8 P. M., bids will be received by L. A. Love, city clerk, to construct storm water sewers in Dist. No. 18, involving 16,000 cu. yds. excavation, 3700 lin. ft. 8-in., 2604.45 lin. ft. 10-in., and 639.68 lin. ft. 12-in. and 1691.66 lin. ft. 14-in. vit. pipe; 2556.36 lin. ft. 18-in., 2839.31 lin. ft. 24-in., 871.36 lin. ft. 30-in., and 222.14 lin. ft. 36-in. rein. corr. iron pipe; 30-in. corr. iron pipe No. 10 gauge; 36 br. manholes; 2 (special) br. and conc. manholes; 87 conc. storm water inlets. Estimated cost, \$60,000. George Freilich, city engineer.

YUBA CITY, Sutter Co., Cal.—Until August 12, 3 P. M., bids will be received by C. C. Kline, city clerk, to improve portions of Bridge, Hawthorn, Cooper, Walnut, Chestnut, etc., by paving with concrete 4 and 5-in. thick. Edw. Von Geldern, city engineer.

MERCED, Merced Co., Cal.—Until August 14, 8 P. M., bids will be received by J. W. Schmitt, clerk, Merced Union Elem. School district, to construct approximately 1500-ft. cement pavement, 3½-in. thick, 5-ft. wide, on school grounds, at 25th and K Sts. Specification may be had from clerk.

SAN GABRIEL, Cal.—C. W. Shafer, 1614 Temple St., Los Angeles, awarded contract by city trustees, at \$23,326, to pave Mission Dr. between 7th, 8th, 9th and San Gabriel Bvds., involving 100,000 sq. ft. 1½-in. macad. at 13.7c sq. ft., 7900 ft. curb at 4c ft., 45,000 sq. ft. walk at 15c ft. Other bids were: W. H. Hall, \$23,500; Napier & Simpson, \$25,500; P. E. Low, \$37,430.

FILLMORE, Cal.—Fairchild-Fillmore-Wilton Co., L. A. Ry. Bldg., Los Angeles, was awarded contract by city trustees at \$50,556.31 to pave Central Ave. between Scuse Ave. and Fillmore St., and portions of other streets. The unit prices were: 5c sq. ft. grading, 17c sq. ft. 3½-in. bitum. base with 1½-in. asphalt conr., wearing surface, 11c sq. ft. 2½-in. base with 1½-in. surface, 50c lin. ft. curb, 20c sq. ft. walk.

Hastings & Yeakle, Fillmore, awarded contract at \$4379 to construct curbs, gutters and walks on Santa Clara St. between Central Ave. and A St.: 60c sq. ft. curb, 29c sq. ft. gutter, 20c sq. ft. walk.

EAST SAN DIEGO, Cal.—City clerk will call for bids for material to be used in construction of the proposed city water distribution system.

SAN JUAN, San Benito Co., Cal.—Town trustees propose to construct extension to sewer system costing \$2250.

BERKELEY, Alameda Co., Cal.—Until August 19, 9 A. M., bids will be received by Regents of University of California to improve Oxford St. opposite property of university. See call for bids under official proposal section in this issue.

SANTA CRUZ, Santa Cruz Co., Cal.—County Surveyor Lloyd Bowman preparing specifications to place and spread rock on county road between Santa Cruz and Davenport.

RICHMOND, Contra Costa Co., Cal.—City council, A. C. Faris, clerk, received bids to improve subway and new bids will be asked. H. D. Chapman, city engineer.

BERKELEY, Alameda Co., Cal.—City council, W. H. Mann, clerk, declares intention to sewer portions of Woolsey St., involving 350-ft. 3-ft x 3-ft, 6-in., 1150 2-ft. 6-in. x 3-ft. 9-in., and 2140 ft. 2 x 3-ft. concrete brick invert sewer; 1870 ft. 21-in. vit. pipe; 21-in. vit. ironstone pipe sewer; 24 manholes; 19 catchbasins and 6 curb inlets. 1911 Act. Protests August 15. C. L. Hugnius, city engineer.

CALIFORNIA—Until August 28, 2 P. M., bids will be received by State Highway Commission, Forum Bldg., Sacramento, for following projects:

Napa county, between ¾-mile south of north boundary and 1½-mile west of Calistoga, 5.4 miles long, to be graded.

Monterey county, between Anderson and Sur river, 13.1 mile long, to be graded.

Kern county, between S.W. ¼ Sec. 23, T. 11 N., R. 24 W., S. B. E. and M. and Maricopa, 2.7 miles long, to be graded and paved with bituminized macadam.

San Diego county, between Wilshire Blvd. and 8th St., involving 36,592 sq. ft. grading to finish subgrade at 6c ft., 36,592 sq. ft. Warrenite-bitum. at 26c ft., 236.70 cu. yds. curb at 75c ft., 1926 sq. ft. gutter at 30c ft., 385 ft. house sewers at \$3.50 ft.

See call for bids under official proposal section in this issue.

FRESNO, Fresno Co., Cal.—Until August 10, 3:30 P. M., bids will be received by H. C. Y. S. George, City Clerk, to improve Brenner Ave. between Portcamp and San Pablo Ave., involving 50,200 sq. ft. grading, 45,530 sq. ft. asphalt paving, 4746 sq. ft. concrete gutters, 2374 sq. ft. walks, 44 ft. 12-in. corrugated culverts, 312 ft. 24-in. corrugated culverts and 4 manholes.

SOUTH PASADENA, Cal.—Until 5 P. M. Aug. 14, bids will be received by city commissioners for 124,000 sq. ft. 3-in. macadam, 2800 sq. ft. gutter, 1800 sq. ft. walk, 35 ft. curb and 114 ft. 6-in. sewer; 1911 Act.

GLENDALE, Cal.—Until 7 P. M. Aug. 10, bids will be received by City Clerk Van Wile, City Hall, 619 E. Broadway, for the following street work:

1st. Harvard, Hawthorne and Orange Sts., involving 2289 ft. grading, 101,586 sq. ft. 5-in. asphalt concrete paving, 930 ft. 6-in. c. i. water pipe (pipe furnished by city), and galv. iron service pipes complete.

Columbus Ave., involving 3457.09 lin. ft. grading, 2551 ft. curb, 17,336 sq. ft. walk, 111,298.8 sq. ft. 3-in. oil macad. paving, 3400 ft. 6-in. and 100 ft. 4-in. c. i. water pipe (pipe furnished by city), and installing galv. iron service pipes complete.

Broadway, Concord and San Fernando Rd., involving 2173.8 lin. ft. grading, 20,675 sq. ft. walk, 4222 ft. E. curb, 8722 sq. ft. 2-ft x 5-in. cement gutter, 34,708 sq. ft. oil macadam paving, laying 2266 ft. 6-in. and 190 ft. 8-in. c. i. water pipe (pipe furnished by city), and installing galv. iron service pipes complete. C. L. Hill, city engineer.

NAPA, Napa Co., Cal.—Until Aug. 14, 7:30 P. M., bids will be received by H. H. Thompson, city clerk, to construct 10-in. vit. ironstone sewer in Elm St. between Franklin and 4th St. and west, and from Franklin St. to point 362-ft. west, and remaining portion of 8-in. vit. sewer with one wye connection and manhole. H. A. Harrold, city engineer.

RICHMOND, Contra Costa Co., Cal.—Until Aug. 14, 8 P. M. (new) bids will be received by A. C. Faris, city clerk, to improve portions of 16th and 19th Sts., Macdonald and Portola Aves., by grading, paving with 2-course 6-in. asphalt concrete; concrete walks, curbs with galvanized steel base and 4-in. pipe culverts; concrete catchbasins, retaining walls, vit. sewers, etc. Imp. Act 1911. H. D. Chapman, city engineer.

LOS ANGELES, Cal.—No bids were received by board of public works for furnishing 400 tons asphaltum at city asphalt plant, 2446 McPherson St. The matter was taken under advisement and bids will probably be re-advertised.

LOS ANGELES, Cal.—Tryon & Brain, 261 Tajo Bldg., submitted low bid to board of public works to pave Manchester Ave. between Figueroa St. and Vernon Ave., involving \$100,456 sq. ft. rough grading to grade, \$100,456 sq. ft. grading and oiling, 5985 ft. curb, 30,420 sq. ft. walk, 14,784 sq. ft. gutter, 2401 sq. ft. concrete paving, 11 ft. cu. yds. cut, 1771 cu. yds. fill, 110 sq. ft. 36-in. vit. pipe and 110 sq. ft. grading to finish subgrade; 24,6c sq. ft. concrete paving; 4c sq. ft. rough grading; 5c sq. ft. oiling and rolling; 66c sq. ft. 17.75c sq. ft. walk; 24c sq. ft. gutter; \$300 12-in. vit. pipe and reinf. concrete culvert, complete; \$125 ft. house sewers.

L. A. Paving Co., 2900 Santa Fe Ave., awarded contract at \$13,512.27, for paving Crenshaw Blvd. between Wilshire Blvd. and 8th St., involving 36,592 sq. ft. grading to finish subgrade at 6c ft., 36,592 sq. ft. Warrenite-bitum. at 26c ft., 236.70 cu. yds. curb at 75c ft., 1926 sq. ft. gutter at 30c ft., 385 ft. house sewers at \$3.50 ft.

C. R. Butterfield, 212 6th St., San Pedro, submitted low bid to pave Leland St. between Sixteenth St. and 28th St., involving 160,436 sq. ft. 45c sq. ft. finish grading, oiling and rolling at 7c ft., 5985 ft. curb at 72c ft., 30,420 sq. ft. walk at 22c ft., 14,784 sq. ft. gutter at 30c ft., 3101 sq. ft. concrete paving at 25c ft.

LOS ANGELES, Cal.—Adam Dalmatin and Mike Guho, 541 W. 62nd St., submitted low bid to board of public works, at \$119,253.94 for sewers in E. Sereno Ave., between Alhambra Ave. and Huntington Dr. north. Other bids were: Joe Chutuk, \$160,947.24; C. E. Green, \$156,274.26; Leo Miletich, \$156,168.78.

STOCKTON, San Joaquin Co., Cal.—Frederickson & Shannon, Cory Bldg., Fresno, awarded contract by council to construct sanitary sewer in Sharps Lane from South St. to a point 1514 3/4 ft. south.

BERKELEY, Alameda Co., Cal.—City Council, E. H. Mann, clerk, declares intention to construct concrete walk, 7-ft. high, and concrete steps in Arlington Ave., at Nottingham St. 1911 Act. Protests Aug. 15. C. L. Huggins, city engineer.

STOCKTON, San Joaquin Co., Cal.—Schultz Constr. Co., 46 Kearny St., San Francisco, at \$25,486, submits low bid to council to construct outfall sanitary sewer from North S. W. Disposal Plant to San Joaquin river.

SANTA ROSA, Sonoma Co., Cal.—Following bids received by city council for improvements to water system:

Pelton Water Wheel Co. (2 dbl. pumps), San Francisco, Cal., Cent. P. f. o. b. Santa Rosa, \$1200.

Herzog Elec. & Eng. Co. (2 Cent. pump mot.), San Francisco, (Cal., f. o. b. Santa Rosa, \$421 for 41.5 HP.; \$35 for 50 HP.)

Manistee Iron Works, Manistee, Mich., comp. pumping unit, f. o. b. Santa Rosa, \$7300.

Ingersoll Pump Co., Rialto Bldg., San Francisco, 2 imp. type 10 comp. 73 HP. to 90 HP., \$4500; 2 cent. pumps, complete, \$2800.

Gardner Governor Co., San Francisco, "A" Alt. and "B" Alt. "A" 6-12 Gardner Gov. complete, \$2200 each; "B" 2-14-9-10, 61er. Comp. complete, \$2503 each.

Fairbanks Morse Co., 631 Mission St., San Francisco, pump unit complete (motor and compressor), \$2091 for 3 units.

Worthington Co., Sharon 1114, San Francisco, 2 6-in. SD, 50 HP. 1201 P. f. o. b. Santa Rosa, \$1890; alternate, 2 5-in. as above, \$1170; 2 compressors, No. 13-8-10, Duplex Feather valve comp., \$4710; (without unloader, 2 compressors No. 13-8-10, Duplex Feather Valve comp., \$4560; alternate, 2 11-7-12 Tandem complete, \$4198; (without unloader), 2 11-7-12 Tandem complete, \$4187.60.

Alis-Chalmers Co., Rialto Bldg., 2 5-in. Chalmers type S. 1750 R.P.M., f. o. b. Santa Rosa, \$1054; 50 HP. motor for driving above without rails, pulley or starter, \$574.

Proctor Co., Santa Rosa, Cal., pipe, valves, etc., and fittings complete, \$6450.

National Meter Co., New Montgomery St., San Francisco, for meter complete, \$800.

Guy Hyde Chick, Napa, Cal., completed plant, including reservoir, etc., \$14,252.

Mullen & La Voie, 3129 Folsom, San Francisco, completed plant, including reservoir, etc., \$31,470.

W. L. Proctor, Santa Rosa, completed plant, tanks, houses, flume, etc., \$28,570.

Butte Elec. Equipment Co., Folsom St., San Francisco, plant complete, using following: 1 2 1/2-in. Byron Jackson pumps, \$46,001.2; 2 1/2-in. Byron Jackson pumps (split case), \$45,645.3; 2 6-in. SD. Worthington single stage, \$46,672.4; 2 5-in. SD. Worthington single stage, \$46,114; 3 2 5-in. Lea-Courtney Co. pumps, \$2,620.

Roca & Calletti, San Rafael; Pump station building complete, \$6878; reservoir without plumbing, \$13,500; machinery, \$200. Above without any electrical work.

Sullivan Machinery Co., Chicago, Ill.; 2 Sullivan 22-7 1/2-in. compressors complete, \$63 HP. 1 1/2 in. b. Santa Rosa, \$2439.

Action deferred to 15th. It is not known as yet whether contract will be let as a whole or by units.

SAN JOSE, Santa Clara Co., Cal.—Until August 14, 8 P. M., bids will be received by J. J. Lynch, City Clerk, to improve:

Orchard St., bet. Willow and South city limits: Grading, paving with 3-in. Bit concrete base with 1 1/2-in. Warrentite-Bituthite surface; concrete curbs, gutters and walks; 6 brick catchbasins, 8-in. vitrified pipe drains.

Grant St., bet. Orchard and Delmas: Grading, paving with 3-in. Bituthite concrete base with 1 1/2-in. Warrentite-Bituthite surface; concrete curbs, gutters and walks; 10 brick catchbasins; 8-in. vitrified pipe drains.

Clark St., bet. Park Ave., and Santa Clara St.: by grading, paving with 3-in. Bituthite concrete base with 1 1/2-in. Warrentite-Bituthite wearing surface; concrete curbs, gutters and walks; 1 brick catchbasin; 8-in. vitrified pipe drains. Wm. Popp, City Engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—City Engineer James K. James submits report to city council regarding proposed improvements to water system. Features of construction include a pipe along the coast region of increased size to furnish an additional supply of 2,000,000 gals.; also the construction of the Bulfofio reservoir having a storage capacity of 11,000,000 gals.

FRESNO, Fresno Co., Cal.—City Council, R. Y. St. George, clerk, declares intention to improve Farris avenue, between Belmont and Hedges by grading, constructing concrete curbs, gutters, corrugated culverts, paving with 3/4-in. asphaltic concrete base with 1 1/2-in. Warrentite-Bituthite surface; 4-in. vitrified clay pipe sewer. Wm. Stranahan, City Engineer.

GLENDALE, Cal.—L. A. Paving Co., 2900 Santa Fe Ave., Los Angeles, submitted low bid to city council at \$42,580 for paving 1/2 mi. of 8-in. between Glendale Ave. and S. P. tracks. The unit prices were: \$2 lin. ft. grading; 25c sq. ft. gutter; 21c sq. ft. paving; 50c ft. curb; 25c walk; \$2550 sq. yd. curb; \$2.50 ft. 6-in. water pipe; \$125 ft. 4-in. water pipe; \$360 service connections.

SAN DIEGO, Cal.—H. G. Fenton, P. O. Box 7, San Diego, submitted only bid to city council, to grade Elm and 31st Sts. The unit prices were: \$2 cu. yd. excav.; 66c cu. yd. embank; 27c sq. ft. gutters; 82c ft. curb; 80c sq. ft. gutter; \$912 concrete bridge with center abutments and footings, surfacing of roadway, etc., complete; \$1267 culverts, catchbasins, complete; \$100 guard rail fence.

GLENDALE, Cal.—Until 7 P. M. Aug. 10, bids will be received by City Clerk Van Wic to construct Verdugo Canyon sewer laterals, inverts, 8-in. vit. pipe, vit. pipe comp. with Y branches to be laid under surface water conditions. 5363 ft. 8-in. vit. pipe with Y branches to be laid without surface water conditions. 82 ft. 8-in. cast iron pipe sewer, 154 ft. 10-in. vit. pipe, 49 stand manholes, 11 junct. chambers, 14 flush tanks and 6 lamp holes.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares intention to improve Keyes St. between 10th and S. P. right of way by grading; paving with 3 1/2-in. Bituthite concrete base on 2-in. Warrentite-Bit. surface; concrete curbs, gutters and walks; 12 br. catchbasins; 8-in. vit. pipe drains. 1911 Act. Protests August 14. Wm. Popp, city engineer.

STATE WATER COMMISSION

CALIFORNIA.—Following applications for permits to appropriate water were filed with State Department of Public Works, Division of Water Rights, 916 Eighth St., Sacramento, during the month of July for permits:

Application No. 2916 (San Luis Obispo County), City of San Luis Obispo, care of Haven, Athearn, Chandler and Farmer, attorneys, Balboa Bldg., San Francisco, Cal., for 6100.09 acre ft. per annum from Lopez Creek, to be diverted in Secs. 21, 22, 26, 36, T. 30S. R. 13E. and Sec. 31, T. 30S. R. 14E., and Sec. 16, 21, T. 31S. R. 14E., for municipal purposes by the City of San Luis Obispo.

App. No. 2917 (San Luis Obispo County), care of Haven, Athearn, Chandler and Farmer, attorneys, Balboa Bldg., San Francisco, for 4 cu. ft. per sec. and 4000 ac. ft. per annum from Arroyo Grande Creek, to be diverted in Sec. 27, T. 31S. R. 14E., for municipal purposes by the City of San Luis Obispo.

App. No. 2919 (Siskiyou County, C. J. Laird, Mount Dome, for 156 cu. ft. per second from springs and underground water, to be diverted in Sec. 35, T. 22N. R. 2E., for irrigation of 125 ac. near point of diversion. Proposes to use one 6-in. centrifugal pump. Est. cost, \$1500.

App. No. 2922 (Riverside County), Coachella Valley County Water District, care of Cushman & Clark, attorneys, Chapman Bldg., Los Angeles, for 94,500 ac. ft. per annum from White-water River and other streams flowing into Coachella Valley, to be diverted in 3 Tps. 3, 4, 5 and 6, R. 2E., 4 and 6 E., for irrigation of 100,000 acres within Coachella Valley. Est. cost, \$25,000.

App. No. 2923 (San Bernardino County), Loma Vineyard Co., care of Switzer, Wilson, Attys., Garner Bldg., Bernardino, for 2.5 cu. ft. per second from an unnamed stream to be diverted in Sec. 13, T. 1N. R. 7W., for irrigation of 260 acres in Sec. 13. Est. cost, \$500 to \$10,000.

App. No. 2925 (San Diego County), The Tia Juana River Irrigation District, care of A. G. Arnold, National City, for 6 cu. ft. per second and 22 ac. ft. per annum from underground waters of Tia Juana River, to be diverted in Sec. 4, T. 19S. R. 2W., for irrigation of 3000 acres near point of diversion.

App. No. 2927 (Trinity County, F. L. Kendall, 4811 San Pablo Ave., Oakland, for 43 cu. ft. per second from East Fork of Stewart's Fork and Strope Creeks, to be diverted in Sec. 9 or 10 and T. 25N. R. 8W., for hydraulic mining purposes about four miles above Minersville. Est. cost, \$2500.

App. No. 2928 (Sonoma County), F. J. Brandt, E. Bachman and C. E. Cole, care of F. J. Brandt, Dealtsburg, Cal., for 75 cu. ft. per second from Russian River, to be diverted in Sec. 21, T. 9N. R. 8W., for irrigation of 60 acres in Sec. 21. Est. cost, \$2000.

App. No. 2932 (Modoc County, J. V. Cadwell, Canby, Cal., for 340 ac. ft. per annum from Howard Gulch, to be diverted in Sec. 23, T. 42N. R. 9E., for irrigation of 23 acres in S 1/2 of Sec. 23. Est. cost, \$3000.

App. No. 2936 (Riverside County), riette F. Sink, Cloverdale, Cal., for 3 cu. ft. per second from Russian River, to be diverted in Sec. 1, T. 11N. R. 10E., M.D.M., for irrigation of 100 acres about 1/2 mi. east one-half miles west of Cloverdale. Est. cost, \$8000.

App. No. 2936 (Riverside County), Temescal Water Company, care of A. S. Sondreger, Central Bldg., Los Angeles, for 25,000 ac. ft. per annum from San Jacinto River, to be diverted in Sec. 17, T. 6S. R. 4W., for irrigation of 70,000 acres located in the City of Corona and Colony of Corona, and vicinity Riverside County.

App. No. 2937 (San Benito County), E. E. Hollrock as trustee for Hollister Irrigation District, Hollister, for 800 cu. ft. per second and 10,000 ac. ft. per annum from San Benito River Tres Pinos, Los Muertos, Quien Sabo and Pacheco Creeks, to be diverted by T. 13S. R. 7E., T. 13S. R. 8E., T. 13S. R. 9E., and T. 13S. R. 11E., T. 13S. R. 12E., for irrigation of 60,000 acres in the Hollister and San Jua Valleys.

App. No. 2938 (San Bernardino County), East Lagoon Mutual Water Co., Redlands, Cal., for 37,500 ac. ft. per annum from Mill Creek, to be diverted in Secs. 13, 14, 21, T. 72N. R. 2E., for irrigation of 10,000 ac. in Secs. 13, 19 and 30, T. 1S. R. 2W. Secs. 13, 24 and 25, T. 1S. R. 3W. Est. cost, \$140,000.

App. No. 2940 (Plumas County), Wm. H. Speer, La Porte, Cal., for 10 cu. ft. per second from East branch of Nelson Creek, to be directed in Sec. 7, T. 22N. R. 11E., for generating electric power for steel mill, copper, silver and general mining in Sec. 7, T. 22N. R. 10E., 235 theoretical horse power developed. Est. cost, \$22,000.

App. No. 2941 (San Benito County), T. 2S, R. 4E, for 3 cu. ft. per second and 30 ac. ft. per annum from East Fork Larios Creek, to be diverted in Secs. 36, T. 17S, R. 11E, for mining and domestic purposes in Secs. 35 and 36. Est. cost, \$3,000.

App. No. 2942 (El Dorado County), M. C. Seargave, 1019 Balboa Bldg., San Francisco, Cal., for 100 cu. ft. per second and 44,000 acre ft. per annum from Deer Creek, to be diverted in Sec. 11, T. 8N, R. 4E, for irrigation of 2,000 acres in Tps. 7 and 8N, R. 6, 7 and 8E, in Sacramento County. Est. cost, \$150,000.

App. No. 2943 (El Dorado County), M. C. Seargave, 1019 Balboa Bldg., San Francisco, Cal., for 150 cu. ft. per second and 44,000 acre ft. per annum from Consummes River, to be diverted in Sec. 26, T. 8N, R. 9E, for irrigation of 20,000 acres in Tps. 7 and 8N, R. 6, 7 and 8E, in Sacramento County. Est. cost, \$250,000.

App. No. 2945 (Trinity County), W. H. Sampson, Corning, for 2000 cu. ft. per second and 40,000 acre ft. per annum from Trinity River, to be diverted in Sec. 10, T. 34N, R. 8W, for generating electric power in Sec. 34, T. 34N, R. 8W. Proposed to develop 125,000 theoretical horsepower. Est. cost, \$5,000,000.

App. No. 2948 (San Joaquin County), Reclamation District No. 756, 312 Bolding Bldg., Stockton, for 75 cu. ft. per second from San Joaquin River, Mokelumne River, South Fork of Mokelumne River and Potato Slough, to be diverted in Secs. 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26 and 28, T. 3N, R. 3E, for irrigation of 6000 acres in Rec. Dist. No. 756.

App. No. 2949 (Contra Costa County), Delta Farms Rec. Dist. No. 2024, for 14 cu. ft. per second from the dredger cut between Indian and Rock Sloughs, to be diverted in Secs. 11, 14 and 23, T. 1N, R. 3E, for irrigation of 1120 acres in Delta Farms Rec. Dist. No. 2024.

App. No. 2950 (Contra Costa County), Delta Farms Rec. Dist. No. 2024, for 26.62 cu. ft. per second from Old River, Indian Slough, and dredger cut, to be diverted in Secs. 17, 18, 19, 20, T. 1N, R. 4E, and in Secs. 14, 23, 24, T. 1N, R. 3E, for irrigation of 1369.47 acres in Rec. Dist. No. 2024.

App. No. 2951 (Contra Costa County), Delta Farms Rec. Dist. No. 2025, for 63.47 cu. ft. per second from Old River, Sand Mound Slough and dredger cut, to be diverted in Secs. 13, T. 2N, R. 3E, Secs. 35 and 36, T. 2N, R. 3E, and Secs. 18, 19, 30, 31, T. 2N, R. 4E, for irrigation of 4274 acres in Rec. Dist. No. 2025.

App. No. 2952 (Contra Costa County), Delta Farms Rec. Dist. No. 2026, for 69.02 cu. ft. per second from San Joaquin River, Old River, False River, Washington Slough and dredger cut, to be diverted in Secs. 22, 30 and 31, T. 3N, R. 4E, and Secs. 22, 30 and 31, T. 2N, R. 4E, and Secs. 22, 30 and 31, T. 2N, R. 4E, for irrigation of 5522 acres in Rec. Dist. No. 2026.

App. No. 2953 (San Joaquin County), Delta Farms Rec. Dist. No. 2027, for 87.45 cu. ft. per second from Old River, Middle River, Big Connection Slough and a dredger cut, to be diverted in Secs. 31, 32, T. 3N, R. 4E, and Secs. 4, 5, 6, 7, 8, 9, 10, 15, 17, 20, T. 2N, R. 4E, for irrigation of 5405 acres in Rec. Dist. No. 2027.

App. No. 2954 (San Joaquin County), Delta Farms Rec. Dist. No. 2028, for 102.4 cu. ft. per second from Old River, Middle River, Connection Slough and a dredger cut, to be diverted in Secs. 4, 5, 6, 7, 8, 9, 10, 15, 17, 20, T. 2N, R. 4E, and Secs. 20, 21, 27, 28, 29, 30, 31, T. 3N, R. 4E, for irrigation of 5624.65 acres in Rec. Dist. No. 2028.

App. No. 2955 (San Joaquin County), Delta Farms Rec. Dist. No. 2029, for 43.38 cu. ft. per second from San Joaquin River, Disappointment Slough, White Slough, Potato Slough, Connection Slough and a dredger cut, to be diverted in Secs. 30, 31, T. 3N, R. 5E, and Secs. 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 17, 20, T. 2N, R. 4E, and Secs. 24, 25, 26, T. 2N, R. 4E, for irrigation of 3678.13 acres in Rec. Dist. No. 2029.

App. No. 2956 (San Joaquin County), Delta Farms Rec. Dist. No. 2030, for 76.38 cu. ft. per second from San Joa-

quin River, Whiskey Slough, Middle River, Latham Slough and dredger cut, to be diverted in Secs. 13, 14, 25, 26, 35, 36, T. 2N, R. 4E, and Secs. 18, 19, 30, 31, T. 2N, R. 5E, for irrigation of 6198.53 acres in Rec. Dist. No. 2030.

App. No. 2957 (San Joaquin County), Delta Farms Rec. Dist. No. 2041, for 15.03 cu. ft. per second from Whiskey Slough, Middle River, San Joaquin River and dredger cut, to be diverted in Secs. 2, 3, 10, 11, 14 and 15, T. 2N, R. 4E, for irrigation of 1202.67 acres in Rec. Dist. No. 2041.

App. No. 2958 (San Joaquin County), Delta Farms Rec. Dist. No. 2012, for 27.48 cu. ft. per second from Disappointment Slough and dredger cut, to be diverted in Secs. 31, 35, T. 3N, R. 5E, and in Secs. 1, 2, 3, T. 2N, R. 5E, for irrigation of 2198.26 acres in Rec. Dist. No. 2012.

App. No. 2959 (San Joaquin County), Delta Farms Rec. Dist. No. 2044, for 40.75 cu. ft. per second from Disappointment Slough and White Sloughs and two dredger cuts, connecting said sloughs, to be diverted in Secs. 27, 29, 30, 31, T. 3N, R. 5E, and Secs. 3, 4, 5, T. 2N, R. 5E, for irrigation of 3260.67 acres, being all of that area commonly known as the "Delta".

App. No. 2960 (San Joaquin County), California Delta Farms, Inc., for 10.7 cu. ft. per second from the canal extending westerly from Disappointment Slough, to be diverted in Sec. 1, T. 2N, R. 5E, and Sec. 6, T. 2N, R. 5E, for irrigation of 558 acres in Sec. 1, T. 2N, R. 5E, and Sec. 6, T. 2N, R. 6E.

App. No. 2962 (Plumas County), Wm. H. Spencer, Lake Park, Cal., for 10 cu. ft. per second from Onion Valley Creek, to be diverted in Sec. 3, T. 22N, R. 9E, for power purposes for mining and lighting in Sec. 4, T. 22N, R. 9E. Proposed to develop 360 T.H.P. Est. cost, \$30,000.

PERMITS

Following permits were issued by the division during the month of June: Permit No. 1078 (Shasta County), W. B. Masson of Dunsmuir, Cal., for 200 ac. ft. per annum, and 2 cu. ft. per second from a canyon in Shasta County, T. 3N, R. 35N, R. 5W, for use for irrigation of 160 acres in Sec. 13, Est. cost, \$500.

Permit No. 1079 (Orange County), C. C. Pearl and I. J. Edwards, Long Beach, Cal., for 10 cu. ft. per second from Camp Canyon in Sec. 34, T. 5S, R. 7W, for use for domestic use and near point of diversion. Est. cost, \$200.

Permit No. 1080 (Sacramento County), J. McCormack, Rio Vista, Cal., for 15 cu. ft. per second from Snodgrass Slough, in Sec. 19, T. 2N, R. 5E, for irrigation of 120 acres near point of diversion. Est. cost, \$2000.

Permit No. 1083 (Los Angeles County), Los Angeles, for 50 cu. ft. of water and 4507 ac. ft. per annum from Little Rock Creek in Sec. 19, T. 4N, R. 10W, for power purposes in Sec. 14, T. 4N, R. 11W. Est. cost, \$250,000.

Permit No. 1084 (Los Angeles County), Little Power and Water Co. of Los Angeles, for 50 cu. ft. per second and 4046 ac. ft. per annum from Little Rock Creek in Sec. 11, T. 4N, R. 11W. Est. cost, \$306,000. Use for power purposes. Sec. 27, T. 5N, R. 11W.

Permit No. 1086 (Inyo County), Darwin Silver Co. of Darwin, Cal., for 2 cu. ft. per second from Darwin Wash, purposes of lead, silver, zinc and copper, in Secs. 1, 2, 11, 13, 14, 15, 23 and 25, T. 19S, R. 40E, and Secs. 18, 30, 31, T. 19S, R. 41E. Est. cost, \$35,000.

Permit No. 1087 (San Joaquin County), E. E. Reynolds of Manteca, Cal., for 0.87 cu. ft. per second from Lone Tree Creek, in Sec. 8, T. 1S, R. 7E, for irrigation of 70 acres near point of diversion. Est. cost, \$2500.

Permit No. 1088 (Contra Costa County), Wm. H. Geibke of Concord, Cal., for 0.3 cu. ft. per second from Walnut Creek, for 10 ft. downstream from intersection of Walnut Creek and State Highway bet. town of Walnut Creek and Concord, for use for irrigation of 24 acres near point of diversion. Est. cost, \$2500.

Permit No. 1091 (San Joaquin County), George N. LaNica of 22 Battery St., San Francisco, for 2 cu. ft. per second from Lone Tree Creek, in Sec.

21, T. 1S, R. 8E, for irrigation of 160 acres in Sec. 21. Est. cost, \$2000. Permit No. 1092 (Merced County), G. E. Mitchell of Hopland, Cal., for 0.635 cu. ft. per second from Cominsky Creek, in Sec. 8, T. 12N, R. 11W, for irrigation of 6 acres in Section 8, Est. cost, \$500.

Permit No. 1093 (Butter County), Howard R. Catlett of Pleasant Grove, Cal., June 19, 1922, for 1.19 cu. ft. per second from Auburn Ravine in Sec. 32, T. 12N, R. 4E, for irrigation of 95 acres in Sec. 32. Est. cost, \$2000.

Permit No. 1094 (Fresno County), W. J. Hole of Arlington Station, Cal., for 5 cu. ft. per second from artificial water course as result of drainage system, at a point upon the boundary line of lots 14 and 15, in block 50 of the lands of the Riverside Land and Irrigation Company, for irrigation of 125.18 acres near point of diversion.

Permit No. 1095 (Sierra County), Paul C. Thorne of 905 Leavenworth Bldg., San Francisco, for 5 cu. ft. per second and 150 ac. ft. per annum from Lake Hawley in Sec. 14, T. 21N, R. 11E, for mining purposes in Secs. 3, 4, T. 20N, R. 11E, and Secs. 33, 34, T. 21N, R. 11E. Est. cost, \$50,000.

Permit No. 1097 (Fresno County), issued to C. Fuchez and E. E. Mitchell, care R. D. Benjamin, Chronicle Bldg., San Francisco, for 1 cu. ft. per second from Fresno Slough or North Fork of Kings River in Sec. 34, T. 14S, R. 16E, for irrigation of 10,247.43 acres in the Merced Irrigation District. Est. cost, \$250,000.

BUSINESS OPPORTUNITIES

August 4, 1922. Information regarding these opportunities may be had from the Domestic Trade Department of the San Francisco Trade Association of the San Francisco Chamber of Commerce, Merchants' Exchange Building.

Eastern manufacturing company desires representative to handle their brake lining, transmission lining and belt.

Manufacturers of radio accessories desire to appoint agent for this territory to handle their complete line of high-grade radio accessories.

Inventor of gas burners desires to get in touch with parties interested in manufacturing, on royalty or other basis, his patented article for distribution in this territory.

Firm making artistic wrought iron hardware desires to get in touch with concern who would successfully handle their products in this territory.

Business executive desires to connect himself with San Francisco concern as salesman.

OFFICIAL PROPOSALS

(Continued from Page 16)

HDS WANTED FOR CIRCULATING LOOP

SEALED PROPOSALS-4684-Indorsed "Proposals for Circulating Loop, Mare Island, California, Specification No. 4684," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., August 30, 1922, and there publicly opened, for a circulating loop for the central power plant, consisting of two 48 inch concrete intake conduits, a single 48 inch concrete discharge conduit, reinforced concrete intake and discharge structures and concrete sheet piling at the quay wall, discharge pit, timber pile foundations for structures and conduits, shafts and manholes, clean-out pit, cast iron frames and covers, screens, sluice gates and operating machinery; also the removal of wood stove pipes in the existing tunnel, timber repairs to tunnel and all necessary excavation, trenching and cofferdams at the Navy Yard, Mare Island, California. Drawings and Specification No. 4684 may be obtained on application to the bureau or to the commanding, Navy Yard, Mare Island, California. Deposit of a check or postal money order for \$20 payable to the Chief of the Bureau of Yards and Docks is required as security for the safe return of the drawings and specifications.

June 30, 1922. L. E. GREGORY, Chief of Bureau

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
2924	Anderson	Owner	20000
2925	Bjors	Owner	12000
2926	Hunter	Owner	1400
2927	Grant	Johnson	2000
2928	Moss	Kragen	6000
2929	Buckbee	Swenson	3950
2930	Eason	Mangels	12055
2931	Berg	Lewis	15000
2932	Cohn	Owner	27000
2933	Pac. T. & T.	MacDonald	30000
2934	Rousseau	Owner	40000
2935	Hill's	Klyce	1200
2936	Lewis	Owner	4000
2937	Abrahams	Owner	3000
2938	Ruffieux	Levi	2000
2939	Megannon	Sartorio	14915
2940	Merle	Schell	21180
2941	Nelson	Owner	6000
2942	Nelson	Owner	9000
2943	Nelson	Owner	9000
2944	Nelson	Owner	4000
2945	Nelson	Owner	4000
2946	Pite	Novello	3850
2947	Binet	Owner	8000
2948	Holmgren	Owner	3000
2949	Church of I. C.	Caranza	600
2950	Curtis	Mooney	11200
2951	Leva	Bradshaw	7885
2952	Nielsen	Mohler	7800
2953	Jorgensen	Owner	14000
2954	Doelger	Doelger	2000
2955	Baldwin	Barrett	3900
2956	Hammond	Owner	10000
2957	Feerick	Cox	15000
2958	Powell	Owner	250000
2959	Crystal	Arras	9398
2960	Gillon	Owner	8000
2961	Kiel	Aueroso	8000
2962	Risi	Opperman	1300
2963	Madeson	Ehrhart	14500
2964	Jrillo	Owner	3000
2965	McAndrews	McLeran	200000
2966	Martin	Berge	7800
2967	Hasty	Owner	5000
2968	Diebold	Hall	9100
2969	Poole	Lewis	13905
2970	Berg	Abrahamson	9585
2971	Cohn	Keenan	30000
2972	Keenan	Meyer	21000
2973	Meyer	S F Oven	2600
2974	Blue Seal	Owner	1000
2975	Styche	Owner	7900
2976	Jaussen	Barker	12000
2977	Constine	Strand	4000
2978	Koch	Owner	4000
2979	Nelson	Peerless	3500
2980	Schimmel	Calif	62800
2981	Federal	Nelson	121955
2982	Same	Black	231
2983	Samuel	Davison	4954
2984	Same	Daniel	2050
2985	French Hospital	Vannucci	17850
2986	Clark		

DWELLINGS

(2924) W TWENTY-FIRST AVE 100, 124, 148 and 172 S Balboa. For two-story and basement frame dwellings.

Owner—A. V. Anderson, 395 21st Ave., San Francisco.
Architect—None.
Day's work. \$5000 each

FRAME FLATS

(2925) NW FOURTH AVE AND ANZA Two-story and basement frame (4) flats
Owner—Victor Bjors, 2668 Irving St., San Francisco.

Architect—None.
Day's work. \$12,000

ADDITION

(2926) NO. 132 COMMONWEALTH Ave Add bedroom and bath to residence and other minor changes
Owner—Mrs. F. H. Hunter, Premises
Architect—None.
Day's work. \$1400

DWELLING

(2927) E PAXON AVE 265 N Holloway One-story and basement frame dwelling.
Owner—Margaret Grant, 151 Beaver St., San Francisco.
Architect—None.
Contractor—C. Johnson, 42 Peoria St., San Francisco. \$2000

ALTERATIONS

(2928) S MARKET 96 W Fourth. Remove present and install new snow windows in store.
Owner—Moss Glove Co., 124 1st St., San Francisco.
Architect—None.
Contractor—Louis Kragen, 661 Golden Gate Ave., San Francisco. \$6000

ALTERATIONS

(2929) NO. 518-520 MISSION. Install partitions in store; add 2 mezzanine floors plastering, etc.
Owner—Buckbee, Thorne Co., 151 Sutter St., San Francisco.
Architect—None.
Contractor—Swenson & Franzen, 145 Natoma St., San Francisco. \$3950

RESIDENCE

(2930) LOT 2 BLK 6 St. Francis Wood. All work for residence.
Owner—J. A. and Edith B. Eason, 278 12th Ave., San Francisco.
Architect—Henry H. Gutterman, 278 Post St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed July 28, '22. Dated July 27, '22.
Frame up \$3014.50
Brown coated 3014.50
Completed and accepted 3014.50
Usual 35 days 1014.50
TOTAL COST, \$12,058.00
Bond, none. Limit, 120 days. Forfeit, \$5. Plans and specifications filed.

RESIDENCE

(2931) N JACKSON 68-9 W. LYON. Two - story and basement frame residence.
Owner—S. F. Berg, Bankers' Invest. Bldg., San Francisco.
Architect—Samuel Lightner Hyman, 68 Post St., San Francisco.
Contractor—L. C. Lewis, 68 Post St., San Francisco. \$15,000

STORES

(2932) N. E. MISSION AND EUGENIA Sts. One-story reinforced concrete stores.
Owner—E. A. Cohn, care architect.
Architect—August G. Headman, New Call Bldg., San Francisco.
Day's work. \$27,000

TEL EXCHANGE

(2933) E. 5TH AVE. BET. ANZA and Geary. One-story addition and alterations for telephone exchange.
Owner—The P.C. Tel. & Tel. Co., 333 Grant Ave., San Francisco.
Architect—Plans by owner.
Contractor—MacDonald & Kahn, 130 Montgomery St., San Francisco. \$30,000

OFFICES.

(2934) S. W. BUSH AND TRINITY Sts. Two-story addition to present two-story concrete offices and stores.
Owner—A. F. Rousseau, 110 Sutter St., San Francisco.
Architect—D. Coleman, 110 Sutter St., San Francisco.
Day's work. \$40,000

RESIDENCE.

(2935) 2201 BRODERICK ST. Addition of solarium to garage in rear of residence.
Owner—R. W. Hills, Sr., 2201 Broderick St., San Francisco.
Architect—A. A. Cantin, 68 Post St., San Francisco.
Contractor—Harvey A. Klyce, Call Bldg., San Francisco. \$1200

DWELLING.

(2936) CHERRY 82-6 S. JACKSON Two-story and basement frame dwelling.
Owner—C. E. Lewis, 306 Sacramento St., San Francisco.
Architect—C. Schwarz, 1440A Hyde St., San Francisco.
Day's work. \$4000

DWELLING.

(2937) NE. GIRARD AND SILLIMAN. One-story and basement frame dwelling.
Owner—N. Abrahams, 134 Hale St.
Architect—None.
Day's work. \$3000

BAKERY.

(2938) 242 O'FARRELL ST. New store front, partition, mezzanine floor, etc., for bakery.
Owner—L. Ruffieux, 212 Powell St., San Francisco.
Architect—None.
Contractor—S. Levi, 243 7th St., San Francisco. \$2000

FRAME BLDG.

(2939) W TWENTY-FIRST AVE 87-6 S Cabrillo S 37-6 W 120 N 26 E 25 N 12-6 E 95. All work except lighting fixtures and wall paper and finish hardware for two-story and basement frame building.
Owner—W. E. Megannon.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—Peter Sartorio, 2150 Filbert St., San Francisco.
Filed July 29, '22. Dated July 10, '22.
Roof on \$3729.50
Brown coated 3729.50
Completed and accepted 3729.50
Usual 35 days 3729.50
TOTAL COST, \$14,918.00
Bond, \$7450. Sureties, C. Bruscher & August Tollini. Limit, forfeit, none. Plans and specifications filed.

FACTORY

(2940) NW HOWARD 172-6 SW Fifth SW 45 NW 160 NE 21-3 SE 80 NE 23-9 SE 80. All work for one-story factory building.
Owner—L. A. Merle, 55 1st St., San Francisco.
Architect—M. V. Politeo, First Nat'l Bank Bldg., San Francisco.
Contractor—S. Schell, 180 Jessie St., San Francisco.
Filed July 23, '22. Dated July 27, '22.
On 1st and 15th of each month 75%
Usual 35 days 35%
TOTAL COST, \$21,100

Bond, \$10,695. Surety, Fidelity & Deposit Co. of Maryland. Limit, Oct. 15, 1922. Forfeit, \$10. Plans and specifications filed.

DWELLING.

(2941) E. PLYMOUTH AVE. 67 and 99 S. Wildwood. Two one-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Day's work. \$3000 each

DWELLINGS.

(2942) S. GREENWOOD 47, 87, 127 W. Haze, Wood. Three one-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Day's work. \$3000 each

DWELLINGS.

(2943) N. JUDSON AVE. 90, 125, 155 W. Phelan Ave. Three one-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Day's work. \$3000 each

DWELLING.

(2944) S. E. GREENWOOD AND COLON. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Day's work. \$4000

DWELLING.

(2945) S. W. HAZELWOOD AND Greenwood Ave. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Day's work. \$4000

DWELLING.

(2946) E. DELANO 183 N. OCEAN Ave. One-story and basement frame dwelling.
Owner—Mrs. Cornelia Pitto, 37 Meda Ave., San Francisco.
Architect—None.
Contractor—Joseph Novello, 172 Bertita St., San Francisco. \$3850

FLATS.

(2947) N. W. GRATTEN AND SCHRAEDER. Two-story and basement frame (4) flats.
Owner—John J. Binet, 3336 Church St., San Francisco.
Architect—None.
Day's work. \$8000

DWELLING.

(2948) N. SUNNYSIDE AVE. 180 E. Edna. One-story and basement frame dwelling.
Owner—Victor Holmgren, 51 Seville St., San Francisco.
Architect—None.
Day's work. \$3000

GARAGE, ETC.

(2949) E. FOLSOM 200 S. Precita. Erect private garage and storage.
Owner—Church of the Immaculate Conception, Premises.
Architect—None.
Contractor—J. Caranza, 374 Shotwell St., San Francisco. \$600

FLATS, ETC.

(2950) N. GREEN 137-6 E. Fierce N. 137-6 E. 32-6. All work for two-story and basement frame building (flats and garage).

Owner—Marvin Curtiss.
Architect—Walsh & Carey, Merchants' National Bank Bldg., S. F.
Contractor—Edward Mooney, 12 Valencia St., San Francisco.

Filed July 31, '22. Dated July 31, '22.
Frame up and enclosed.....\$2500
Brown coated.....2000
Plastering and brick work done 1500
Completed and accepted.....2400
Usual 35 days.....2800
TOTAL COST, \$11,200

Bond, \$5660. Sureties, M. E. Carroll & Samuel Thompson. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(2951) S. HAIGHT bet. Cole and Shrader, No. 1775-77 Haight St. All work for alterations and additions to three-story frame flat and store building.

Owner—Leon Frank Leva, 415 Shrader
Architect—C. S. McNally, 661 Golden Gate Ave., San Francisco.
Contractor—Edwin Bradshaw, 24 Beulah St., and Percy J. McKenna, 454 Frederick St., San Francisco.
Filed July 31, '22. Dated July 17, '22.
Cellar and foundation in.....\$1478.50
Enclosed and roof boards on 1478.50
Brown coated.....1478.50
Completed and accepted.....1478.50
Usual 35 days.....1973.25
TOTAL COST, \$7885.00

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLINGS

(2952) S. BALBOA 80 and 107-6 W. Fortieth Ave. Two one-story and basement frame dwellings.
Owner—Hans Nielsen, 150 10th Ave., San Francisco.
Architect—None.
Contractor—T. E. Mohler, 458 23rd Ave., San Francisco. \$3900 each

APARTMENTS

(2953) SE DIVISADERO & FILBERT. Three-story and basement frame (6) apartments.
Owner—Carl Jorgensen, 150 Palm Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Day's work. \$27,000

DWELLINGS

(2954) W. EIGHTH AVE 25 and 50 N. Judah. Two two-story and basement frame dwellings.
Owner—Frank and Cora Doelger, 743 Irving St., San Francisco.
Architect—None.
Contractor—F. Doelger, 743 Irving St., San Francisco. \$7000 each

FLATS

(2955) NO. 1139 GEARY. Repair fire damage to flats.
Agents, Baldwin & Howell, 318 Kearny St., San Francisco.
Architect—None.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. \$2000

DWELLING

(2956) E. TWENTY-FIFTH AVE 25 N. Anza. One-story and basement frame dwelling.
Owner—L. B. Hammond, 151 26th Ave., San Francisco.
Architect—None.
Day's work. \$3900

RESIDENCES

(2957) E. TWENTY-THIRD AVE 100 and 125 N. Fulton. Two two-story and basement frame residences.
Owner—Bryan Peerick, 253 Downey St., San Francisco.
Plans by Owner.
Day's work. \$5000 each

FLATS.

(2958) N. E. HUGO and 2nd Ave. Two-story and basement frame (4) flats.

Owner—Ellen Powell, 1312A 4th Ave., San Francisco.
Architect—Plans by owner.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. \$15,000

MARKET.

(2959) S. MARKET 205 E. 8th. One-story steel frame market.
Owner—Crystal Palace Market Co., 1175 Market St., San Francisco.
Architect—D. C. Coleman, 119 Sutter St., San Francisco.
Day's work. \$250,000

STORE BLDG.

(2960) N. GEARY 64 W. 4th Ave. E. 28 x N. 100. All work except plumbing, glass, glazing, painting and tile work for store building.
Owner—Edw. E. and Sarah M. Hillon, 3940 Geary St., San Francisco.
Architect—Erle J. Osborne, Balboa Bldg., San Francisco.
Contractor—Adam Arras Co., 185 Stevenson St., San Francisco.
Filed July 27, '22. Dated July 25, '22.
Plaster completed.....\$2132
On completion of building.....\$2132
Usual 35 days.....\$2134

Bond, \$6699; sureties, The De Pass and R. A. Laner; forfeit, none; limit, 90 days. Plans and specifications filed.

FRAME FLATS

(2961) W. ELEVENTH AVE. 250 S. Clement. Two-story and basement frame (2) flats.
Owner—B. Kied, 314 11th Ave., San Francisco.
Plans by Owner.
Day's work. \$8000

FRAME FLATS

(2962) E. FRANKLIN 130 S. Filbert. Two-story and basement frame (7) flats.
Owner—Emilio Risi, 481 Vallejo St., San Francisco.
Architect—None.
Contractor—F. C. Amoroso, 1326 Kearny St., San Francisco. \$8000

ADDITIONS

(2963) NO. 131 JUDAH ST. Minor additions and alterations to dwelling.
Owner—C. Madeson, 1243 12th Ave., San Francisco.
Plans by Contractor.
Contractor—H. W. Oppermann, 741 Costa Rica Ave., San Mateo. \$1200

APARTMENTS

(2964) N. OAK 105 E. Steiner. Two-story and basement frame (7) apartments.
Owner—C. S. Grillo, 948 Market St., San Francisco.
Architect—Wm. Beasley, 948 Market St., San Francisco.
Contractor—Ehrhart Co., Olympic Club, San Francisco. \$14,500

DWELLING

(2965) E. FORTY-FOURTH AVE 130 N. Balboa. One-story and basement frame dwelling.
Owner—J. McAndrews, 503 Lyon St., San Francisco.
Architect—None.
Day's work. \$3000

APARTMENTS

(2966) SW. GREENWICH & HYDE. Ten-story and basement Class A (18) apartments.
Owner—O. B. Martin, % Architect.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.
Contractor—McLeran & Co., Hearst Bldg., San Francisco. \$200,000

RESIDENCE

(2967) N. MENDOSA 220 W. Yosemite. Two-story and basement frame residence.
Owner—Mrs. J. E. Hasty, 333 Webster St., San Francisco.
Architect—Harold G. Stoner, First Nat'l Bank Bldg., San Francisco.
Contractor—Julius Berge, 1234 30th Ave., San Francisco. \$7800

DWELLING

(2968) W ELEVENTH AVE 175 S Balboa. One-story and basement frame dwelling.
Owner—Charles Diebold, 2 Architect.
Architect—C. O. Clauson, Hearst Bldg., San Francisco.
Day's work. \$5000

RESIDENCE

(2969) LOCATION NOT GIVEN. All work for two-story, frame residence.

Owner—Dale H. and Ethel B. Poole.
Architect—Harold G. Stoner, 1st Natl. Bank Bldg., San Francisco.
Contractor—Charles Hall, 1301 4th Ave., San Francisco.

Filed Aug. 2, '22. Dated July 25, '22.
Roof on \$2275
Brown coated 2275
Completed 2275
Usual 35 days 2275
TOTAL COST, \$9100

Bond, none. Limit, Nov. 1, 1922. Forfeit, none. Plans and specifications filed.

RESIDENCE

(2970) N JACKSON 68-9 W Lyons N 127-84xW 34-4 1/2. All work for two-story and basement residence.

Owner—S. F. Berg, 2801 Jackson St., San Francisco.
Architect—Samuel L. Hyman, 68 Post St., San Francisco.
Contractor—H. C. Lewis, 420 Plymouth Ave., San Francisco.

Filed Aug. 2, '22. Dated July 27, '22.
Enclosed \$3476.25
Brown coated 3476.25
Completed and accepted 3476.25
Usual 35 days 3476.25
TOTAL COST, \$13,905.00

Bond, \$6952.50. Sureties, C. E. Reinhart and Chas. Charlaix. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(2971) NO. 1231-1233-1235 FULTON St. Alterations and additions to building.

Owner—William and Rose Cohn.
Architect—Henry Shermond, Hearst Bldg., San Francisco.
Contractor—E. P. Abrahamson & J. S. Cohn, 1233 Fulton St., S. F.

Filed Aug. 2, '22. Dated July 22, '22.
On 1st and 15th of each month 75%
Usual 45 days 25%
TOTAL COST, \$9585

Bond, \$4800. Surety, Republic Casualty Co. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

APARTMENTS

(2972) N WASHINGTON 170-6 W Franklin. Three-story and basement frame (3) apartments.

Owner—H. C. Keenan, 300 Webster St., San Francisco.
Architect—None.

\$30,000

DWELLINGS

(2973) W FORTY-FOURTH AVE 100, 125, 150, 175, 200, 225 and 250 S Geary. Seven one-story and basement frame dwellings.

Owner—Meyer Bros., 5326 Geary St.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

\$3000 each

BAKE OVEN, ETC.

(2974) NO. 322 FELL. Construct bake oven and brick chimney.

Owner—Blue Seal Baking Co., 324 Fell St., San Francisco.
Architect—O'Brien Bros., Inc., 240 Montgomery St., San Francisco.
Contractor—San Francisco Oven Co., 1265 Eddy St., S. F.

\$2600

DWELLING

(2975) NO. 2486 FIFTEENTH. Change front and add one room to dwlg.

Owner—C. F. Styeche, 2321 1/2 15th St., San Francisco.
Architect—None.

\$1000

DWELLINGS

(2976) S CABRILLO 90 and 11 W. 2nd Ave., San Francisco. Two one-story and basement frame dwellings.

Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None.

\$3950 each

FRAME FLATS

(2977) W FOURTEENTH AVE 225 N Cabrillo. Two-story and basement frame (2) flats.

Owner—Dr. L. S. Constance, 411 15th St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contractor—J. E. Barker, 1219 Page St., San Francisco.

\$12,000

FRAME FLATS

(2978) E FUNSTON AVE 250 S Lake. Two-story and basement frame (2) flats.

Owner—George A. Koch, 59 2nd St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco.

Contractor—Strand & Strand, 614 Broderick St., San Francisco.

\$3600

DWELLING

(2979) SW LINCOLN WAY AND Twenty-fourth Ave. One-story and basement frame dwelling.

Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F.
Architect—None.

\$4000

BUNGALOW

(2980) N TARAVAL 125 W Thirty-sixth Ave. One-story hollow tile bungalow.

Owner—Otto Schimmel, Room 304, No. 105 Montgomery St., S. F.
Architect—None.

Contractor—Peerless Constr. Co., 3867 18th St., San Francisco.

\$3500

IRON WORK

(2981) NW BATTERY AND SACRAMENTO W 235xN 119-6. All interior and exterior ornamental iron work for seven-story Class A bank building.

Owner—Federal Reserve Bank of San Francisco.
Architect—Geo. W. Kellham, Sharon Bldg., San Francisco.

Contractor—Californian Artistic Metal & Wire Co., 351 7th St., S. F.

Filed Aug. 2, '22. Dated July 19, '22.
On 10th of each month 75%
Usual 35 days 25%

TOTAL COST, \$62,800

Bond, \$14,000. Surety, Fidelity & Deposit Co. of Maryland. Limit, as required. Forfeit, none. Plans and specifications filed.

(2982) HEATING AND VENTILATING system on above.

Contractor—James A. Nelson, 517 6th St., San Francisco.

Filed Aug. 3, '22. Dated July 26, '22.
Payment same as above.

TOTAL COST, \$121,950

Bond, \$60,978. Surety, Fidelity & Deposit Co. of Maryland. Limit, as required. Forfeit, none. Plans and specifications filed.

PLUMBING, ETC.

(2983) S TULAC 137-6 W Taylor W 50x S 137-6. Plumbing and gas fitting for two-story and basement Class C reinforced concrete building.

Owner—Mortimer A. Samuel.
Architect—August G. Headman, Call Bldg., San Francisco.

Contractor—J. A. Black.

Filed Aug. 3, '22. Dated July 26, '22.
Plumbing and gas fitting work.

Roughed in \$863
Completed and accepted 562
Usual 35 days 380

TOTAL COST, \$2317

Bond, \$1700. Sureties, E. V. Lacey and O. A. Meherin. Limit, without delay. Forfeit, \$20. Plans and specifications filed.

PLUMBING, ETC.

(2984) S SUTTER 45-10 E Taylor E 45-10xS 81-8. Plumbing and gas fitting for three-story and basement Class C reinforced concrete store and apartment house.

Owner—Mortimer A. Samuel.
Architect—August G. Headman, Call Bldg., San Francisco.

Contractor—Frank Davidson, 779 Folsom St., San Francisco.

Filed Aug. 3, '22. Dated July 26, '22.
Plumbing roughed in \$1702
Completed and accepted 1702
Usual 35 days 1135

TOTAL COST, \$4954

Bond, \$2800. Sureties, Lowell Davidson and G. F. Childers. Limit, 75 days. Forfeit, \$20. Plans and specifications filed.

PAINTING

(2985) COR. FIFTH AVE & GEARY. All work for painting French Hospital.

Owner—Société Française de Bien-faisance Mutuelle, Premises.
Architect—None.

Contractor—Jos. Daniel.
Filed Aug. 3, '22. Dated Aug. 2, '22.
Work 4 completed \$500
Work 1/2 completed 500
Completed and accepted 500
Usual 35 days 550

TOTAL COST, \$2050

Bond, \$1000. Sureties, Hartford Accident & Indemnity Co. Limit, 60 days after Aug. 3. Forfeit, \$10. Plans and specifications filed.

GARAGE

(2986) SE GROVE AND DIVISADERO 160x E 125. All work except finish hardware and roofing for one story and mezzanine Class C garage building.

Owner—Frank E. Clark, 180 Clayton St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contractor—L. Vannucci Bros., 16th & Church Sts., San Francisco.

Filed Aug. 3, '22. Dated July 17, '22.
Concrete footing poured, forms erected and steel placed to bottom of trusses \$2500.00
Concrete walls poured 3629.25

Plumbing and wiring roughed in & ready for roof contractor 3659.25
Completed and accepted 3559.25
Usual 35 days 4462.25

TOTAL COST, \$17,850.00

Bond, \$8925. Sureties, F. J. Reddy and E. V. Lacey. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Aug. 3, 1922—S PINE 185 W Leavenworth W 45-10xS 137-6. L. J. Neal to whom it may concern. Aug. 2, 1922

Aug. 3, 1922—LOT 1 BLK 34, Sunny-side John Rizzo to whom it may concern. Aug. 3, 1922

Aug. 3, 1922—E TWENTY-THIRD AVE 125 S Cabrillo S 25x E 120. August Cederberg to whom it may concern. Aug. 1, 1922

Aug. 3, 1922—NW PINE AND MONTGOMERY N 125xW 138-6. Commercial Union Assurance Co. and The California Insurance Co. to W P Fuller & Co and J H Keefe Co. July 31, 1922

Aug. 3, 1922—NE GREEN & GARBaldi 40x57-6. Battista Bettoni to F C Amaro. Aug. 2, 1922

Aug. 3, 1922—S EIGHTEENTH 155 E
Noe E 25xS 114. Pauline Tilhou to
J. Parnochia & Co. Aug. 3, 1922

Aug. 2, 1922—N NINETEENTH W 81
x303; No. 3620 119th St. M. D. Arms
to whom it may concern. Aug. 2, 1922

Aug. 2, 1922—ALL LOT 15 BLK 6
Flint Tract Hd. Ass'n; N. Masonie
Ave 167-5½ W Park Hill Ave W 2
N 50 W 50 N 81-8½ E 10-5 SE
116-7 W 41-8 S 60 Ptn Lots 12, 13
and 14 Blk 6, Flint Tract Hd.
Ass'n. Matto Sandona and Ger-
trude M. Sandona (wf) to whom it
may concern. July 31, 1922

Aug. 2, 1922—W SIXTEENTH AVE
95 S. Anza S 25xW 97.10. Hulda and
Gustaf Sandberg to Sandberg &
Esmann. Aug. 1, 1922

Aug. 2, 1922—N JERSEY 125 E
Church E. 26xN 114. Victor Zullmes
to whom it may concern. Aug. 1, 1922

Aug. 2, 1922—NE TWENTY-FIRST
and San Carlos Ave. 52x85; No. 3232
21st St. A W Congdon to Joe J.
Johnson. Aug. 1, 1922

Aug. 2, 1922—N CABRILLO 96-8 E
20th Ave. Dr. J. A. Gawthorne to
J. W. Swift. Aug. 1, 1922

Aug. 2, 1922—S GREEN 200 E Pierce.
Dr. F. A. Gawthorne to J. W. Swift
..... Aug. 1, 1922

Aug. 1, 1922—E TWENTY-SEVENTH
Ave 220 N Balboa N 25xE 120.
Gustave Moeller to Meyer Bros.
..... July 27, 1922

Aug. 1, 1922—E TWENTY-SEVENTH
Ave 195 N Balboa N 25xE 120.
John Gray to Meyer Bros. July 27,
1922

Aug. 1, 1922—W TWENTY-FIFTH
Ave. 250 N. Cabrillo, N. 25 x W 120.
Peter R. O'Shea to Knabenshuh &
Morrison. July 31, 1922

Aug. 1, 1922—W TWENTY-FIFTH
Ave 275 N. Cabrillo N 50xW 120.
Frank B. Scholz to Knabenshuh &
Morrison. July 22, 1922

Aug. 1, 1922—S W. LEAVENWORTH
and Clay distant 171-6 W 11xS
137-4 No. 1441 Clay St. G. W.
Burnett to Harry C. Warwick.
..... July 31, 1922

Aug. 1, 1922—S W OCEAN AVE 77.64
SE Faxon Ave SE 25.88 S 88-2 W
25 N 41-9 Lot 1 Blk 17, Lakewood.
Morris L. Levy and Rae Levy to whom
it may concern. July 29, 1922

Aug. 1, 1922—SE TWENTY-SEVENTH
Ave and California. Thomas J.
Peeney to Thomas M. Jones.
..... July 31, 1922

Aug. 1, 1922—S W FORTY-SIXTH AV
and Lincoln Way. George Sack to
Mark C. Ingraham. July 29, 1922

Aug. 1, 1922—S NORIEGA 50 E 20th
Ave 25x100. May McCullough to
Robt O. Beach. July 24, 1922

Aug. 1, 1922—S NORIEGA 25 E 20th
Ave 25x100. Mrs. Agnes Sebe to
Robt O. Beach. July 24, 1922

July 31, 1922—E NINTH AVE 50 N
Fulton N 25xE 81-8. Michael Mc-
Donough to whom it may concern
..... July 31, 1922

July 31, 1922—W THIRTY-SIXTH
Ave 75 N Cabrillo N 25xW 100. Roy
A Pratt to whom it may concern.
..... July 27, 1922

July 31, 1922—NO. 5121-23-25 MIS-
sion. Mrs. Wm. Varni to Monson
Bros. July 31, 1922

July 31, 1922—W DIVISADERO 50 S
Bush S 87-6xW 103-3. Jos Pas-
qualetti to whom it may concern.
..... July 31, 1922

July 31, 1922—S FINE 206-3 W Hyde
33-9 on Pine by 137-6; No. 1355
Pine. M. D. Warwick to whom it
may concern. July 31, 1922

July 31, 1922—E NINTH AVE 50 N
Fulton N 25xE 81-8. Michael Mc-
Donough to whom it may concern
..... July 31, 1922

July 31, 1922—S PARNASSUS AVE
207-4½ W Cole S 156xW 25; 232-3½
W Cole S 165xW 25; 132-3½ W Cole
S 125xW 25; 157-3½ W Cole S 25 W
25 N 125 E 25; 132-3½ and 107-3½

W Cole S 125xW 25. John J. Bluet
to whom it may concern. July 29,
1922

July 29, 1922—W EIGHTH AV. 150 S.
Balboa 25x120. San Francisco. Al-
fred T. Morris to whom it may con-
cern. July 28, 1922

July 29, 1922—W TWENTY-SEVENTH AV.
232-7 S. Balboa. 25x120. Emil Nel-
son to whom it may concern. July 25,
1922

July 21, 1922—S WASHINGTON. 151
E Van Ness Ave. T M W and Mary
West to whom it may concern.
..... July 29, 1922

July 29, 1922—LOT 8 BLK. 3161.
Westwood Park. Edw. E. and
Margaret L. Madden to Hans Nel-
son. July 29, 1922

July 29, 1922—E TWENTY-THIRD
Ave 150 N Clement N 25xE 120. M.
P. Storheim to whom it may con-
cern. July 29, 1922

July 28, 1922—LOT 9 BLK 3161.
Westwood Park. Roy Case Rus-
sell and Viola Russell to Hans
Nelson. July 27, 1922

July 28, 1922—W THIRTY-FOURTH
Ave 250 S Geary S 25xW 120. G W
Urban to whom it may concern.
..... July 27, 1922

July 28, 1922—E THIRTY-FIFTH
Ave 125 N Taraval N 25xE 120.
Leland A. Spargo to Julius Berge
..... July 27, 1922

July 28, 1922—S BUSH 137-6 W
Mason W 50xS 137-6. James Welsh
to James Welch Co. June 14, 1922

July 28, 1922—S MERCEDE AVE 105
W Laguna Honda Blvd., No. 15
Merced Ave. C F Parker to whom
it may concern. July 28, 1922

July 28, 1922—E TWENTY-EIGHTH
Ave 150 N Clement. C. H. Robb to
Meyer Bros. July 27, 1922

July 28, 1922—E TWENTY-EIGHTH
Ave 175, 208 and 225 S. Anza.
George A. Petrari to Meyer Bros.
..... July 28, 1922

July 28, 1922—E PHELAN AVE 100
S Staples. Wm M and Blanche
Keirns to P H Madden. June 24, 1922

July 28, 1922—BLK EDED on NW by
Mission, on N by Silver Ave and S
by Ashbur. Hebrew Home for
Aged Disabled to A G Reed.
..... July 27, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Aug. 1, 1922—W CAPITOL AVE 75 N
Grafton Ave N 25xW 100. Tony
Chichi vs John J. Sweeney, James
Arnott & Son and C W Boulware. \$16
Aug. 1, 1922—E CAPITOL AVE 50 N
Grafton Ave N 25xE 106. Tony
Chichi vs Brigitta Laub, James
Arnott & Son and C W Boulware. \$16
Aug. 1, 1922—NE GRAFTON AVE &
Lee Ave E 25xN 160. Tony Chichi
vs August De Ferrari and Amelia
De Ferrari. James Arnott & Son
and C W Boulware. \$15
Aug. 1, 1922—PAGE 137-6 E Masonie
E 44-4½xN 137-6. Inland Floor Co
vs Bernhard Van Dyke and Clara
Van Dyke \$427.50
July 31, 1922—E THIRTY-SIXTH AV
215 N Irving N 30xE 120. Tony
Chichi vs Chas E Green, James
Arnott & Son and C W Boulware. \$23
July 31, 1922—E THIRTY-SIXTH AV
245 N Irving N 30xE 120. Tony
Chichi vs Chas E Green, James
Arnott & Son and C W Boulware. \$28
July 29, 1922—N. SUTTER 24 E.
Baker E. 23-6 x N. 87-6. Christen-
son Lumber Co vs Jennie C. Mc-
Lea, wife Donald McLea, formerly
Jennie C. Wilson. \$405.83
July 28, 1922—S CLEMENT 82-6 W
Second Ave W 25xS 100. No. 121-
123-125 Clement. Frank Portman
vs G Moriconi and Jas Hcney. \$802.70

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
July 29, 1922—S GILMAN 100 E
Hawes E 25xS 100. James Tobin
to Catherine, Denvir.

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Aug. 2, 1922—NW FOURTEENTH &
Polom N 16 W 111 S to 14th E 106.
Corrath. Co as to improvements
on property.

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

Aug. 2, 1922—NO. 385 SHOTWELL ST.
Fred Freye with Fred Bammann
July 29, 1922—LO C A T I O N NOT
Given. J J McCook with E E Yates
Contract Released April 24, 1922.

BUILDING CONTRACTS

ALAMEDA COUNTY

The following is an index for the
contracts for this issue.

No.	Owner	Contractor	Am't
3297	McTavish	Owner	30000
3298	Hoffschneider	Williams	4100
3299	Hendricks	Owner	1500
3300	Mathias	Owner	2500
3301	Lewis	Schmidt	1200
3302	Chevrolet	Owner	5000
3303	Reem	Reem	4000
3304	Breese	Lassen	2700
3305	Tribune	Schuler	8317.9
3306	Tribune	Schuler	3000
3307	Tribune	Owner	60750
3308	Piedmont	Owner	6000
3309	Reed	Leiter	4500
3310	Giffillan	Owner	3400
3311	Vinson	Dolan	3650
3312	Same	Same	3975
3313	American	Maurice	20000
3314	Hoardeck	Place	11750
3315	Williams	Owner	10500
3316	Pummer	Gimos	1500
3317	Tribune	Owner	250000
3318	Coit	Coit	3950
3319	Terstegge	Norris	10000
3320	Norris	Owner	4000
3321	Bannon	Dolan	3975
3322	Star	California	11331
3323	Hamilton	Owner	6000
3324	Bailey	Dawe	3000
3325	Tieslau	Owner	1000
3326	Hendricks	McCulloch	4039
3327	Shell	Owner	1500
3328	Selman	Selman	8000
3329	Quigley	Owner	2000
3330	Marshall	Owner	3500
3331	Carvalho	Bruck	4223
3332	Barkson	Isakson	3000
3333	Baxley	Smith	2000
3334	Ernst	Owner	4000
3335	Minnery	Curtis	1500
3336	Koofman	Stewart	4500
3337	Shattuck	Stewart	8000
3338	Mortensen	Owner	2900
3339	Dondmeyer	Owner	2900
3340	Davies	Marshall	15000
3341	McCaslen	Diggs	15000
3342	Meyer	Ffrang	11350
3343	Arnsen	Flittner	2260
3344	Carvalho	Bruck	4220
3345	American	Maurise	20000
3346	Myers	Francisco	2400
3347	Wollesen	Owner	2500
3348	Manley	Wiley	3000
3349	Shipman	Owner	1500
3350	Albasio	Benassini	1500
3351	Grimes	Owner	5800
3352	Robins	Wieben	27600
3353	Rednair	Jensen	1360
3354	Edwards	Lucas	16428
3355	Hunter	Landlatt	7000
3356	Brintall	Blood	1600
3357	Pavert	Owner	28850
3358	Hudson	Owner	3600
3359	Harrier	Kidder	1000
3360	Osvich	Owner	5000
3361	Capwell Co.	Knowles	16000
3362	Reeves	Taylor	3600

3363	J-nson	Rose	3000
3364	Balex	Gaubert	3000
3365	Finkelstein	Hillen	6875
3366	Hewleade	Oliver	11550
3367	Peterson	Hillen	3350
3368	Price	Owner	4000
3369	Carr	Home	5250
3370	Parker	Owner	5000
3371	Ed of Education	Murch	1800
3372	Owens	Owens	2000
3373	Acadia	Neibel	4000
3374	Rasmussen	Darling	5800
3375	Realty	Western	1400
3376	Hentschmidt	Ferguson	4000
3377	Musso	Benson	2600
3378	Falcy	California	22000
3379	Reeves	Ward	5000
3380	Lodge	Lodge	3000
3381	Sigwald	Owner	2500
3382	Rheberg	Owner	3200
3383	McCo	McCo	4000
3384	Olivera	Bergier	3200
3385	Tomlinson	Floyd	4000
3386	Norris	California	20000
3387	Hewelke	Owner	10000
3388	White	Lloyd	3000
3389	Cardic	Burns	2850
3390	Mankovits	Schwalm	10124
3391	Travaglini	Flittner	3100

FLATS

(3297) N DWIGHT 400 E Telegraph Ave., Berkeley. Two-story 32-room Class C flats.

Owner—J. P. McTavish, 1160 5th St., Oakland.

Architect—None.

Day's work. \$30,000

STORE & APTS.

(3295) SW. COR. 40TH AND TELEGRAPH, Oakland. Three-story frame stores and apartments.

Owner—Geo. Hoffschneider, 523 41st St., Oakland.

Architect—None.

Contractor—C. C. Williams, 1524 Franklin, Oakland. \$11,000

DWELLINGS.

(3299) E. BARTLETT 230 and 320 N. Davis, Oakland. Two one-story 3 room dwellings, Oakland.

Owner—F. F. Hendricks, 2150 35th St., Oakland.

Architect—None.

Day's work. \$2250 each

DWELLING.

(3300) SE. COR. 85TH AV. AND Dowling Sts., Oakland. One-story 4-room dwelling.

Owner—M. R. Mathias, 1122 Kirkham St., Oakland.

Architect—None.

Contractor—J. P. Silva, 550 46th St., Oakland. \$2500

REPAIRS.

(3301) 1356 FRUITVALE AV., Oakland. Fine repairs.

Owner—J. C. Lewis, Central Bank Bldg., Oakland.

Architect—None.

Contractor—B. H. Schmidt, 2237 E. 19th St., Oakland. \$1200

ALTERATIONS.

(3302) FOOTHILL BLVD. AND 69TH AV., Oakland. Alterations.

Owner—Chevrolet Motor Co. Architect—None.

Day's work. \$5000

FLAT.

(3303) S. JEAN ST. 300 W. GRAND, Oakland. One-story 5-room dwelling.

Owner—Reom & Swanson.

Architect—None.

Contractor—Harry Reom, 1035 Grand Av., Oakland. \$4000

DWELLING

(3304) S. PROSPECT 68 W. Capell, Oakland. All work for one-story four-room dwelling and garage.

Owner—R. S. Breese, 936 12th St., Okd.

Architect—None.

Contractor—C. C. Lassen, 5315 College Ave., Oakland.

Filed July 28, '22. Dated July 26, '22.

Frame up \$600

Plastered 600

Interior finish on 600

Accepted 300

30 days after 300

TOTAL COST, \$2700

Bond, none. Limit, 90 days. Forfeit, \$2. Plans and specifications filed.

OFFICE BLDG.

(3205) S THIRTEENTH 60 W Franklin W 108 S 100, Oakland. Concrete and reinforcing steel for 19-story office building.

Owner—Tribune Building Co.

Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.

Contractor—Eugene Schuler and J. E. McDonald (Schuler & McDonald), 1946 Park Blvd., Oakland.

Filed July 28, '22. Dated July 21, '22.

On let up 15th of each month 75%

Usual 35 days 25%

TOTAL COST, \$32,179

Bond, \$42,000. Surety, American Indemnity Co. Limit, complete one floor per week after steel in place. Forfeit, none. Plans and specifications filed.

(3306) EXCAVATING, FILLING AND UNDERPINNING ON ABOVE.

Contractor—Schuler & McDonald, 1946 Park Blvd., Oakland.

Filed July 28, '22. Dated July 21, '22.

Payments same as above.

TOTAL COST, not over \$9000

Bond, \$4500. Surety, American Indemnity Co. Limit, 45 days. Forfeit none. Plans and specifications filed.

(3307) STRUCTURAL STEEL AND CAST IRON BASES ON ABOVE.

Contractor—Dyer Bros. Golden West Iron Works, Inc., 17th and Kansas St., San Francisco.

Filed July 28, '22. Dated July 24, '22.

Payments same as above.

TOTAL COST, \$60,750

Bond, none. Limit, 150 days. Forfeit, none. Plans and specifications filed.

DWELLING

(3308) NO. 76 LAKE VIEW AVE., Piedmont. Two-story 5-room dwlg.

Owner—Piedmont Properties Co.

Architect—None.

Day's work. \$6000

DWELLING

(3309) NO. 56 NACE ST., Piedmont. One-story 5-room dwelling and garage

Owner—J. H. Rude.

Architect—None.

Contractor—E. T. Letter & Son, Call Bldg., San Francisco. \$4500

DWELLING

(3310) NO. 174 OAK ROAD, Piedmont. One-story 3-room dwelling.

Owner—H. M. Gillilan.

Architect—None.

Day's work. \$3400

DWELLING

(3311) W ELLIOTT 70 S E-34th, Oakland. One-story 5-room dwelling.

Owner—R. B. Vinson.

Architect—None.

Contractor—Leo J. Dolan, 400 Syndicate Bldg., Oakland. \$3650

DWELLING

(3312) SW E-THIRTY-FOURTH and Elliott, Oakland. One-story 5-room dwelling.

Owner—R. B. Vinson.

Architect—None.

Contractor—Leo J. Dolan, 400 Syndicate Bldg., Oakland. \$3975

BANK

(3313) E FRUITVALE AVE 15 S Hopkins, Oakland. One-story bank.

Owner—American Bank, 16th and Pablo Ave., Oakland.

Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.

Contractor—F. W. Maurice, 605 E-22nd St., Oakland. \$20,000

FLATS, ETC.

(3514) W GROVE 100 N Twenty-eighth Oakland. Two-story 12-room flats and garage.

Owner—G. Hourcade.

Architect—J. W. Oliver, 3720 Foothill Blvd., Oakland.

Contractor—Nile W. Place, 310 Fairmount Ave., Oakland. \$11,760

DWELLING

(316) N LONGRIDGE ROAD 150 E Verada Road, Oakland. Two-story 8-room dwelling and garage.

Owner—Mrs. Margaret S. Williams, 12 Webster St., Oakland.

Architect—M. I. Diggs, Easton Bldg., Oakland.

Day's work. \$10,500

DWELLING

(3316) E SEVENTY-NINTH AVE 105 S Hillside, Oakland. One-story 5-room dwelling.

Owner—Mrs. M. Furmer, 7901 Hillside Ave., Oakland.

Architect—None.

Contractor—M. M. Gimos. \$1600

OFFICE BLDG.

(3317) S. 15TH ST. 60 W. FRANKLIN, Oakland. Twenty-story steel frame office building.

Owner—Tribune Bldg. Co.

Architect—Edw. T. Foulkes, Crocker Bld., San Francisco.

Day's work. \$250,000

DWELLING.

(3318) E. 24TH AV. 115 S. E-21ST St., Oakland. One-story 5-room dwelling.

Owner—C. B. Coit, 306 14th St., Oakland.

Architect—None.

Contractor—Roger Coit, 306 14th St., Oakland. \$3950

FLATS.

(3319) W. VALLE VISTA AV. 160 N. Elwood, Oakland. Two-story 12-room flats.

Owner—Tersteggs & Pfundstein, 606 Santa Clara Av., Oakland.

Architect—None.

Contractor—Ralph E. Norris, 423 Hill Lane, Oakland. \$10,000

DWELLING.

(3320) SW. COR. VERMONT and Davidson Way, Oakland. One-story 5-room dwelling.

Owner—Ralph E. Norris.

Architect—None.

Day's work. \$4000

DWELLING.

(3321) S WALLA VISTA opp. Arimo, Oakland. One-story 5-room dwelling.

Owner—A. Bannon.

Architect—None.

Contractor—Leo J. Dolan, 400 Syndicate Bldg., Oakland. \$3975

WAREHOUSE

(3322) E R-FOURTEENTH 842 N Stanley Ave. 210.85x1032.76, Oakland

Structural steel for one-story warehouse.

Owner—Star Motor Co. through Agent P. J. Walker Co., Monadnock Bldg., San Francisco.

Architect—None.

Contractor—California Steel Co., Hoart Bldg., San Francisco.

Filed July 28, '22. Dated July 27, '22.

On 10th of each month. 76%

Usual 35 days. 25%

TOTAL COST, \$11,33

Bond, \$6666. Surety, Fidelity & Deposit Co. Limit, Sept. 6, 1922. Forfeit none. Plans and specifications filed.

COMMISSION HOUSE

(3323) SW BERKELEY WAY AN. Shattuck, Berkeley. One-story tile and brick commission house.

Owner—M. F. Hamilton, 325 Santa F Ave., Berkeley.

Architect—None.

Day's work. \$600

ALTERATIONS

(3324) NO. 2632 CHANNING, Berkeley
Alterations and garage.
Owner—Mrs. L. H. Bailey, Premises
Architect—None.
Contractor—Chas. Dawo, 1711 Grove
St., Berkeley. \$3000

ALTERATIONS

(3325) NO. 2314 GROVE ST., Ber
keley. Alterations.
Owner—L. Tieselau, Premises.
Architect—None.
Day's work. \$1000

DWELLING

(3326) NO. 901 HILLDALE, Berkeley
One-story 4-room dwelling.
Owner—L. J. Henriks.
Architect—H. E. Harris.
Contractor—H. M. McCullough & Son,
1634 Berkeley Way, Berkeley. \$4000

STATION

(3327) SAN PABLO 100 N University,
Berkeley. One-story steel service
station.
Owner—Shell Co., 343 Sansome St., San
Francisco.
Architect—None.
Day's work. \$3000

DWELLINGS

(3328) N BLOOKDALE 158 and 238 E
55th Ave., Oakland. Two one-story
5-room dwellings.
Owner—Mrs. J. G. Sellman, 1320 E-25th
St., Oakland.
Architect—None.
Contractor—C. G. Sellman Constr. Co.,
\$4000 each

DWELLING

(3329) N DIANA 100 E 73d Ave., Oak-
land. One-story 5-room dwelling.
Owner—J. F. Quigley, 7316 Diana St.,
Oakland.
Architect—None.
Day's work. \$2000

DWELLING

(3330) W EDGEWOOD AVE 240 N El
Centro, Oakland. One-story 5-room
dwelling.
Owner—Howard Marshall, 2267 Broad-
way, Oakland.
Architect—None.
Day's work. \$3500

DWELLING

(3331) NO. 3265 HELEN, Oakland.
One-story 5-room dwelling.
Owner—Antone and Lena Carvalho,
Premises.
Architect—None.
Contractor—Theo. Bruck, 1236 40th
Ave., Oakland. \$4220

DWELLING

(3332) E HANOVER AV 180 N Lester
Oakland. One-story 4-room dwlg.
Owner—Mrs. Mathilda J. Bankson.
Architect—None.
Contractor—A. Isakson, 3060 Dell-
view, Oakland. \$3000

STORE

(3333) E MARKET 50 S 18th, Oak-
land. One-story store.
Owner—Miss Alice Bixley, 2036 Rose-
dale Ave., Oakland.
Architect—None.
Contractor—C. M. Smith, Y. M. C. A.
Oakland. \$2000

DWELLING

(3334) S NORTH COURT 200 E Pleas-
ant Valley Ave., Oakland. One-
story 5-room dwelling.
Owner—George Ernst, 838 46th St.,
Oakland.
Architect—None.
Day's work. \$4000

DWELLING

(3335) S OUTLOOK 200 W Ritchie,
Oakland. One-story 3-room dwlg.
Owner—E. T. Minney, 7850 Foothill
Blvd., Oakland.

Architect—None.

Contractor—C. A. Curtis, 7820 Foothill
Blvd., Oakland. \$1500

DWELLING

(3336) W PARK BLVD 400 W Well-
ington, Oakland. One-story 5-room
dwelling.
Owner—H. J. Koofman, E-35th St.,
Oakland.
Architect—None.
Contractor—H. A. Stewart, 437 Perkins
St., Oakland. \$4500

CLASS ROOM

(3337) N SIXTY-THIRD 60 E Shat-
tuck Ave., Oakland. Two-story
class room.
Owner—Shattuck Ave. M. E. Church
Premises.
Architect—None.
Contractor—G. J. Schwanter, 6203 Col-
lege Ave., Oakland. \$8000

DWELLING

(3338) SW SIXTY-SECOND AND
Marshall, Oakland. One-story 5-
room dwelling.
Owner—R. Mortensen, 6135 Herzog St.,
Oakland.
Architect—None.
Contractor—J. T. Kelly, 974 63rd St.,
Oakland. \$3000

DWELLING

(3339) E THIRTY-THIRD AVE 90 N
E-17th St., Oakland. One-story 5-
room dwelling.
Owner—Mary Dondmeyer, 3310 E-17th
St., Oakland.
Architect—None.
Day's work. \$2900

GARAGE

(3340) NW E-TWELFTH & THIRTY-
fourth Ave., Oakland. One-story
brick and tile garage.
Owner—R. Davis, 3130 Elmwood St.,
Oakland.
Architect—None.
Contractor—Marshall & Burks, Bacon
Bldg., Oakland. \$15,000

STORES

(3341) W BROADWAY 40 N 23rd St.,
Oakland. One-story concrete stores.
Owner—John and Lillian McCashin.
Architect—None.
Contractor—M. I. Diggs, Easton Bldg.,
Oakland. \$15,000

DWELLING

(3342) N LONGRIDGE ROAD 50 E
Lakeside, More. Oakland. Two-story
10-room dwelling.
Owner—Mrs. Meyer, Colusa, Calif.
Architect—None.
Contractor—C. J. Pfrang, 480 Forest
Oakland. \$11,350

DWELLING

(3343) N DOUGLAS 30 W Harrington
Ave. N 100 W 39.77 S 100 E 39.46,
Oakland. All work for one-story
4-room dwelling.
Owner—H. Aronsen and J. T. Nittler,
2223 Santa Rita Ave., Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th
Ave., Oakland.

Filed July 31, '22. Dated July 28, '22.
Frame up 1
Brown coated 1
Completed and accepted 1
Usual 35 days 1
TOTAL COST, \$2360
Bond, none. Limit, 90 days from Aug.
1. Forfeit, \$1. Plans and specifications
filed.

DWELLING

(3344) W HELEN 100 S B St. S 50xW
133, Oakland. All work for one-
story 6-room dwelling.
Owner—Antone Lema Carvalho and
Gussie Carvalho, 3265 Helen St.,
Oakland.
Architect—None.
Contractor—Theo. Bruck, 1236 40th
Ave., Oakland.

Filed July 31, '22. Dated July 25, '22.
Frame up 1
Brown coated 1
Completed and accepted 1
Usual 35 days 1
TOTAL COST, \$220
Bond, none. Limit, 90 days from Aug.
1. Forfeit, \$1. Plans and specifica-
tions filed.

BANK

(3345) E FRUITVALE AVE 53 S Hop-
kins S 54-73x E 34, Oakland. All
work for one-story bank.
Owner—The American Bank.
Architect—Edw. T. Foulkes, Crocker
Bldg., San Francisco.
Contractor—F. W. Maurice, 1362 E-25th
St., Oakland.
Filed July 31, '22. Dated July 24, '22.
On 10th of each month 75%
Usual 35 days 25%
TOTAL COST, \$20,000
Bond, \$10,000. Surety, Globe Indemnity
Co. Limit, 90 days. Forfeit, \$26.
Plans and specifications filed.

DWELLING

(3346) E NINETY-FOURTH AVE 37 1/2
S Holly, Oakland. One-story five-
room dwelling.
Owner—C. Meyers, Cor. 94th Ave. and
E-14th St., Oakland.
Architect—None.
Contractor—C. B. Francisco, 1470 81th
Ave., Oakland. \$2400

DWELLING

(3347) W SIXTY-EIGHTH 309 N
Flora, Oakland. One-story 5-room
dwelling.
Owner—Hau Vollesen, 836 E-14th St.,
San Leandro.
Architect—None.
Day's work. \$2500

MILL

(3348) NE THIRTY-FOURTH AND
Beach, Oakland. One-story plan-
ing mill.
Owner—C. M. Manley and G. Johnson,
2626 12th Ave., Oakland.
Architect—None.
Contractor—C. M. Manley, 2626 12th
Ave., Oakland. \$3000

DWELLING

(3349) S WELD 800 E 73rd Ave., Oak-
land. One-story 4-room dwelling.
Owner—Clarence A. Shipman, 1708
Ward St., Berkeley.
Architect—None.
Day's work. \$1500

DWELLING

(3350) E WEBSTER 200 S 48th St.,
Oakland. One-story 3-room dwlg.
Owner—C. Albasio, 142 18th St., Oak-
land.
Architect—None.
Contractor—Fio Benassini, 2251 Miles
Ave., Oakland. \$1500

DWELLING

(3351) W WALKER AVE 250 S Wel-
den, Oakland. Two-story 6-room
dwelling.
Owner—Robert D. Grimes, 2011 Uni-
versity Ave., Berkeley.
Architect—None.
Day's work. \$5800

APARTMENTS

(3352) W TELEGRAPH AVE 45 S
38th W 130xS 45, Oakland. All work
for two-story hollow tile apart-
ments.
Owner—Percy and R. M. Robins, 3125
High St., Oakland.
Architect—None.
Contractor—Alex C. Wieben, 839 Rose-
mount St., Oakland.
Filed Aug. 1 '22. Dated July 27, '22.
Rough plumbing 1
Brown coated 1
Completed and accepted 1
Usual 35 days 1
TOTAL COST, \$27,500
Bond, \$14,000. Sureties, Globe Indem-
nity Co. Limit, 110 days. Forfeit, \$10.
Plans and specifications filed.

APARTMENTS

(3553) LOT 1 BLK H, Map Fourth Ave Terrace, Oakland. All work for two-story and basement apartments.

Owner—Albert A. Bednarz, Merrimac St., Oakland.
Architect—George O'Brien, Bacon Bldg., Oakland.

Contractor—Hans C. Jensen and Christian Pedersen (Jensen & Pedersen) 3413 Adeline St., Oakland.

Filed Aug. 1, '22. Dated July 6, '22.
Roof on ¼
Interior plastered and exterior brown coated ¼
Completed and accepted ¼
Usual 35 days ¼
TOTAL COST, \$13,692

Bond, \$7000. Sureties, Hans H. Kroman and Magnus Holstedt. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

DWELLING

(3254) UPTY DES REED DEED B. F. Edwards to Lorena J. Edwards recorded Liber 176 Official Records Page 471, Oakland. All work for two-story frame dwelling.

Owner—Lorena J. Edwards, Oakland.
Architect—A. W. Smith, 1010 Broadway, Oakland.

Contractor—Lawrence L. Lucas, 555 59th St., Oakland.
Filed July 31, '22. Dated July 31, '22.

Frame up ¼
Brown coated ¼
Completed and accepted ¼
Usual 35 days ¼
TOTAL COST, \$16,428

Bond, \$8256. Sureties, C. W. Lannon & J. E. MacCormac. Limit, Dec. 1, 1922. Forfeit, \$10. Plans and specifications filed.

DWELLING

(3255) NO. 1316 SHERMAN ST., Alameda. Two-story 7-room dwelling.

Owner—E. M. Hunter, 2203 San Jose Ave., Alameda.
Architect—None.
Contractor—E. A. Randlett, 1534 Chestnut St., Alameda. \$7000

ADDITION

(3256) NO. 1861 FERNSIDE BLVD., Alameda. Addition.

Owner—H. W. Brintall, Premises.
Architect—None.
Contractor—H. M. Blood, 659 E-12th St., Oakland. \$1689

DWELLINGS

(3257) NO. 3011-3015-3017-3021-3025 and 3027 Regent St., Berkeley. Six one-story 6-room dwellings.
Owner—R. J. Lavert, 1st National Bank Bldg., Berkeley.
Architect—None.
Day's work. \$4975 each

DWELLING

(3238) S. BROOKLYN 125 W. Athol, Oakland. One-story 6-room dwelling.

Owner—Charles Hudson, 457 Athol Ave., Oakland.
Architect—None.
Day's work. \$3500

ADDITION

(3359) 6457 BENVENUE, Oakland. Addition.

Owner—Mrs. L. G. Harrier.
Architect—None.
Contractor—H. C. Kidder, 2708 Addison St., Berkeley. \$1000

DWELLING

(3356) S. VALLE VISTA 170 E. Santa Clara, Oakland. One-story 6-room dwelling.

Owner—N. Asvich, 472 Valle Vista Ave., Oakland.
Architect—None.
Day's work. \$5000

ALTERATIONS.

(3361) 416-420 15TH ST., Oakland. Alterations.

Owner—H. C. Capwell Co., 14th Clay St., Oakland.
Architect—None.
Contractor—Wm. Knowles, Central Bank Bld., Oakland. \$16,000

DWELLINGS.

(3362) W. HARRINGTON 40 74 N. Galindo, Oakland. Two one-story 4-room dwellings.

Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None.
Contractor—W. C. Taylor, 1401 69th Ave., Oakland. \$1500 each

ALTERATIONS.

(3363) 22 MOSS AV., Oakland. Alteration to apartments.

Owner—Miss Jensen, 2418 Broadway, Oakland.
Architect—None.
Contractor—A. H. Rose, 525 17th St., Oakland. \$3000

DWELLING.

(3364) 718 SYCAMORE ST., Oakland. One-story 5-room dwelling.

Owner—J. B. Balex, 7810 Weld, Oakland.
Architect—None.
Contractor—N. Gaubert, 1940 40th Ave., Oakland. \$3000

DWELLING.

(3365) N. E. 33RD ST. 160 E. Elliott St., being lot 4, blk F, Map Bella Vista, Oakland. Eight-room dwelling.

Owner—Joseph and Annie Finkelstein, 2607 14th Ave., Oakland.
Architect—None.
Contractor—R. C. Hillen, 5364 Trask St., Oakland.

Filed Aug. 1, 1922. Dated Aug. 1, '22.
Frame up \$2000
Brown coated \$2000
Usual 35 days \$2875
TOTAL COST, \$6875

Bond, none; forfeit, none; limit, 90 days. Plans and specifications filed.

APTS. & GARAGE.

(3366) W. GROVE ST. 82 N. 28th St. N. 50 W. 100, Oakland. Two-story apartments and garages.

Owner—G. Hourcade.
Architect—J. W. Oliver, 3720 Foothill Blvd., Oakland.
Contractor—Niles W. Place, 310 Fairmount Ave., Oakland.

Filed Aug. 2, '22. Dated July 28, '22.
1st story joists up \$2166.00
Frame up \$2166.00
Brown coated \$2166.00
Completed and accepted \$2164.50
Usual 35 days \$2887.50
TOTAL COST, \$11,550

Bond, none; forfeit, \$50.00 day; limit, 90 days. Specifications and plans, none.

DWELLING.

(3367) N. RAMONA AV. 310 W. Montecello Av., Piedmont. One-story 4-room dwelling.

Owner—John and Lucy B. Petersen.
Contractor—R. C. Hillen, 5364 Trask St., Oakland.

Filed Aug. 1, 1922. Dated Aug. 1, 1922.
Frame up \$ 600
Note at 7 per cent. \$2700
TOTAL COST, \$3300

Bond, none; forfeit, none; limit, 90 days. Plans and specifications filed.

DWELLING

(3368) NO. 921 ALAMEDA, Berkeley.

Two-story 6-room dwelling.
Owner—Thomas S. Price, 1625 Tacoma Ave., Berkeley.
Architect—None.

APARTMENTS

(3369) NE BANCROFT AND ROOSEVELT, Berkeley: One-story 8-room apartments.

Owner—Adam Carr, 2300 Roosevelt St., Berkeley.
Architect—None.
Contractor—Home Constr. Co., 2121 Cedar St., Berkeley. \$5250

DWELLING

(3370) NO. 2026 DEL NORTE, Berkeley. Two-story 1-room dwelling

Owner—Brooks Parker, 1535 Beverly St., Berkeley.
Architect—None.
Day's work. \$5000

ALTERATIONS

(3371) ELLSWORTH AND RUSSELL, Berkeley. Alterations.

Owner—Board of Education.
Architect—None.
Contractor—Walter Murch, Federal Bldg., Oakland. \$1800

DWELLING

(3372) NO. 2866 MABEL ST., Berkeley.

One-story 5-room dwelling.
Owner—G. W. Owens, 1105 Santa Clara Ave., Alameda.
Architect—None.
Contractor—W. W. Owens, 1209 Francisco, Berkeley. \$2000

ADDITION

(3373) NO. 2340 PIEDMONT, Berkeley. Addition.

Owner—Acacia Fraternity.
Architect—None.
Contractor—G. S. Neibel, Premises. \$4000

DWELLING

(3374) E. ATHOL AVE 200 S McKinley, Oakland. One-story 7-room dwelling.

Owner—G. H. Rasmussen, 5764 Vicente St., Oakland.
Architect—None.
Contractor—Dexter Darling, 441 Beverly Ave., San Leandro. \$5800

REPAIRS

(3375) NO. 1440 BROADWAY, Oakland. Roof repairs.

Owner—Realty Syndicate.
Architect—None.
Contractor—Western Roofing Co., 2903 Telegraph Ave., Oakland. \$1400

DWELLING

(3376) E. DIMOND AVE 250 N. Hopkins, Oakland. One-story 5-room dwelling.

Owner—Mrs. Agnes Hufschmidt.
Architect—None.
Contractor—A. L. Ferguson, 3268 Prentiss St., Oakland. \$4000

DWELLING

(3377) NO. 328 FORTY-SIXTH, Oakland. One-story 5-room dwelling.

Owner—Jack Musso, Premises.
Architect—None.
Contractor—Martin Benson, 3735 Laguna Ave., Oakland. \$2600

APARTMENTS

(3378) S. FORTY-SECOND 160 and 210 W. Telegraph Ave., Oakland. Two two-story 16-room apartments and two garages.

Owner—John Paley.
Architect—None.
Contractor—California Builders Co., 1534 Franklin St., Okd. \$11,000 ea

DWELLINGS

(3379) W. HARRINGTON AVE 110 114, 178, 212, and 246 N. Galindo, Oakland. Five one-story 4-room dwellings.

Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None.
Contractor—Ward & White, 1016 Lyce Ave., Oakland. \$1800 each

DWELLING.
(3380) S. LOCKWOOD 120 E. 69th Ave., Oakland. One-story 5-room dwlg. Owner—Martha E. Lodge, 5494 Bond St., Oakland. Architect—None. Contractor—C. F. Lodge. \$3600

DWELLING.
(3381) N. LYON AV., 110 E. 38th Ave., Oakland. One-story 4-room dwelling. Owner—J. W. Sigwald, 3927 Agua Vista, Oakland. \$2500 Architect—None.

DWELLING.
(3382) S. MONTANA ST., 186 E. Peralta, Oakland. One-story 6-room dwelling. Owner—C. J. Rheberg, 2837 Montana St., Oakland. \$3200 Architect—None.

DWELLING.
(3383) W. MONTGOMERY 150 N. John, Oakland. One and one-half story 6-room dwelling. Owner—C. P. McCoy, 4314 View St., Oakland. Architect—None. Contractor—McCoy & Pach, 4314 View St., Oakland. \$4000

DWELLING.
(3384) W. 9TH AV. 40 N. A ST., Oakland. One-story 5-room dwelling. Owner—W. J. Oliveira, 9214 E. St., Oakland. Architect—None. Contractor—H. H. Bergier, 150 Toler Av., San Leandro. \$3200

DWELLING.
(3385) NW. COR PARK BLVD and Emerson, Oakland. One-story 5-room dwelling. Owner—C. F. Tomlinson, 733 Haight Ave., Alameda. Architect—None. Contractor—J. Floyd Perry, 733 Haight Ave., Alameda. \$4000

APTS. & 2 GARAGES.
(3386) N. 33D ST., 110 and 160 W. Telegraph, Oakland. Two 2-story 12-room apartment bldgs. and 2 garages. Owner—J. Norris, 423 Hill Lane, Oakland. Architect—None. Contractor—Calif. Builders' Co., 1534 Franklin, Oakland. \$10,000 each

FLATS.
(3387) NW. COR. WESLEY and Lake Park, Oakland. Two-story 15-room flats. Owner—Herman R. Hewelke, 1626 Chestnut St., Oakland. \$15,000 Architect—None.

DWELLING.
(3388) W. WOODBINE COURT off Fruitvale, Oakland. One-story 5-room dwelling. Owner—C. J. White, 2124 Woodbine, Oakland. Architect—None. Contractor—W. F. Lloyd, 2239 Santa Rita, Oakland. \$3000

DWELLING.
(3389) S. FOOTHILL BLVD. 150 E. 41st Av., Oakland. One-story dwelling. Owner—Peter Candioti, Oakland. Architect—None. Contractor—H. J. Burnas, 2971 Elmwood Ave., Oakland. Filed Aug. 3, 1922. Dated Aug. 1, 1922. Frame up 1/4 Brown coated 1/4 Painted 1/4 Usual 35 days. TOTAL COST, \$3880 Bond, none; forfeit, none; limit, 70 days. Plans and specifications filed

DWELLING.
(3390) 10TH LOTS 5 and 6, block 17 Lakeshore Highlands, Oakland. Two-story frame dwelling. Owner—Doris Markovits, Oakland. Architect—Wm. A. Newman, Oakland. Contractor—Harry Schwalm 1525 Chestnut St., Oakland. Filed Aug. 3, 1922. Dated Aug. 1, 1922. Roof sheathed 1/4 Brown coated 1/4 Completed and accepted 1/4 Usual 35 days. TOTAL COST, \$10,191.88 Bond, \$5100; surplus, Glens Indemnity Co.; forfeit, 4 days; limit, 94 days. Plans and specifications filed.

DWELLING.
(3391) SW. TOLTER ST. and SE. Redwood Av. SW. 36-93 SE. 125, Oakland. One-story 5-room dwelling. Owner—Arento Travaglini, 1528 35th Ave., Oakland. Architect—None. Contractor—Jos. Flittner, 1700 35th Ave., Oakland. Filed Aug. 3, 1922. Dated Aug. 2, 1922. Frame up 1/4 Brown coated 1/4 Completed and accepted 1/4 Usual 35 days. TOTAL COST, \$3100 Bond, none; limit, 90 days from Aug. 4; forfeit, \$1 day. Plans and specifications filed

COMPLETION NOTICES

RECORDED ALAMEDA COUNTY ACCEPTED
Aug. 3, 1922—W. WALSWORTH AVE \$2.19 S Fairmount Ave S 10.33 W 104.72 N 40 E 105.33, Oakland Gertrude and Laura Kindle to A P Anderson. Aug. 1, 1922
Aug. 3, 1922—LOT 6 BLK 1, Map Mathews Tract, Berkeley. Hoeders Inc to John P. Brennan. July 19, 1922
Aug. 1, 1922—SE ESTRELLA AVE 283.55 E Ripona Ave 45x166.7, Piedmont. R. M. Myers to whom it may concern. July 29, 1922
Aug. 1, 1922—SW PLEASANT VALLEY Ave No. 1789, Oakland. R. M. Myers to whom it may concern. Aug. 1, 1922
Aug. 1, 1922—LOT 1 BLK 20, Map Melrose Heights, Oakland. Dr. D. A. Marsan to John Allquist. July 29, 1922
Aug. 3, 1922—LOT 28 BLK 19, Map Berkeley Heights, Berkeley. H. D. Dewell to Berkeley Elec. Co. Aug. 1, 1922
Aug. 2, 1922—E BAY 200 N San Antonio Ave E 150xN 50, Alameda. Henry C Hacke to Clarke & Allan. July 27, 1922
Aug. 2, 1922—W LAGUNA AVE 37 S Scenic Ave W 95xSW 39, Oakland. W. H. Matteson to whom it may concern. Aug. 2, 1922
July 31, 1922—PTN PLOT F, Undivided Mountain or Hill Land V & D Peralta, Oakland. Pacific Gas & Electric Co to C E Darling. July 24, 1922
July 31, 1922—N LAKE 140 E Jackson E 60, Oakland. Ed C and Hattie E Alrich Jr to M F Sommarstrom. July 29, 1922
July 31, 1922—\$704, \$708, \$70C, \$70D Fifty-fifth St., Oakland. Grace E Hemmings to whom it may concern. July 29, 1922
July 31, 1922—LOT 29 BLK M Map Fourth Ave. Terrace, Oakland. Katharine L Lemmon to whom it may concern. July 29, 1922
July 31, 1922—LOT 30 BLK M, Fourth Ave Terrace, Oakland. Katharine L Lemmon to whom it may concern. July 29, 1922
July 31, 1922—LOT 39 and SW 1/4 Lot 38 Blk 1 Map Solano Ave. Terrace, Berkeley. Douglas Campbell to whom it may concern. July 29, 1922

Aug. 1, 1922—LOT 17 BLK J Map Northbrae, Berkeley. Hans A. Hansson to whom it may concern. July 27, 1922
Aug. 1, 1922—LOT 28 BLK 10 Map Berkeley Heights, Bkly. H. D. Dewell to Thos R Catten. Aug. 1, 1922
Aug. 1, 1922—LOT 18 BLK 27, Amended Map Fairmount Park, Albany. Mary E Rowlands to A. T. Hendricks. July 25, 1922
July 31, 1922—W BRIDGE MOOR BLK 56 S Warwick Ave. San Leandro. W P and Carolina S Dooley to A. Frederick Anderson. July 31, 1922
July 31, 1922—SW COUNTY ROAD No. 625 about 145 SE Hampton Rd. Oakland. B T & Maude E Mohney to M A Rose. July 31, 1922
July 28, 1922—NE 16 1/2 LOT 5 & SW 16 1/2 Lot 1 BLK "A" Sanford Tract, Oakland. Beverly B Hook to H C Tollefsen. July 25, 1922
July 29, 1922—LOT 1 BLK 2256 Valdez Tract, Oakland. Mary E Chestnut to W C Marshall. July 24, 1922
July 29, 1922—LOT 52, Nova Piedmont, Piedmont. William J Baker to whom it may concern. July 29, 1922
July 29, 1922—E CASTRO 92 S 16th S 115-5x12 17-6, Oakland. Herbert B and Louise Kellogg Fanny K Howard, Anita K Patterson and Abba K Proctor to Lawton & Vezev. July 27, 1922
July 29, 1922—PTN LOTS 37 AND 38 Blk 1, Lakeshore Highlands, Ogd. Mary G Patterson to C H Warren. July 29, 1922
July 29, 1922—SE SIXTY-EIGHTH Ave 30 SW Arthur, Oakland. Helen Sandstone to Arthur H Peterson. July 29, 1922
July 29, 1922—SE SIXTY-EIGHTH Ave and Arthur, Oakland. Helen Sandstone to Arthur H Peterson. July 29, 1922
July 29, 1922—LOT 27 BLK "II" Map Foothill Park, Oakland. J. Moyle to whom it may concern. July 11, 1922
July 29, 1922—LOT 228 BLK 536 Map Fourth Ave Terrace Extension, Oakland. Walter L Gallagher to J P Silva. July 27, 1922
July 29, 1922—S HAIGHT AVE 140 E Fourth, Alameda. L A Wilber to Oakland Home Builders, Inc. July 26, 1922
July 28, 1922—5TH AND CYPRESS Sts., Oakland. S. P. Co. to Hutchinson Co. July 27, 1922
July 28, 1922—5TH AND CYPRESS Sts., Oakland. S. P. Co. to Hutchinson Co. July 27, 1922
July 28, 1922—668 CALMAR AV., Oakland. Angela W. Roth to J. J. Fowler. July 17, 1922
July 28, 1922—S. ALCATRAZ AVE 35 E. School E. 35 S. 103.91, Oakland Township. A. Preston to Edwin Preston. July 1, 1922
July 28, 1922—LOT 13 Hill Park, Oakland. Wm S. Kenple to whom it may concern. July 27, 1922

LIENS FILED

ALAMEDA COUNTY
Recorded Amount.
July 28, 1922—NW SEVENTH and Campbell N 104xW 57.8, Oakland. G H Fraser and Thelma L Fraser (as Corbett & Fayliss) vs Vincent H Westdorf \$538.01
July 28, 1922—N MATTON ROAD 4437 NE Strobbridge Ave NE 167.9 SE 518.8, Eden Twp. Joseph Huber vs H and Alma Desmond. \$156.71

RELEASE OF LIENS

ALAMEDA COUNTY
Recorded Amount
Aug. 2, 1922—BOUNDED ON N. ARMSTRONG ST. E. by Strab et al., S. by East St., W. by 1st St., Hayward Nils Quist to Frank Caten and Frank Vargas. \$38.37

Aug. 2, 1922—SW. COR. SANTA Clara Av. and Park Av. S. 166-76. W. 118, N. 45, W. 110, N. 120-19, E. 175-6, S. 130, E. 55, N. 130, thence 27-5 to pt. beginning, Alameda. Spott Elec. Co. to Zucker Investment Co. \$375.00

ARCHITECT'S CERTIFICATE

ALAMEDA COUNTY

July 31, 1922—Charles H. Barrett has filed his Certificate of Architecture for Alameda County.

OAKLAND BUILDING TOTALS FOR JULY, 1922

Classification of Buildings.	No. of Permits.	Cost.
1-st. dwellings.....	197	\$546,825
1-st. 2-family dwelling	4	22,000
1½-st. dwellings.....	6	26,700
2-st. dwellings.....	19	138,378
2-st. dwelling and store	1	8,000
2-st. flats.....	8	90,160
2-st. apartments.....	4	75,360
2-st. aparts. & stores..	3	70,000
2-st. stores.....	6	28,350
1-st. offices.....	4	1,450
1-st. greenhouse.....	1	800
1-st. factory.....	1	1,000
1-st. warehouse.....	1	1,000
1-st. shop.....	1	2,500
2-st. class room.....	1	8,000
1-st. bank building.....	1	20,000
2-st. church.....	1	23,500
1-st. tile dwelling.....	1	3,000
1-st. tile office.....	1	435
1-st. tile garage.....	6	2,850
1-st. brick dwelling.....	1	8,000
3-story brick aparts.....	1	48,000
4-st. brick aparts.....	1	88,000
1-story brick garage..	2	24,500
1-st. brick store.....	1	7,000
1-st. brick & tile garage	1	15,000
2-st. brick & tile factory	1	90,000
Brick addition.....	2	12,000
1-st. concrete garage..	6	15,000
1-st. concrete store....	1	7,000
1-st. concrete shed.....	1	500
1-st. steel service sta..	3	8,750
26-st. frame office bldg.	1	250,000
Steel tower.....	1	6,300
1-st. garages and sheds.	193	35,734
2-st. garage & storeroom	1	150
Electric signs.....	11	4,100
Additions.....	112	47,915
Alterations and repairs.	113	154,180
Total.....	721	\$1,900,712
Summary		
New construction.....	608	\$1,746,532
Alterations and repairs.	113	154,180
Total.....	721	\$1,900,712

BUILDING CONTRACTS

SANTA CLARA COUNTY

\$1,000 and Over Reported

APARTMENTS

PALO ALTO. All work for two-story frame and stucco apartments. Owner—Rose M. and Lily B. Carter, 619 Bryant St., Palo Alto.

Architect—None.
Contractor—H. A. Spreen, 407 Mathilda Ave., Sunnyside.

Filed July 27, '22. Dated July 26, '22.
Frame up.....\$3987.50
1st coat plaster and roof on.....3987.50
Building completed.....3987.50
Usual 35 days.....3987.50
TOTAL COST, \$15,950.00

Bond, \$8000. Surety, American Surety Co. of New York. Limit, 90 working days from July 19, 1922. Forfeit, none. Plans and specifications filed.

HEATING EQUIPMENT

SAN JOSE. Heating equipment for one-story building.

Owner—Mutual Building & Loan Association of San Jose and College Park, San Jose.

Architect—Binder & Curtis, 255½ N. First St., San Jose.
Contractor—Scott & Co., 243 Minna St., San Francisco.

Filed July 25, '22. Dated May 18, '22.
As work progresses.....750
Usual 25 days.....250

TOTAL COST, \$1450

Bond, \$725. Sureties, H. M. Van Pelt and W. O. Muther. Limit, when building is completed. Forfeit, none. Plans and specifications filed.

COTTAGE

SAN JOSE. All work for one-story frame cottage and garage.

Owner—S. Gertrude Curtis, San Jose.
Architect—Charles S. McKenzie, Bank of San Jose Bldg., San Jose.

Contractor—Hastings Bros. (Co-partners), 204 Bank of San Jose Bldg., San Jose.

Filed July 22, '22. Dated July 20, '22.
Frame erected.....\$359

1st coat plaster on.....950
Upon completion.....950

Usual 35 days.....950

TOTAL COST, \$3876

Bond, \$2000. Sureties, E. W. Schnabel and Anna L. Schnabel. Limit, 70 working days from commencement. Forfeit, none. Plans and specifications filed.

DWELLING

SAN JOSE. All work for one-story frame dwelling.

Owner—E. R. and Lillian D. Brent, 103 S-21st St., San Jose.

Architect—None.
Contractor—A. J. Nielsen, 156 S-20th St., San Jose.

Filed July 22, 1922. Dated, — —

Building enclosed.....\$520

Plaster on.....520

Notice of completion filed.....520

Usual 35 days.....520

TOTAL COST, \$2160

Bond, none. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

RESIDENCE

COIL, PROSPECT & THE SARATOGA

Roads. All work for two-story frame residence.

Owner—W. L. Conover, 559 S-10th St., San Jose.

Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

Contractor—T. W. Freely.

Filed Aug. 1, '22. Dated July 21, '22.

Frame erected.....\$1955

1st coat plaster on.....1955

Upon completion.....1955

Usual 35 days.....1959

TOTAL COST, \$7835

Bond, \$4000. Sureties, S. H. Chase and A. L. Hansen. Limit, 90 working days from date of commencement. Forfeit, none. Plans and specifications filed.

RESIDENCE

PALO ALTO. All work for one-story

frame and plaster residence.

Owner—Paula Lattimore.

Architect—John J. Foley, 770 5th Ave., San Francisco.

Contractor—Chas. E. Morris.

Filed July 31, '22. Dated June 26, '22.

Graded and fndtn. completed.....\$1090

Frame completed.....1000

Chimney, roofing and plastering completed.....2600

Inside trimming, mills work, etc. done.....2400

Usual 25 days.....3800

TOTAL COST, \$8000

Bond, \$2000. Sureties, Henry Passow and Thomas Allen. Limit, 135 working days from July 1, 1922. Forfeit, \$20. Plans and specifications filed.

BUNGALOW

SAN JOSE. All work for one-story

plaster bungalow.

Owner—Joseph Francis, — Race St., San Jose.

Architect—None.

Contractor—Hastings Bros., Bank of San Jose Bldg., San Jose.

Filed July 28, '22. Dated July 27, '22.

Frame up.....\$ 900

Brown mortar on.....900

Completed and accepted.....900

Usual 35 days.....1600

TOTAL COST, \$4300

Bond, none. Limit, 90 working days

from July 28, 1922. Forfeit, \$1 a day.

Plans and specifications filed.

RESIDENCE

PALO ALTO. All work for one-story residence.

Owner—Mrs. Francis E. Hambleton, Palo Alto.

Architect—B. M. Clark, Stanford University.

Contractor—George Bertische, 222 Kipling St., Palo Alto.

Filed July 27, '22. Dated July 19, '22.

Frame completed, roof sheathed

and brick chimney in.....\$1206.75

Plumbing electrical and mill

work finished.....1206.75

Completed and accepted.....1206.75

Usual 35 days.....1206.75

TOTAL COST, \$4827.00

Bond, \$2413.50. Sureties, S. Pedgrift & C. H. Christensen. Limit, 100 working

days from July 19, 1922. Forfeit, none.

Plans and specifications filed.

RESIDENCE

HEADING ST., San Jose. All work for

two-story frame residence.

Owner—Chas. F. and Retta J. Wright, 320 S-13th St., San Jose.

Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

Contractor—J. E. Perkins, 1652 E. Santa Clara St., San Jose.

Filed July 26, '22. Dated July 24, '22.

Frame erected.....\$2220

1st coat plaster on.....2220

Upon completion.....2220

Usual 35 days.....2220

TOTAL COST, \$8880

Bond, \$4500. Sureties, E. W. and Anna L. Schnabel. Limit, 90 working days

from date of commencement. Forfeit,

none. Plans and specifications filed.

BUNGALOW

NEAR LOS GATOS. All work for

bungalow.

Owner—L. C. De Bussy, Los Gatos.

Architect—Wyckoff & White, Growers' Bank Bldg., San Jose.

Contractor—C. E. Bacon, Los Gatos.

Filed July 24, '22. Dated July 13, '22.

Roof rafters installed.....\$725

Plastering completed.....725

Building completed.....725

Usual 35 days.....725

TOTAL COST, \$2900

Bond, \$1500. Sureties, United States Fidelity & Guaranty Co. Limit, 75 work-

ing days from July 13, 1922. Forfeit,

\$5. Plans and specifications filed.

COTTAGE

NEAR LOS GATOS. All work for

one-story frame cottage.

Owner—Henrietta Blanchard, 66 Polhemus St., San Jose.

Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

Contractor—W. C. Constable.

Filed July 24, '22. Dated July 23, '22.

Completion of frame work.....\$1142.50

Completion of 1st coat plaster.....1142.50

Completion of building.....1142.50

Usual 35 days.....1142.50

TOTAL COST, \$4570.00

Bond, none. Limit, 90 days. Forfeit,

none. Plans and specifications filed.

SMALL STORE; \$1800; 17th and Em-

pire Sts., San Jose; owner, Arthur

Stenoso, 500 N. 17th St., San Jose

day's work.

COTTAGE, 6 rooms; \$3965; 31 N. 17th

St., owner, Jos. Foster, 361 N. 17th

St., San Jose; contractor, Cai

Maurer, 241 Locust St., San Jose.

COTTAGE, 5 rooms; \$1400; 524 Locust St., San Jose; owner, Chas. Baumer, San Jose; day's work.

COTTAGE, 5 rooms; \$2200; 14th and Empire Sts., San Jose; owner, A. G. Maloza, San Jose; architect, Pac. Ready Cut Homes, Inc.; day's work.

RESIDENCE, two-story; \$7250; Clayton near First; owner, Jos. Russo, 624 N 4th St., San Jose; architect, Herman Kraushe, Bank of San Jose Bldg., San Jose; contractor, G. M. Latta, 26 Rhodes Court, San Jose.

COTTAGE, five-room; \$1850; 6th and Keyes, San Jose; owner, Jos. Sanfillipo, Infirmary Rd., San Jose; architect, owner; day's work.

COTTAGE, four-room; \$2100; 21st near San Fernando; owner, E. R. Drent, 103 S. 21st St., San Jose; architect, A. J. Nielson, 156 S. 20th St., San Jose; contractor, A. J. Nielson, 156 S. 20th St., San Jose.

ALTERATIONS, \$4000; 34 W. Santa Clara, San Jose; owner, Jas. A. Clayton & Co., premises; architect, C. S. McKenzie, Bank of Italy Bldg., San Jose; contractor, Geo. Lindbloom, 471 W. San Carlos, San Jose.

COTTAGE, 5-room; \$2250; Atanta near Delmas, San Jose; owner, L. C. Rossi, San Jose; architect; L. C. Rossi, San Jose; day's work.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Accepted
July 26, 1922—SAN JOSE.	Victor Ekstrom to whom it may concern
.....	July 17, 1922
July 25, 1922—SAN JOSE.	J. W. Green to whom it may concern
July 25, 1922—SAN JOSE.	Angelo & Maria Turina to Geo. W. Humphrey
.....	July 25, 1922
July 27, 1922—SAN JOSE.	Adaline Wilcox to Benj. A. Quimet
July 27, 1922—STANFORD CAMPUS,	Stanford University, Palo Alto.
.....	Herry W. Stuart to The Minton Co.
.....	July 27, 1922
July 28, 1922—SAN JOSE.	L. Williams to C. C. Lewis and H. M. Nelson
.....	July 28, 1922
July 29, 1922—SAN JOSE.	F. Harold Vining to whom it may concern
.....	July 27, 1922
July 22, 1922—PALO ALTO.	Mrs. A. L. Byxbee and Mrs. L. S. Jackson to Phillip Darr
.....	July 17, 1922
July 24, 1922—RACE AND SAN	Carlos Sts., San Jose.
.....	Wm. H. Norman to whom it may concern
.....	July 24, 1922
July 24, 1922—RACE & SAN CARLOS	Sts., San Jose.
.....	Wm. H. Norman to whom it may concern
.....	July 24, 1922
July 24, 1922—HANCHETT RESI-	dence Park, San Jose.
.....	J. A. Wagner to whom it may concern
.....	July 14, 1922
July 24, 1922—SARATOGA.	Susan H. Chamberlain to whom it may concern
.....	July 21, 1922

LIENS FILED

SANTA CLARA COUNTY

Recorded	Amount
July 26, 1922—ORCHARD PARK,	San Jose. Campbell Lumber Co. (W. T. Morton) vs Fred Hiatt
.....	\$555.42
Aug. 1, 1922—LOS ALTOS SCHOOL	Dist. Santa Clara Co. Sterling Lumber Co. vs M. M. Maderos and August Pachetti
.....	\$269.02

BUILDING CONTRACTS

FRESNO COUNTY

\$2500 and Over Reported

DWELLING, \$2500; 2618 Illinois St., Fresno; owner, Ida E. Westrup; day's work.

DWELLING, \$1500; 3104 Kerechhoff St., GARAGE, \$25,000; 818-34 L St., Fresno; owner, E. V. Foley, 944 T St., Fresno; contractor, R. F. Feichlin, L. & Kern Sts., Fresno.

DWELLING, \$2500; 640 Farris St., Fresno; owner, R. C. Kennedy, Mason Bldg., Fresno.

DWELLING, \$1250; 1517 Lucerne Lane, Fresno; owner, I. C. Ellis, 110 College Ave., Fresno; contractor, Yarnell & Garges, 1014 S. 4th St., Fresno.

DWELLING, \$5000; 720 Yale Ave., Fresno; owner, Berton & Wolff, Bank of Italy Bldg., Fresno.

DWELLING, \$2500; 544 Oleander St., Fresno; owner, Thos. Constantino, Fresno; contractor, Berton & Wolff, Bank of Italy Bldg., Fresno.

DWELLING, \$2000; 2634 Madison Ave., Fresno; owner, J. B. Colby, Fresno.

DWELLING, \$3000; 1448 White Ave., Fresno; owner, M. D. Bishop, Fresno; contractor, E. E. Spencer, 625 Harvard St., Fresno.

STORE, \$15,000; No. 1502 N St., Fresno; owner, Everts & Ryan; contractor, E. Higgins, 1525 O St., Fresno.

DWELLING, \$2000; No. 1129 A St., Fresno; owner, Michael Bruce; day's work.

COMPLETION NOTICES

FRESNO COUNTY.

Recorded	Accepted
Aug. 1, 1922—COR. LINCOLN AND	Elm Aves. Fresno. Washington Col. School District to whom it may concern
.....	July 29, 1922
Aug. 1, 1922—W. 1/2 LOT 18, Normal	Acres, Fresno. A. G. P. Stotom to whom it may concern
.....	July 31, 1922
July 1, 1922—LOTS 7 AND 8 BLK 1.	Budley Park, Fresno. A. S. Kellogg to whom it may concern
.....	July 31, 1922
Aug. 1, 1922—LOT 28 W. 10 ft. Lot 27.	E. 7 1/2 ft. Lot 29 Blk 39. Arlington Heights Tract, Fresno. L. J. Hoffe to whom it may concern
.....	July 31, 1922
July 29, 1922—LOTS 17, 18, 19, BLK.	49, Fresno. E. A. Walrond to whom it may concern
.....	July 28, 1922
July 29, 1922—LOTS 66 AND 67, Earl-	hurst, John M. Miller to whom it may concern
.....	July 29, 1922
July 29, 1922—LOT 31, BULLARD N.	F. Addition, Fresno. A. P. Oldham to whom it may concern
.....	July 29, 1922
July 29, 1922—LOTS 14, 15, 16, BLK.	112, Fresno. D. W. Cullen to whom it may concern
.....	July 28, 1922
July 26, 1922—W. 46 FT. OF E. 74	ft. of lot 14 blk. 2, Meadow Brook Tract, Fresno. James Talbott to whom it may concern
.....	July 23, 1922
July 26, 1922—E. 45.18 FT. OF W.	135.13 ft. of N. 70 ft. of lot 15, Fresno Heights Homestead Tract, Fresno. Bert Garwood to whom it may concern
.....	July 25, 1922
July 26, 1922—LOTS 27 AND 28, Mc-	Kinley Heights, Fresno. John E. Cooksey to whom it may concern
.....	July 25, 1922

July 27, 1922—LOT 57, BULLARD North Fresno Addition, Fresno. Roy C. Smith to whom it may concern

..... July 26, 1922

July 27, 1922—LOT 19, J. C. Forkner, F. G. Sub. No. 1, Fresno. Shorh & Neads to whom it may concern

..... July 26, 1922

July 25, 1922—LOTS 3 AND 4 BLK 2, Calwa Townsite. F. T. Stoddard to whom it may concern

..... July 24, 1922

July 25, 1922—LOTS 8, 9 AND 10 BLK 4, Fresno Home Addition, Fresno. J. Ioenigmann to whom it may concern

..... July 17, 1922

July 25, 1922—LOTS 43, 47 AND 48 Blk 1, Hills Addition, Fresno. Sarkis J. Mayramjian to whom it may concern

..... July 22, 1922

July 25, 1922—LOTS 27 AND 28 BLK 4, F. H. E. Palm Villa Tet, Fresno. Esther Nelson to whom it may concern

..... July 24, 1922

July 25, 1922—50x132.34 FT. in Lot 1, Rooding Villa Col., Fresno. L. R. Sheets to whom it may concern

..... July 24, 1922

LIENS FILED

FRESNO COUNTY

Recorded	Amount
July 29, 1922—LOT 1, Pearl Heights,	Fresno. J. C. Clark vs. W. N. Howard
.....	\$360
July 28, 1922—LOTS 23 AND 24 BLK	18 Grand Ave Park, Fresno. H. W. Ostorn vs Sarkis M. Albarian
.....	\$112
July 27, 1922—LOT 46 BLK 2, Don-	ahoe Addition, Fresno. H. Scott and J. A. Craig vs. Emma Frost and W. P. Outhrie
.....	\$23
July 27, 1922—LOTS 1 TO 7, ptn. of	lots 8, 9 and 10 blk. 189, Fresno. B. L. Zumbeller v. M. C. Vaughn et al.
.....	\$75

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2,500 and Over Reported

DWELLING AND GARAGE, 1-story 5- room, \$2500; 2146 Perkins Way, Sacramento; owner, O. Steinbrenner, 2140 Perkins Way, Sacramento; day's work.

DWELLING, one-story 5-room; \$2750; owner, Manuel C. Vaime, 1819 X St., Sacramento; day's work.

DWELLING AND GARAGE, 1-story, 5- rooms, \$4100; 932 41st St., Sacramen- to; owner, H. W. Pointer, Louise Apts., Sacramento; contractor, W. J. Harlow, 5423 J St., Sacramento.

DWELLING, one-story 5-room; \$3550; No. 325 Santa Ynez St., Sacramento owner, Ralph Payne, 1009 T St., Sacramento; contractor, E. E. Sydenstricker, 1010 27th St., Sacramento.

DWELLING & GARAGE, one and one- half-story 6-room dwelling and garage, \$6500; 1017 43rd St., Sacra- mento; owner, F. H. Betz, 2225 E St., Sacramento; contractor, F. H. Betz, 2225 E St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded	Accepted
Aug. 1, 1922—W. SIDE FRONT ST.	near T. 55x89. Pacific Gas & Elec. Co. to Steel Tank & Pipe Co.
.....	July 28, 1922
Aug. 1, 1922—3224 D ST. LOT 150,	Casa Loma Terrace. J. R. Bell to whom it may concern
.....	July 24, 1922
Aug. 1, 1922—417 THIRTY-SECOND	St., lot 147, Casa Loma Terrace. J. R. Bell to whom it may concern
.....	July 24, 1922
Aug. 1, 1922—3208 D ST. LOT 146,	Casa Loma Terrace. J. R. Bell to whom it may concern
.....	July 24, 1922

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

July 23, 1922—LOT 111, Boulevard Park, Sacramento. W. J. Moiley to Warren & Beebe. July 24, 1922
 July 23, 1922—ICING PLASTERING nr Western Pacific R R Company's Jeffrey Shops, Sacramento. Pacific Fruit Express Co (W C Phillips Co) to Daniel R. Wagner. July 22, '22

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

\$2500 and Over Reported

RESIDENCE.

LOT 21 and W. 1/2 LOT 20, BLK 4, Northeast Add., Stockton. Residence.

Owner—C. G. Brunsky, 720 N. Yosemite St., Stockton.

Contractor—L. E. Hertzog and F. A. Oreutt, 345 N. California St. Payments not given.

Filed July 25, 1922. Dated July 22, '22. TOTAL, \$8204

Limit 106 working days.
 Bond, forfeit, plans and specifications, none.

THEATRE.

LOTS 6, 7, 8, 9, 10 and 11, block 13, Tracy. Plumbing, piping and sewer work for theater.

Owner—John C. Droge, Tracy.

Architect—A. W. Cornelius, Merchants' National Bank Bldg., San Francisco.

Contractor—G. E. Saxton, Tracy.

Limit, 60 days. \$1416.75

ELECTRICAL WORK ON ABOVE.

Contractor—E. S. Abbott. \$3578

Limit 60 days

RESIDENCE, \$4000; N. Sierra Nevada St., Stockton; owner, Albert and August Nelson, 321 E. 5th St., Stockton; day's work.

RESIDENCE AND GARAGE, \$4250; N. Central St., Stockton; owner, Frank P. Guyon, 1211 E. Main St., Stockton.

RESIDENCE, \$3200; Monterey St., Stockton; owner, Miss Audrey Salbach, 26 S. Hunter St., Stockton; day's work.

RESIDENCE, \$2500; N. Locust St., Stockton; owner, Fred Warden, Stockton; day's work.

FLATS, \$7000; W. Market St., Stockton; owner, Frank Rossi, 234 W. Market St., Stockton.

STORE-ROOM, \$18,000; W. Main St., Stockton; owner, G. G. Gall, 15 N. Center St., Stockton.

RESIDENCE, \$1000; Willow St., Stockton; owner, E. E. Jenkins, Stockton.

HOME, Economic building, \$14,852; Manteca, San Joaquin Co.; owner, Manteca Union High School Dist of San Joaquin Co.; architect Davis-Heller-Pearce Co., Delta Bldg., Stockton; contractor, Brown & Stafford, Madera; dated July 29, 1922; filed Aug. 1, 1922; limit, 60 working days.

BARN, \$34,300; East South St., Stockton; owner, County of San Joaquin, Court House, Stockton.

RESIDENCE, \$9000; North Edison St., Stockton; owner, F. P. Dobson, 1615 Central Way, Stockton.

HOTEL, \$26,967; West Main St., Stockton; owner, Luchetti & Delucchi, Cherokee Lane, Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted

Aug. 1, 1922—N. E. 1/4 OF SEC. 22, County of San Joaquin. J. Edgar Lynch to T. E. Williamson.

July 29, 1922—E. 33.33 FT. OF LOT 7, Blk 38, E. of Center St., Stockton.

Jos. Murciano, Fred Solari and John Solari to Shepherd & Riley.

July 24, 1922

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount

Aug. 1, 1922—LOT 14 BLK 73, South of Mormon Channel, Stockton. E. Goldsworthy and C. H. McClure vs. George. \$212.41

July 30, 1922—S. 11 1/2 FT. OF LOT 15, all of lot 16 in block 48, East of Center St., Stockton. John D. Bryant, \$417.35; M. F. Kasprovitz, \$750, vs. Mrs. B. Honit and Davis Hoult.

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW

LOT 16 BLK 126 1/2, South San Francisco. All work for one-story bungalow.

Owner—Marianne G. Martin and Wm. J. Martin, 801 Grand St., South San Francisco.

Architect—None.

Contractor—Geo. Wagner, 251 Kearny St., San Francisco.

Filed July 21, '22. Dated May 23, '22.

Rafters up. \$723

Plastered. 723

Completed. 723

Usual 35 days. 723

TOTAL COST, \$2897

Bond, \$1446. Surtitles, J. D. McGivrey and J. H. Pinkerton. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW

PTN LOT 3 BLK 34, South San Francisco. All work for one-story bungalow.

Owner—Peter Palo, 424 San Brune Ave., South San Francisco.

Architect—None.

Contractor—Geo. Wagner, 251 Kearny St., San Francisco.

Filed July 21, '22. Dated June 15, '22.

Rafters up. \$719.50

Plastered. 719.50

Completed. 719.50

Usual 35 days. 719.50

TOTAL COST, \$2875.00

Bond, \$— Surtitles, J. D. McGivrey and J. H. Pinkerton. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

RESERVOIR.

SOUTH SAN FRANCISCO, San Mateo county, Cal. Erection of a two-compartment reinforced concrete reservoir.

Owner—South San Francisco Water Company, South San Francisco, San Mateo Co., Cal.

Architect—South San Francisco Water Company, South San Francisco, San Mateo Co., Cal.

Contractor—MacDonald & Kahn, 130 Montgomery St., San Francisco.

Filed July 25, '22. Dated July 24, '22.

Due on completion of contract. 75%

35 days after completion. 25%

TOTAL COST, \$27,500

Bond, \$13,750, personal; limit, 50 days; forfeit, \$25 per day. Plans and specifications filed.

COTTAGE

S. 1/2 LOT 6 BLK 34, Oak Knoll Manor. Four-room cottage.

Owner—Mrs. C. S. Payne, Oak Knoll Manor, Redwood City, Cal.

Architect—Not given.

Contractor—Arthur Payne, Oak Knoll Manor, Redwood City, Cal.

Filed July 25, '22. Dated July 25, '22.

Completion of contract. \$1883

TOTAL COST, \$1883

Bond, none; limit, 30 days after Aug. 1, 1922; forfeit, none; specifications and plans, none.

RESIDENCE.

LOT 18 BLK. 6, Easton Addition, Burlingame, Cal. One-story frame residence.

Owner—Lily Trafton Ritchie, Burlingame, Cal.

Architect—James M. Mitchell, 816 Fairfield road, Burlingame, Cal.

Contractor—H. H. Putnam, Burlingame, Cal.

Filed July 26, 1922. Dated July 20, '22.

When frame is erected. \$1265.50

When plastering completed. \$1265.50

Completed and accepted. \$1265.50

35 days thereafter. \$1265.50

TOTAL COST, \$5062.00

Bond, \$2331; sureties, Royal Indemnity Company of New York; limit, 45 days; forfeit, \$5 per day; specifications and plans filed.

RESIDENCE & GARAGE.

NORTHERLY 81 FT. OF LOT 155, SAN Mateo Park, Subdivision 2. One-story frame residence with garage.

Owner—G. S. and Frances B. Perham, Severn Lodge Dairy, San Mateo.

Architect—Ernest L. Norberg, Halboa Bldg., San Francisco, and Burlingame.

Contractor—C. H. Bessett Bldg. Co., 660 Market St., San Francisco, and Burlingame.

Filed July 31, '22. Dated July 29, '22.

When complete frame is up. \$2105.50

When all rough plaster and roof is on. \$2105.50

When completed and accepted. \$2105.50

Usual 35 days. \$2105.50

TOTAL COST, \$8422.00

Provided no payments be made without architect's certificate.

Bond, \$4211; sureties, Stanley, Kelly and H. E. Besset; forfeit, \$3 per day; 90 limit. Plans and specifications filed.

BUNGALOW.

LOT 21 AND THE ADJOINING 1/4 OF lot 22, blk 27, of resubdiv. of lots 1, 2, 3 and 4, blk 27, Oak Knoll Manor. Four-room bungalow.

Owner—Emma H. Parsons, 573 Duboce Ave., San Francisco.

Architect—None.

Contractor—Arthur Payne, Oak Knoll.

Filed July 31, '22. Dated July 28, '22.

When roof is framed. 25%

When ready for plaster (finish coat). 25%

When completion notice is filed. 30%

30 days after completion. 20%

TOTAL COST, \$3139

Bond, none; sureties, none; forfeit, none; limit 60 working days. Plans and specifications, none.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted

July 27, 1922—LOT 17 BLK 18, Easton Addition No. 2, Burlingame.

H. J. Hughes to whom it may concern. July 25, 1922

July 31, 1922—LOT 15, CITY OF Burlingame. Leslie De Bonnet to C. H. Bessett Bldg. Co.

July 15, 1922

July 27, 1922—LOT 28 BLK 41, Eastern Add. No. 3 to Burlingame. W. F. Gildert, 880 Mission St., San Francisco, to whom it may concern.

July 22, 1922

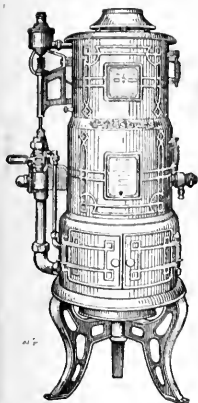
July 26, 1922—PORTION OF LOT 227 of Sub. No. 3, San Mateo Park. Jacob H. Hahn and Ella R. Hahn to William Watson and James Watson.

July 23, 1922

July 26, 1922—LOT 33 BLK 24, Burlingame Terrace, Burlingame. D. Houle to whom it may concern.

July 24, 1922

July 26, 1922—LOT 9 BLK 6, Town of Burlingame. Ernest C. Douglas to J. S. Sampson Co. July 21, 1922



A "Pittsburg" Automatic Gas Water Heater installed in the home indicates high quality throughout.

Recommended and specified by all of the leading architects, plumbers and builders

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

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The Most Powerful Made
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BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

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SAN FRANCISCO, CALIF., AUGUST 12, 1922

Published Every Saturday
Twenty-second Year No. 32

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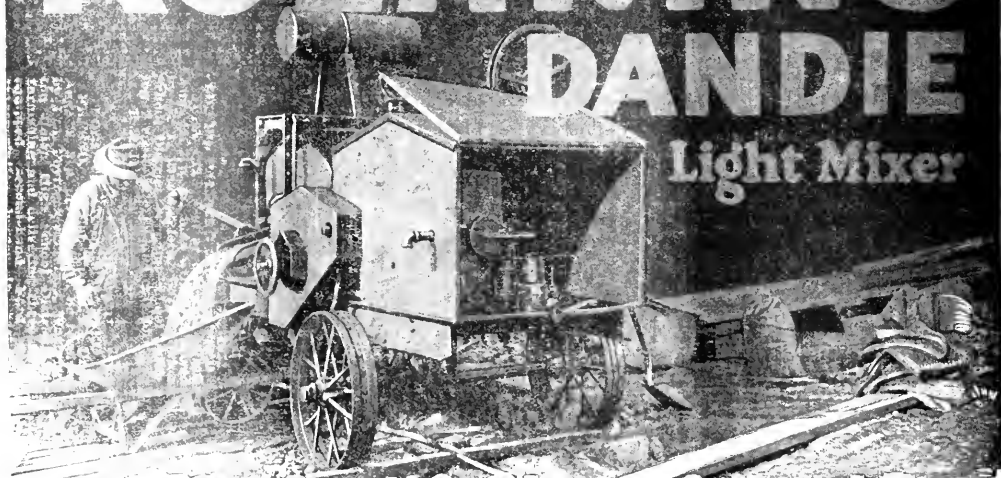
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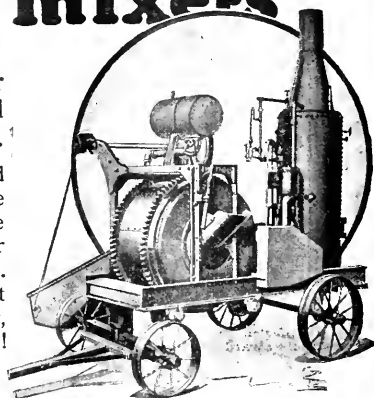
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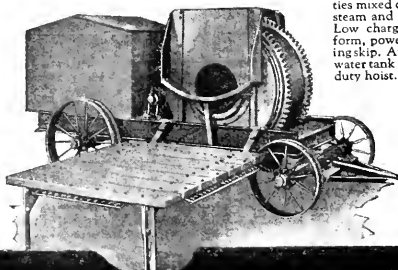
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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., AUGUST 12, 1922

Twenty-second Year No. 32



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San Francisco, Calif.

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LANDIS AWARD UPHOLD

A victory for the Landis award in Chicago, and for the principle of arbitration, was gained in Chicago, July 22nd, when a special committee composed of the International presidents of the various building trades unions recommended a complete reorganization of the Chicago Building Trades Council on a basis of entire recognition of the Landis scale of wages. This report was made to the building trades department of the American Federation of Labor, after several days of investigation, in accordance with a resolution recommending such action adopted at the recent convention of the A. F. of L. at Cincinnati.

Landis-award building workers in thirteen trades in Chicago numbered over 16,000 during the week of July 22nd.

WHO WINS THE STRIKES?

Compilation made recently from U. S. Labor Bureau sources indicates that out of every hundred strikes in 1916, the employers won 30, the employees won 31 and 39 were compromised.

In 1920, the proportions were: won by employers, 38; won by employees, 21; compromised, 41. Figures for intervening years show a steady proportionate loss by employees from year to year.

The cause of strikes in 1920 were: wages, 1,511; wages and hours, 306; hours, 71; union matters, 849; miscellaneous and not reported, 372.

Strikes showed a falling off, in total hours wasted, during 1920. The peak strike year of the whole period was 1919.

WATER POWER DEVELOPMENTS EXCEED ALL RECORDS

There is more water power development under way at the present time than at any previous period in the Nation's history, the Federal Power Commission reported recently in reviewing the results of its two years of administration under the water power act.

Applications for development total 321 and involve approximately 20,000,000 horse power, or more than twice the existing water power installation of the country.

In the last year, after the first flood of applications had come in, they aggregated 6,000,000 horsepower of proposed installation. Up to June 30 last, the report said, the commission had authorized a total of sixty preliminary, or survey, permits and forty-nine licenses, eighteen of the latter for transmission lines, the permits involving an estimated installation of 2,386,000 horse power and the thirty-one licenses for power projects 1,932,000 horsepower.

Although it has been able to take final action on more than half of the applications for permits and licenses filed, the commission, the report said, has been forced to delay action on many important projects due to what was said to have proved to be a wholly inadequate personnel to handle the great amount of administrative detail and supervision required in the legislation.

TO BOND TO COMPLETE RECLAMATION WORK

The State Reclamation Board has set August 26th as the tentative date for the \$8,000,000 bond election in the seven counties affected by Assessment No. 6, which was validated by a special court of three Superior Judges that sat en banc at Yuba City.

This bond issue is made necessary by reason of the fact that the land owners in the district affected refused to pay the assessment which was levied to complete the work of the Sutter By-Pass. The counties in which the election will be held follow: Sacramento, Sutter, Yuba, Yolo, Butte, Colusa and Glenn.

Land owners in the assessment district have appealed to the State Supreme Court from the decision rendered by the special court which was appointed by Governor William D. Stephens, but the Reclamation Board claims the appeal will not be recognized as the law does not give the right of appeal.

The assessments in the various counties vary. In Glenn county the total is about \$47,000, while in Colusa county the total will reach about \$1,500,000, the assessment running from a small sum to as high as \$125,000 on the large holdings.

There are two large land owning companies in the district which will bear more than half the total assessment, one company alone having been assessed more than \$4,000,000.

Don't forget to go to the Annual Builders' Outing on September 2, 3 and 4 at Capitola by the Sea. Two thousand dollars in prizes. Famous Builders' Midnight Follies. Bathing Girls' Review. Hotel and Camping. Go by train or auto.

PRIZE AWARDED OFFERED FOR VITRIFIED CLAY PIPE PAPER

Preliminary announcement of cash prizes for the best paper entitled "Use of Vitrified Clay Pipe in Plumbing System," is made by S. E. Dibble, head of the heating and ventilating department of the College of Industries at Carnegie Institute of Technology. The total amount of prizes is \$400 dollars. The contest will be open to all practical plumbing and heating dealers, inspectors, etc., as well as to instructors and students in all educational institutions where drainage is taught.

Detailed announcements of the rules and regulations of the competition, and the amount of each prize in the various classes, will be made about September 1, 1922.

The contest is a move toward increasing building operations, having in view particularly the reduced cost of drainage work. It is advisable that competitors for these prizes obtain copies of Mr. Dibble's printed report of recent experiments on the use of bituminous jointing compounds for vitrified clay pipe. The experiments were conducted at Carnegie Institute of Technology. Copies of the report will be sent upon request by addressing R. S. Clark, office of the secretary, Carnegie Institute of Technology, Pittsburgh, Pa.

LUMBER CUT AGAIN ABOVE NORMAL RATE

One hundred and twenty-four mills reporting to the West Coast Lumbermen's Association for the week ending July 29, manufactured 83,511,334 feet lumber; sold 78,639,026 feet, and shipped 75,496,800 feet. Production for reporting mills was 4 per cent above normal. New business, 6 per cent below production. Shipments were 4 per cent below new business.

Thirty-four per cent of all new business taken during the week was for future water delivery. This amounted to 26,839,026 feet, of which 18,986,906 feet was for domestic cargo delivery and 7,902,120 feet for overseas shipment. New business for delivery by rail amounted to 1725 cars.

Thirty-one per cent of the week's lumber shipments moved by water. This amounted to 23,116,800 feet, of which 15,610,213 feet moved coastwise and intercoastal, and 7,506,587 feet export. Rail shipments amounted to 1746 cars.

Unfilled domestic cargo orders total 98,274,364 feet. Unfilled export orders 58,932,744 feet. Unfilled rail trade orders, 6260 cars.

In 30 weeks production has been 2,413,359,295 feet; new business, 2,421,312,163 feet; shipments, 2,285,917,504.

E. S. CIVIL SERVICE EXAMINATIONS

U. S. Civil Service Commission will consider applications for examinations for the position of "draftsman, architectural and structural steel," a position paying from \$1380 to \$1800 a year. Applications will be received up to August 29 for the position of "Appraisal Engineer," paying from \$3000 to \$4000 a year. Apply for Forms 1312 and 2118, respectively, from U. S. Civil Service with offices in principal cities.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

For highway construction during the current year the Bureau of Public Roads of the Department of Agriculture estimates that there will be available in the States approximately \$800,000,000, which includes the Federal as well as local funds. The States having available the largest amounts include California, with over \$53,000,000; Pennsylvania, with more than \$52,000,000; Illinois and New York, with more than \$47,000,000 each, and Texas, with almost \$43,000,000.

The Los Angeles city council has decided upon a new plan for initiating street improvements. It has instructed the public work committee and the city engineer to submit a list of unimproved streets in the city which should be improved, together with the type of pavement which the city engineer considers most suitable for each street. Property owners will then be given an opportunity to express their approval or disapproval of the city engineer's recommendations.

Movement of one of its southern camps and mill equipment and 4000 employees and their families to a new site near Kelso is announced by the Long-Bell Lumber Co., with head offices in Kansas City. The new mill site will require construction of many buildings and residences. It is planned to begin cutting on a 70,000-acre tract of Douglas fir. Work at the new site has already begun, according to the announcement of R. A. Long, president of the company.

The International Congress of Engineering, the first of its kind in Latin America, will be held under the auspices of the Brazilian government at Rio de Janeiro, Sept. 7-30, 1922. This will be in connection with the opening of the Brazilian international exposition, and other features of the celebration of the first Centennial of Brazilian independence. The exposition will continue until March 31, 1923.

G. H. Burchell, formerly located at 213 Washington St., Oakland, has moved to larger quarters at Myrtle and San Pablo Ave., and in addition to the manufacture of plaster, stucco, staff and artificial stone construction, will, through a new department, make artificial stone mantels, garden and lawn furniture.

The Douglas Fir Exploitation & Export Company has filed its answer to a complaint before the Federal Trade Commission denying conspiracy and asserting the company has been engaged exclusively in export trade within the Webb-Pomerene law, and that it does not come within the jurisdiction of the export trade act.

The Kern county supervisors have abandoned the proposal to construct 16 miles of paved highway to connect Maricopa with the State highway near Rose Station. Proceedings were dropped due to protests of property owners in district organized to finance the project which was estimated to cost \$465,000.

State Architect's Office preparing plans for manufacture of toys at Napa State Hospital. Building will cost \$15,000.

Southwest Builder, Los Angeles, says: By a practically unanimous vote more than 600 of the 1000 members of the Builders' Exchange of San Francisco voted at a recent meeting to uphold the "American Plan" or open shop in the building industry by refusing to abolish the rule which requires all contractors to secure a permit for purchase of building materials. This rule is the pivot of the open shop fight in San Francisco. To abandon it would be equivalent to quitting the fight. San Francisco has gone so far that she cannot now retrace her steps.

April, May and June brought a record of 94 permits for water appropriation from Oregon streams, according to Percy A. Copper, state engineer. Included in these permits are irrigation of 24,073 acres of land, development of 1200 horsepower, and the use of water for mining, municipal, domestic and other purposes. It is estimated that the cost of construction work in connection with the permits will be about \$1,008,000.

Alfred Lincoln has been made general superintendent of the logging activities of the Hapelen Lumber & Manufacturing Company, Tacoma, and is to have charge of operations for the company in Western Washington. Before entering the lumber business Lincoln was a railroad engineer.

Petitions are being circulated in Burlingame to have electrolier lighting system installed in Howard and Highland Aves., Middlefield Road and San Mateo Drive. About twenty-five standards will be installed.

Bids for furnishing twenty or more street car bodies, trucks, motor equipment and air brake equipment for the Municipal Railway System will be considered by the San Francisco Board of Public Works on September 6th.

Headquarters of the U. S. Division Engineer at Portland, Ore., will be moved to Burke Bldg., Seattle, Wash. Col. Edward H. Schultz, formerly district engineer at Seattle, becomes division engineer.

J. C. Perry, whose paint factory at Sunnyvale was destroyed by fire, is conferring with businessmen of San Rafael with a view to organizing a \$50,000 corporation and erecting a plant in that city.

Seventy new dwelling houses, exclusive of apartment buildings, have been erected in Reno, Nevada, since January 1. July building totaled, \$63,550. Total since January 1 to July 31, \$363,935.

Los Angeles Chamber of Commerce completing arrangements for the California Pageant of Progress and Industrial Exposition to be held in that city Aug. 20 to Sept. 9.

F. P. Trask, representing Dr. C. H. Schwartz of Berkeley, is seeking a site in Walnut Creek, Contra Costa County, on which to establish a plant for the manufacture of artificial silk.

ALONG THE LINE



Paul P. Witham, engineer formerly of Seattle, is now president of the Asia Development Company, an American firm with offices in Canton, China. The company is reported to have secured contract to make a survey and estimate the cost of a motor road from Chengtu to Chungking in Szechwan, a distance of about 265 miles.

Andrew M. Jensen and J. A. Ross, members of a civil engineering firm of Fresno, have brought suit against the Tranquillity Irrigation District, Fresno County, for \$3036.72, which they allege is due them on work done for the district.

Harvey J. Ryan of Stanford University is the nominee of the Pacific Coast convention of the American Institute of Electrical Engineers, in session at Vancouver, B. C., for the presidency of that organization.

W. S. Farley, San Francisco engineer and former city engineer of Martinez, will sue that city for approximately \$38,000, alleged due him for services in street improvement program.

H. H. Harris has been named assistant manager and chief engineer of the Harlan Drydock and Shipbuilding Company of Oakland.

According to reports of the city engineer's office about \$350,000 worth of street improvements will be put through in Santa Barbara this year.

Merced city trustees will call election to vote bonds of \$70,000 for sewer improvements and \$17,500 to purchase park lands.

The Western Irrigation Equipment Association will hold its annual convention in Sacramento on Sept. 2.

The Valley Electrical Co. of Fresno will have an extensive exhibit at the Fresno District Fair.

A. E. Cowell, county surveyor of Merced county, has resigned. Edgar Winton will probably fill the vacancy.

Yuba City at a recent election voted bonds of \$50,000 to construct sanitary sewer system.

Building permits granted by Modesto city council during July total: \$5, calling for improvements costing \$112,950.

M. H. Cavin has succeeded the Varney Bros. Lumber Co. at Heber, Cal.

Roy May, present Kings county surveyor, is a candidate for re-election.

Buildings in San Leandro for July totaled \$13,955.

Eureka, Calif., building permits for July, \$39,000.

JUNE BUILDING IN TWELFTH FEDERAL RESERVE DISTRICT

(As Reported by John Perrin, Federal Reserve Agent)

Building activity during June was exceeded only during April, 1922. Building permits issued in 20 principal cities during June numbered 10,165 with an estimated valuation of \$29,598,278, compared with 8201 permits with a valuation of \$15,450,694 issued in June, 1921, an increase of 195% or 23.8 per cent. in number, and of \$14,147,584, or 91.5 per cent. in value. The same 20 cities for the six months' period, January to June, 1922, report 69,482 permits issued with a valuation of \$157,287,598, compared with 48,224 permits issued in the corresponding period of 1921 with a valuation of \$92,890,706, an increase of 23.3 per cent. in number and 70.1 per cent. in value in 1922, compared with 1921. According to reports received by this bank, construction for residential purposes constitutes the greater part of present building activity in the larger cities of the district. In Boise, Los Angeles, Portland, Reno, Tacoma and Seattle, a shortage of apartment house buildings and schools is reported.

Figures recently compiled by the Bankers Economic Service indicate an accumulated shortage of buildings in the United States during the past 13 years, amounting to 21 per cent. of the estimated total normal volume of building in that period. The study shows that building operations in the Pacific States have been proportionately less than in any other section of the country during the past 10 years. The accumulated shortage being 34 per cent. The shortage of groups of states are as follows: Middle Western States, 9 per cent.; Southern States, 17 per cent.; New England States, 22 per cent.; Western States, 22 per cent.; Eastern States, 23 per cent.; Pacific States, 34 per cent.

STANDARDIZATION OF LUMBER SOUGHT TO ELIMINATE WASTE

The waste in the lumber industry in the nation is at least a billion dollars a year, William A. Durgin, personal representative of Herbert Hoover, Secretary of Commerce, informed the semi-annual conference of the West Coast Lumbermen's Association at a meeting in Tacoma, Wash., August 2. Durgin told the lumbermen that the loss could be greatly reduced through standardization of lumber and grades, and he declared if the plans of the Department of Commerce are followed billions of dollars will be saved to the nation in the coming years.

"The great cause of waste in the lumber industry, as in all industries," Durgin said, "is the universal prevalence of enormously excessive varieties. The sizes of sash and doors run well into the thousands," he said, "and in furniture the varieties run riot."

The lumbermen were told that simplified practice will reduce production costs, selling expenses, misadventures and cost to the ultimate consumer; and by reducing production costs open by a wider foreign market for lumber.

Manufacturing plants in New York City paid salaries and wages totaling \$1,131,994,492 in a year and turned \$2,801,619,388 worth of material into \$5,260,707,577 in finished products, say the last census reports.

That 37 radio apparatus manufacturers are infringing on each other's patents and 1000 other concerns are infringing on patents of older firms, is the report of recent investigations.

Capitola-by-the-Sea to Fete Builders Next Month---Elaborate Program is Prepared

Capitola-by-the-Sea has been selected by the San Francisco Builders' Exchange as the site to hold the annual "Builders' Day" outing. The festival will cover a three-day period, Sept. 2, 3 and 4, and will be held under the auspices of the San Francisco Builders' Exchange. During this period the State Convention of Builders' Exchanges of California will be held at Capitola-by-the-Sea, thereby assuring a representation from every section of the State.

The Committee on Arrangements reports more than \$2000 worth of prizes on hand. Games of all kinds will be features of the three-day session. A nail-driving contest will be held for the ladies and a marble-playing contest for young men over 60 years of

age. Bricklayers will be allowed to show their skill in contest of brick laying.

The "Builders' Midnight Follies," a stunt yet to be set, will be staged under the personal direction of Clarence E. Pratt, assisted by Charles Gompertz, president of the State Association of Builders' Exchanges; C. E. Reinhardt, R. B. Claghorn, Steve Guerin, Wm. Peary, Emil Hogberg, J. E. Crowe and George Dixon.

Accommodations have been arranged for those who attend and means of transportation will be by stage, auto and train, the latter on which very reasonable rates have been secured. Tents, cottages and hotel have been secured for living quarters.

BENT BROTHERS OF LOS ANGELES AWARDED BULLARD'S BAR PROJECT

Bent Brothers, 1714 Eagle Ave., Los Angeles, have been awarded contracts to construct the Bullard's Bar project in Yuba county for the Yuba development with offices in the Hobart Bldg., San Francisco. For the dam, Bent Brothers were awarded the contract at \$330,680 and the power house for \$12,984.

The present Bullard's dam is now 45 feet high. This will be raised to 175 ft., making a dam 500 ft. long on the crest, 41 ft. thick at the base and 6 ft. thick at the top. It will be of the constant-angle-arch-Jorgensen type. It will have an overflow crest nearly the entire length and a reinforced concrete bridge 750 ft. long, 12 ft. above the crest of the dam, with a 16-ft. roadway, supported on concrete piers.

Other bidders for the work were: F. Rolandi, W. A. Kraner, J. L. McLaughlin, Starr, Thebo & Anderton, Foundation Co., H. C. Vensano and Duncan-Harrelson, all of San Francisco.

The owners will furnish cement, steel, pipe, valves and dam equipment for the project, to be delivered f. o. b. damsite. Bids for the power house equipment are now being received by the owners, who also plan to construct 20,000 lin. ft. of roadway, 6.1 miles of transmission line, equipped with three copper wires, 2-gauge, porcelain insulators, using 20 poles to the mile, carrying 60,000 volts.

The Constant Angle Arch Dam Co., Hobart Bldg., San Francisco, are the designers.

ROAD BUILDERS OF THE WORLD TO MEET IN SPAIN

Roadmakers from around the world will meet in Seville, Spain, next May to exchange experiences and views for mutual benefit. The International Road Congress met first in Paris in 1908, and the last meeting was in 1914. The meeting will bring together delegates representing national and state governments and good roads' associations in the United States, Belgium, Canada, Australia, New Zealand, China, Japan, France, Great Britain, Italy, Holland, Sweden, Denmark, Switzerland, Argentina, Czechoslovakia, Spain, Portugal, Norway, Germany, Yugoslavia, Poland, Austria, Cuba, Chili, Brazil and other countries.

VICE BENEFITS INDUSTRY

An employment service for engineers of every variety of training and experience is conducted by the four national engineering societies of the United States. This service brings in touch with the various business men the service of 50,000 trained technical men who are members of the American Society of Civil Engineers, American Society of Mechanical Engineers, American Institute of Mining and Metallurgical Engineers and American Institute of Electrical Engineers.

One of the objects of the service is to show to the various commercial houses the aid which engineers are rendering to others in the same lines and to help these firms and corporations secure similar assistance.

Men of engineering training are prominent in all branches of commercial endeavor and their creative ability is recognized as being of great help in the building up of the nation's wealth.

This service is in a position to supply the readers of the American Contractor with engineers or technical men to secure positions.

It is under the direction of Mr. W. V. Brown and is located in the United Engineering Building, 29 West 39th St., New York City, and is free to both employer and to employee.

PERU WILL CONSTRUCT 2400 MILES OF RAILROAD

According to word from Victoria, B. C., Robin Dunsinn has signed a railroad contract with the Peruvian Government and a syndicate is now negotiating with New York bankers for the construction of 2400 miles of railroad to cost at least \$120,000,000.

The concession includes land grants, amounting to 50,000,000 acres, surface rights in perpetuity and oil and mineral rights for 33 years.

Terms of the concession involves immediate payment to the Peruvian Government of about \$5,000,000. This payment is to enable the Peruvian Government to free the tobacco monopoly from a first charge and to hand over this monopoly, together with 168 miles of railroads already completed or under construction, to Dunsinn, who will be empowered to collect the tobacco monopoly and to use the proceeds for guaranteeing interest on bonds to be issued to provide the necessary funds for the operation of the concession.

DECAY OF BUILDING TIMBERS INVESTIGATED

The timber formerly used in mill construction consisted in many instances of white pine and white oak, both of which are highly durable woods. In more recent years, however, these timbers have been supplanted largely by southern yellow pine, spruce, and hemlock. High-grade resinous longleaf pine has given good service under exacting conditions, but the inferior grades of pine, often of more rapid growth and frequently containing a high percentage of sapwood, have not proved satisfactory in parts of buildings where the conditions are favorable for decay.

The same investigator says that hemlock, put in green, lasted about two years. The bulletin cites a number of examples of large losses owing to rapid decay. The main purpose of the bulletin, however, is to report a technical and scientific study of the fungi causing all this damage made with a view to gaining a better understanding of the life processes of these plants and to determining under what conditions they thrive and are spread within buildings.

Considerable attention is paid to the spores, or "seeds," of these plants, the kinds that may be found within structures such as cotton mills, their abundance, their lengths of life under mild conditions and their possibilities of starting new centers of rot in the same or nearby buildings.

Scientific investigators, mill men, contractors and engineers interested in this technical discussion may obtain a copy of the bulletin by addressing the Department of Agriculture, Washington, D. C.

TRANSPORT PROBLEM TREATED IN BOOKLET

Fundamental problems involved in highway transport and highway economics are discussed at length by leading students from engineering and automotive fields in a new booklet now ready for distribution by the Highway Education Board.

Modification of truck design to fit the need, subsidizing of highway transport by the construction of market lanes, predictions of future traffic changes, and economical types of roads are only four of nearly two score problems raised and discussed authoritatively in the bulletin.

In addition a chart of the field of highway research prepared by Dr. W. K. Hatt, formerly of Purdue University, now director of highway research for the National Research Council, forms an instructive and suggestive part of the brochure.

The booklet itself is a report of a conference held on these subjects at the University of Maryland, attended by leading economists, engineers and manufacturers. It was edited by Professor C. J. Tilden, former director of the Highway Education Board, when it was known as the Highway and Transport Education Committee. After a year's leave of absence he has returned to Yale University, where he is professor of engineering mechanics. The conference was presided over by President Charles S. Howe, Case School of Applied Science, Cleveland. Features of the report include a paper by Thomas H. MacDonald, chief of the U. S. Bureau of Public Roads, and an analysis of highway legislation.

The bulletin is being distributed by the Highway Education Board, Willard Building, Washington.

Work Under Way on Ideal Section of Lincoln Highway in Indiana

The far-famed stretch of model road known as the Ideal Section of the Lincoln Highway is, after nearly two years of preliminary research and detailed work, now under construction in Lake County, Indiana.

The contracts for the construction were closed recently in Indianapolis, when Stone & Webster, Inc., of Boston, Mass., acting as agents for the Lincoln Highway Association, undertook to build a section of road which will cost, with all appurtenances, approximately \$100,000 a mile, at a price of \$33,000 per mile to the State of Indiana. Stone & Webster, under whose supervision the work will proceed, let the construction contract to J. C. O'Connor & Sons of Ft. Wayne, Ind. A-ready the work on this stretch, which will perhaps be one of the most talked about and studied section of highway in the world, is under way.

In addition to the \$33,000 per mile provided by the State, Lake County authorities have assured \$25,000 from county funds and steps have already been taken by the County Council and Commissioners to provide this sum as the county's share. The extra expense of the section beyond the sum supplied by the State and county, which is equivalent to what the construction of the usual State specifications would cost, will be met by the Lincoln Highway Association, through a special fund provided by the United States Rubber Company. It is expected that the paving work will be completed by the end of October, many details, including the lighting installation, the beautification of the right-of-way, etc., remaining for accomplishment next spring.

In the design of this unique section of the Lincoln Highway is embodied the mature thought of 15 of the foremost experts in highway engineering and construction and related problems in the United States, who, acting without recompense as the technical committee of the Lincoln Highway Association, developed the general plan which was carried to detailed completion through the collaboration of the engineering department of the Indiana State Highway Commission; C. Gray, State highway engineer; Lockwood, Greene & Co., engineers, and W. G. Thompson, late State highway engineer of New Jersey, the association's consulting highway engineer. Federal aid of \$20,000 per mile has been allowed

by the Bureau of Public Roads of the Department of Agriculture toward the construction, the development of which will be closely followed by the Federal authorities.

The ideas embodied in the design of the Ideal Section, which will stand for years at its central location on the Lincoln Highway as a model for the gradual evolution of the entire route as traffic volume increases, impress many important lessons through which the association hopes to inform and mould public opinion of the United States. The design calling for 40 feet of 10-in. reinforced concrete pavement, capable of carrying a traffic of 20,000 vehicles per 24-hour day, one-quarter of which are estimated to be heavily laden trucks, impresses the necessity of permanency in our modern highway investments on main routes of travel. The width makes for safety and facility of operation. The absence of drainage ditches at the side of the road further inculcates the safety idea, while the night illumination increases the road's efficiency by permitting a heavy volume of night traffic without danger. The beautification of the roadside is in line with steps now being taken by the most advanced highway departments, which are realizing that too little attention has been given in this country to the importance of a proportionately small expenditure to realize the greatest beauty of the roadside.

While it is not expected that many States can undertake, in the near future, improvements embodying all of the principal elements of the Ideal Section design, it is felt by the Lincoln Highway Association and the officials of the United States Rubber Company, which made the object lesson section possible, that the design will be suggestive and will tend to bring to the attention of the American public the vital necessity of adequacy in present day specifications, if the hundreds of millions which are now going into highway construction are to properly serve the America of today and tomorrow.

During the past fourteen-year period our fire losses were 28.1 per cent of the value of new building construction. In 1920, although an abnormal amount of building was done, the fire losses were 23.5 per cent of the value of new buildings.

DAILY PACIFIC BUILDER

The only daily newspaper in the West whose columns are devoted exclusively to Building News. Covers San Francisco and Bay Counties. \$1.25 per month, payable in advance. Send for sample copy.

560 MISSION STREET

SAN FRANCISCO, CAL.

Building News Section

APARTMENT HOUSES

To Be Done By Day's Work
APARTMENTS. Cost, \$20,000
SAN FRANCISCO. E. Polk 10 S. Green-
 wich.
 Three-story and basement frame (2)
 apartments.
 Owner—Axel A. Johnson, 632 Helve-
 dere St., San Francisco.
 Architect—None.

Segregated Figures Being Taken
ALTERATION. Cost, \$10,000
SAN FRANCISCO. NE Washington &
 Webster Streets.
 Alter two-story frame building into
 (3) apartments and a market (ce-
 ment) exterior, hardwood floors,
 wall beds, etc.)
 Owner—Withheld.
 Architect—Ernest H. Hildebrand 110
 Sutter St., San Francisco.

To Be Done By Day's Work.
APARTMENT HOUSE. Cost, \$25,000
FRESNO. Fresno Co., Cal. No. 1492
 Poplar Avenue.
 Apartment house.
 Owner—Trichard Bros. Blackstone &
 McKinley Sts., Fresno.
 Architect—Owner.

Contract Awarded
APARTMENTS. Cost, \$200,000
SAN FRANCISCO. NW Orange and
 Loomis Sts.
 Four-story and basement (class C)
 apartment house (128 rooms, 56
 apts.)
 Owner—B. Campbell.
 Architect—E. B. Rust, 527 Black Bldg.,
 Los Angeles.
 Contractor—L. T. Mayo, 531 Black
 Bldg., Los Angeles.

Contract Awarded.
APT. HOUSE. Cost, \$17,000
FRESNO. Fresno Co., Cal. 1365 Lin-
 den Ave.
 Apartment House.
 Owner—G. C. Smith.
 Architect—None.
 Contractor—Valley Construction Co.,
 Mattei Bldg., Fresno.

Contract Awarded.
APT. HOUSE. Cost, \$26,000
FRESNO. Fresno Co., Cal. 741 Home
 Ave.
 Apartment House.
 Owner—G. C. Smith.
 Architect—None.
 Contractor—Roy Martin.

Contract Awarded.
APARTMENT HOUSE. Cost, \$15,000
BERKELEY. Alameda Co., Cal. 2228
 Channing Way.
 Two-story frame and stucco apartment
 house (18 rooms).
 Owner—E. R. Griffith.
 Architect—George Rushforth, 2321
 Blake St., Berkeley.
 Contractor—Arthur Laxton, 1009 Mis-
 sion St., San Francisco.

Contract Awarded.
STORE & APTS. Cost, \$21,000
BERKELEY. Alameda Co., Cal. S. W.
 Alcatraz and College Aves.
 Two-story frame stores and apart-
 ments (18 rooms), 5 separate gar-
 ages.
 Owner—Phoebe Leal.
 Architect—None.
 Contractor—California Building Co.,
 1534 Franklin St.

Plans Completed.
APARTMENTS. Cost, \$—
PORTLAND. Ore. 50th and Hawthorne
 Avenue.
 Three-story reinforced concrete (26) 2
 and 3-room apartments, 100x100.
 Owner—Jason C. Moore.
 Architect—Edw. A. Miller, 547 Henry
 Bldg., Portland, Ore.

Contract Awarded.
APT. HOUSE. Cost, \$20,000
SAN FRANCISCO. NE Broadway and
 Taylor.
 Three-story frame apartment house.
 Owner—Wm. and Margaret Buchanan
 Architect—E. H. Denke, 1317 Hyde St.,
 San Francisco.
 Contractor—E. H. Denke and E. W.
 Bowes, 1317 Hyde St., San Fran-
 cisco.

To Be Done By Day's Work—Sub-
 contracts.
APT. HOUSE. Cost, \$65,000
SAN FRANCISCO. S. O'Farrell 200 W.
 Hyde.
 Five-story and basement class C con-
 crete (32) apartments.
 Owner—J. Steur, 1409 Geary St., San
 Francisco.
 Architect—None.

Sub-Contracts Awarded.
APARTMENTS. Cost, \$200,000
SAN FRANCISCO. SW Hyde and
 Greenwich Sts.
 Ten-story and basement class A re-
 inforced concrete apartment house
 18 5 and 6-room apartments).
 Owner—O. B. Martin.
 Architect—C. A. Neussdorffer, Hun-
 boldt Bank Bldg., San Francisco.
 Contractor—R. McLeran Co., Hearst
 Bldg., San Francisco.
 Structural Steel awarded to The Pa-
 cific Rolling Mills.
 Elevators to The Otis Elev. Co.
 Plumber, Alex. Coleman.
 Heating, to Jas. H. Pinkerton.
 Electrical Work to The Watts Elec.
 Co.

Lathing and Plastering to Jas. F.
 Smith.
 Painting to D. Zelinsky.
 Tiling to Rigney Tile Co.

Plans Being Figured—Bids Close Aug.
 21, 1922.
APARTMENTS. Cost, \$—
LOS ANGELES. Los Angeles Co., Cal.
 SE Wilshire Blvd. and Coronado
 Street.
 Four-story and basement class C briel
 apartment house, 125x155 (18)
 rooms, 15 apts.)
 Owner—Wilshire-Coronado Holding
 Co.
 Architect—Russell & Alpaugh, 1166
 Story Bldg., Los Angeles.

Contract Awarded.
APT. HOUSE. Cost, \$18,000
FRESNO. Fresno Co., Cal. 1585 N. Van
 Ness Ave.
 Apartment House.
 Owner—M. H. Kristiansen.
 Architect—None.
 Contractor—Nels P. Nelson, 848 Roose-
 velt Ave., Fresno.

Contract Awarded.
STORE & APT. HOUSE. Cost, \$25,000
SACRAMENTO. Sacramento Co., Cal.
 720-722 J St.
 Three-story frame store and apart-
 ment house.
 Architect—None.
 Contractor—Capital Construction Co.,
 1405 K St., Sacramento.

Contract Awarded.
APARTMENTS. Cost, \$27,000
SAN FRANCISCO. S. Market 269-7 N.
 Noe.

Three-story frame nine apartment—
 Owner—W. F. Hoise.
 Architect—Albert W. Burgen, 110 Sut-
 ter St., San Francisco.
 Contractor—Olson & Peterson, 250 Felt
 St., San Francisco.

LOS ANGELES, Cal. Lange & Beir-
 son general contractors, 802 Wash-
 ington Bldg., Los Angeles, have pur-
 chased a site at the S. W. corner of 6th
 St. and Parkview Ave. and contemplated
 the erection of a class A apartment
 house. The property is 120x150 ft. and
 the residences now on the site are be-
 ing moved. The owners plan the erec-
 tion of a building 8 or more stories in
 height as soon as a tenant can be se-
 cured. Plans for the building have not
 yet been prepared.

SAN FRANCISCO—Architect C. E.
 Neussdorffer, Humboldt Bank Bldg.,
 has awarded a contract to L. & E.
 Emanuel, 1330 Filbert St., for the in-
 terior wood work for the seven-story
 Class B apartment house being erected
 on the northwest corner of Washing-
 ton and Gough streets. Two Thousand
 Washington Street, Inc. is the owner.

PORTLAND, Ore.—Architects Housch-
 elling & Doughty, Bks' Bldg., taking
 bids for four-story and basement
 brick, 37 (2-room) apartments, to be
 erected at 13th and Market Sts., for
 Finch Investment Co., 50x100 ft. Es-
 timated cost, \$80,000.

BANKS

Electrical Work and Heating Contracts
 Awarded.
BANK. Cost, \$—
SACRAMENTO. Cal. SW Sixth and K
 Sts.

One-story Class A bank building.
 Owner—Bank of Italy.
 Architect—Geo. C. Seiden & Co. Mitau
 Bldg., Sacramento.

General Contractor—K. E. Farber Co.,
 Clunie Bldg., San Francisco.
 Electrical work awarded to The Stor-
 ing Elec. Co., 1017 9th St., Sacra-
 mento.

Mechanical equipment to Hately &
 Hately, Mitau Bldg., Sacramento

Plans Being Figured.
BANK & OFFICE BLDG. \$250,000
VISALIA. Tulare Co., Cal.
 Five-story and basement reinforced
 concrete bank and office bldg.

Owner—Bank of Italy.
 Architect—R. F. Felechin & Co., Bank
 of Italy Bldg., Fresno.
 414689 1st report March 7, 1922, R 2
 Figures are being taken by Mr.
 Conner of the Bank of Italy in San
 Francisco for terra cotta work, con-
 crete work, general contract, etc.

LOS ANGELES, Cal.—Gladding, Mc-
 Lean & Co., San Francisco, were award-
 ed the contract for furnishing terra
 cotta for new bank building at Whit-
 tier for First National Bank of that
 city. Baker Iron Works was awarded
 the contract for structural steel. The
 general contract has not been let. John
 Parkinson and Donald B. Parkinson,
 126 Security Bldg., Los Angeles, archi-
 tects.

BONDS

SACRAMENTO, Cal. Until Aug. 21
 bids will be received by county super-
 visors for purchase of \$10,000 bond re-
 issue of Alabama School District, pro-
 ceeds of sale to finance school improve-
 ments

WANTED—First-class drafts-
 man. State reference. Salary
 \$50 to \$100 per week, according
 to ability. Excellent position for
 right man. Address Box 2,
 Daily Pacific Builder, 560 Mission
 St., San Francisco.

CLARKSBURG, Yolo Co., Cal.—Bonds of \$75,000 voted in Clarksburg Union High School District to finance construction of 6-room and auditorium, hollow tile school.

SANTA BARBARA, Cal.—City Manager Fred Johnson announces that \$200,000 city hall bond issue will be advertised immediately.

MERCED, Merced Co., Cal.—City trustees adopt resolution authorizing election to vote bonds of \$70,000 for sewer improvements and \$17,500 for purchase of park lands. C. D. Martin, city engineer.

NAPA, Napa Co., Cal.—Election will be held August 29 in Salvador Union School District to vote bonds of \$45,000 to finance construction of a new school.

MARTINEZ, Contra Costa Co., Cal.—Supervisors sell \$10,000 bond issue of the San Pablo School District for a premium of \$567, in proceeds to finance school improvements.

DAILY CITY, San Mateo Co., Cal.—Bonds of \$180,000 voted in Jefferson Union High School District to finance construction of new high school.

HOLLISTER, San Benito Co., Cal.—Election will be held Sept. 3 in Pacheco School District to vote bonds of \$50,000 to finance construction of new school. Trustees of district are: W. A. Sanders, Carrie Peck and Edith Frazee.

YUBA CITY, Sutter Co., Cal.—Bonds of \$50,000 voted to construct sanitary sewer system. Edward von Geldren, city engineer.

OROVILLE, Butte Co., Cal.—Supervisors sell \$40,000 bond issue of Shasta Union School District for premium of \$661, proceeds to finance const. of new 4-room and auditorium reinf. concrete school. Chester Cole of Chico is the architect.

CHURCHES

Bids Opened.

ADDITION.
SAN JOSE, Santa Clara Co., Cal.—S. 3d St. and San Jose Ave.
Marble and stucco addition to synagogue.
Owner—Jewish Synagogue.
Architect—Blinder & Curtis, Binder Bldg., San Jose.
Z. O. Field 76 San Antonio, San Jose \$14,430
Herbert Jorgensen 14,960
J. Berg 14,537

Contract Awarded.
CHURCH. Cost, \$13,000.
FRESNO, Fresno Co., Cal. 2400 Ventura Ave.
Church.
Owner—Armenian Evangelist Church.
Architect and Contractor—Harry Starbuck, 2550 Merced St., Fresno.

Plans Being Figured—Bids Close Aug. 14, 1932.
CHURCH. Cost, \$—.
RICHMOND, Contra Costa Co., Cal. NW Nevlin Ave. and 12th St.
One-story frame and stucco church.
Owner—1st Church of Christ Scientist.
Architect—E. A. P. Carson, 512 4th St., Richmond.

Figures are being taken on the general contract. The sub bids have been opened but will not be made public until the general bids are opened.

FACTORIES & WAREHOUSES

Plans Being Figured—Bids Close Aug. 14, 1932.
LAUNDRY BLDG. Cost, \$—.
LOS ANGELES, Los Angeles Co., Cal. Slapton Ave. and 54th St.
Two-story and basement brick laundry building.
Owner—Peerless Laundry Co.
Architect—Harry L. Pierce, 301 Wright Callender Bldg., Los Angeles.

Contract Awarded.

WAREHOUSE. Cost, \$137,940.
PITTSBURG, Contra Costa Co., Cal.
One-story reinforced concrete warehouse, 80x200.
Owner—Pioneer Rubber Co.
Architect—Benj. G. McQuigall, 381 Bush St., San Francisco.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.

Contract Awarded.
AUTO BUS BLDG. Cost, \$18,000.
SACRAMENTO, Sacramento Co., Cal. 1219 J St.
One-story auto bus building.
Owner—M. H. Dupinbrock, 2315 M St., Sacramento.
Architect—None.
Contractor—F. A. Holdner, 503 Bryte Bldg., Sacramento.

Bids Opened for Reinforcing Steel.
WAREHOUSE. Cost, \$125,000.
SAN FRANCISCO, Mariposa St. S. of 12th St.

Two-story class "B" warehouse, 121 by 200.
Owner—R. McLeran Co.
Lessons—Hildebrand Glass Co.
Architect—R. McLeran Co., Hearst Bldg., San Francisco.
Bart - Falk Co. \$ 9,450
Gunn - Carle Co. 9,459
Edw. L. Soule 9,838
Wetzelhall Co. 10,265
Truscon Co. 10,140

Completing Plans.
FACTORY BLDG. Cost, \$200,000.
OAKLAND, Alameda Co., Cal. W. Harrison Street from 8th to 9th Sts.
Three-story steel frame reinforced concrete factory building (terra cotta facing).
Owner—Hobart Electric Co., Inc.
Architects—Reed & Corlett, Oakland.
Bank of Savings Bldg., Oakland.

Sub-figures Being Taken.
SLSRM & LOFTS. Cost, \$85,000.
SAN FRANCISCO, E. Fremont 220 N. Mission.
Four-story and basement Class C sales-room and lofts.
Owner—C. B. and J. G. Weil.
Architect—Sam Lightner Hyman, Foxcroft Bldg., San Francisco.
Contractor—Barrett & Hill, 818 Harrison St., San Francisco.
Sub-figures are now being taken for the glass and sheet metal work. The other sub-bids will be taken later.

SAN RAFAEL, Marin Co., Cal.—J. C. Perry, whose paint factory at Sunnyvale was recently destroyed by fire, is interviewing San Rafael businessmen regarding the establishment of such a plant here. It is proposed to form a \$50,000 company.

WALNUT CREEK, Contra Costa Co., Cal.—F. P. Trask, representing Dr. C. H. Schwartz of Berkeley, is conferring with Chamber of Commerce regarding establishment of a factory here for the manufacture of silk.

FIREHOUSES AND JAILS

Plans Being Prepared.
FIREHOUSE. Cost, \$—.
SANGER, Fresno Co., Cal.
Firehouse.
Owner—City of Sanger.
Architect—Coates & Traver, Rowell Bldg., Fresno, Cal.

FLATS

Contract Awarded.
FLATS. Cost, \$10,000.
OAKLAND, N. Forty-second St. 400 E. Linden.
Two-story 16-room frame flats.
Owner—L. Mazzola, 957 12nd St., Oakland.
Architect—None.
Contractor—P. J. Garella, 870 47th St., Oakland.

Contract Awarded.
FLATS. Cost, \$12,000.
SAN FRANCISCO, NE California St. and 25th Ave.

Two-story and basement frame four flats.
Owner—Minnie Hoin, 1739 Washington St., San Francisco.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor—Theo S. Hoin, 1739 Washington St., San Francisco.

Contract Awarded.
FLATS. Cost, \$12,000.
SAN FRANCISCO, SW. Balboa St. and 4th Ave.
Two-story and basement frame four flats.
Owner—Nic Koufos, 3d Ave. and Balboa St., San Francisco.
Architect—Wm. Koenig, 520 Church St., San Francisco.
Contractor—Charles J. U. Koenig, 520 Church St., San Francisco.

Revised Plans to Be Ready for Figures in a Week.
FLATS & STORES. Cost, \$17,000.
SAN FRANCISCO, SW. 11th Ave. and Clement St.
Two-story frame and plaster flats and stores.
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Contract Awarded.
FLATS. Cost, \$11,447.
SAN FRANCISCO, S. 15th St. 150 E. Church.
Two-story and basement frame (2) flats.
Owner—A. Furrer.
Architect—Marin A. Sheldon, 110 Sutter St., San Francisco.
Contractor—R. J. H. Forbes, Monadnock Bldg., San Francisco.

GARAGES

Contract Awarded.
GARAGE. Cost, \$8994.
SAN JOSE, Santa Clara Co., Cal. S 1st St.
One-story frame and brick garage (all work except plumbing and electrical work).
Owner—A. Lavin.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—R. O. Summers.

Owner Taking Figures.
GARAGE. Cost, \$35,000.
SANTA ROSA, Sonoma Co., Cal. B St. Adjoining Cline Theatre.
Two-story reinforced concrete garage, 75x150.
Owner—John Greot, Santa Rosa.
Lessee—Tilden & Tilden.
Architect—B. Hildebrand, Santa Rosa.

GOVERNMENT WORK AND SUPPLIES

Contract Awarded.
PUMP HOUSE, ETC. Cost, \$24,850.
SAN FRANCISCO, Marine Hospital.
Pump house, pump equipment and fire protection system.
Owner—United States Government.
Contractor—Engineering Structural Co., Call Bldg., San Francisco.
Limit, 150 days

The following bids were received at the bureau of yards and docks, Navy Department, Washington, on Aug. 2, specification 4568, for six ordnance buildings, railroad track and water main extensions at the naval operating base, Pearl Harbor, H. T.:

Item 1, entire work complete; 2, alternative design A omitting hollow tile walls; 3, add or deduct from item 1 for each interior bay added to or omitted from the mine storage building; 4, add to item 1 for each bay added to torpedo storehouse; 5, add to item 2 for each bay added to torpedo storehouse, concrete block walls.
Hawaiian Contracting Co., Honolulu, H. T., item 1, \$200,000, 180 days; 2, \$200,000, 180 days; 3, \$500, 2 days; 4, \$4500, 3 days; 5, \$3500, 3 days.
Newport Contracting and Engineering Co., Newport News Va., item 1, \$181,000, 180 days; 2, \$177,600, 180 days; 3, add \$4000, deduct \$2500, 10 days; 4,

add \$5000, 10 days; 5, add \$4800, 10 days.

Walker & O'und, 1136 Saking St., Honolulu, H. T. Item 1, \$245,803, 290 days; 2, \$245,803, 290 days; 3, \$3500, 5 days; 4, \$7200, 5 days; 5, \$7200, 5 days. Telegraphic modifications, item 1, deduct \$53,300; 2, deduct \$53,300; 3, deduct \$500; 4, deduct, \$337; 5, deduct \$387; alternate bid, item 1, \$243,350, 290 days. Telegraphic modifications, deduct \$33,303.

J. L. Young Engineering Co., Ltd., Campbell Bldg., Honolulu, H. T. Item 1, \$132,722, 275 days; 2, \$131,800, 275 days; 3, \$2000, 2 days; 4, \$7200, 5 days; 5, \$7000, 5 days. Telegraphic modifications, items 1 and 2, add \$2000; 3, deduct \$200; 4 and 5, add \$800.

PALO ALTO, Santa Clara Co., Cal.—Bids were received on Aug. 8 by the Superintendent of Construction, U. S. Veterans' Hospital, Palo Alto, Calif., for the rehabilitation of the water supply system of the hospital.

Bids were referred to the supervising architect at Washington, D. C. Turner Co., 272 Natoma St.,

San Francisco \$34,595
Michael Murphy 37,700
Charles M. Cross, S. F. 38,350

HALLS AND SOCIETY BUILDINGS

Plans to Be Prepared.

LODGE BLDG. Cost approx. \$100,000 SAN FRANCISCO. S. Market bet. 12th and Brady Sts.

Two-story Class A lodge bldg., 67x130 ft.

Owner—Royal Order of Moose (Dr. F. F. Pollock, chairman of building committee).

Architect—Not selected.

Working Drawings Ordered.

TEMPLE BLDG. Cost, \$250,000 SAN JOSE, Santa Clara Co., Cal. 3d and James Sts.

Three-story and basement reinforced concrete temple bldg.

Owner—San Jose Masonic Temple Association.

Architect—Carl Werner, Humboldt Bank Bldg., San Francisco.

Electrical Bids Opened.

MEMORIAL BLDG. Cost, \$350,000 SAN FRANCISCO. Lincoln Park. Class "A" memorial building.

Owner—Legion of Honor (C. H. of Mr. and Mrs. A. B. Spreckels).

Architect—G. A. Applegarth, Claus Spreckels Bldg., San Francisco.

Contractor—R. McLeran Co., Hearst Bldg., San Francisco.

Electrical Work

Decker Elec. Co.	\$43,296
Newbery Elec. Co.	43,932
M. E. Ryan	46,152
Butte Elec. & Eng.	47,744
Butte Elec. & Mfg. Co.	48,116
V. Lemore	48,393
Cal. Elec. Constr. Co.	49,532
A. C. Reed	52,362

WEAVERVILLE, Trinity Co., Cal.—Hart Construction Co., Gerber, at \$17,700, awarded contract to construct soldiers' memorial hall in Weaverville.

SAN FRANCISCO—The Masonic Home Association has awarded a contract to Jos. J. Burdon, 1426 Macdonald Ave., Richmond, for painting the new buildings now being constructed at the Masonic Home in Decoto. Alameda County, Wm. Mooser, Nevada Bank Bldg., is the Architect.

HOSPITALS

Plans Being Prepared.

HOSPITAL BLDGS. Cost, \$— LOS ANGELES, Los Angeles Co., Cal. NW Washington St. and Maple Ave. Group of hospital buildings.

Owner—University Hospitals & Clinic

Cptn. (Dr. R. B. Jenkins, 742 Citizens National Bank Bldg., Los Angeles, Secretary).

Architect—Herbert C. Howard, 619 Broadway Central Bldg., L. A.

Contractor—Universal Constr. & Bldg. Cpn., Union Bank Bldg., Los Angeles.

The buildings will include the main hospital, clinic building, nurses' home and boiler plant. The main building will be six stories and part seven story; H-shaped, 230x100 ft. extreme dimensions. It will provide accommodations for 230 beds; steel frame, reinforced concrete construction, stucco exterior, cast stone trim, marble and tile work, 3 elevators, 5 major and 5 minor operating rooms, steam heating, sterilizing equipment, vacuum cleaning.

Plans to Be Prepared.

COTTAGES FOR CHILDREN'S OUT-DOOR FARM. Cost, \$—

LIVERMORE, Alameda Co., Cal. 45 acres adjoining Arroyo Sanitarium, Cottages, swimming pool, tennis courts, etc., for Children's Outdoor Farm. Owner—Alameda County Anti-Tuberculosis Association, 3105 Grove St., Oakland.

Architect—Henry H. Meyers, Kohl Bldg., San Francisco.

The property has just been purchased and will be known as the "Del Valle Farm," to be used as an outdoor farm for under-nourished children, to prevent tuberculosis.

DINUBA, Tulare Co., Cal.—Dr. Paul R. Walters is backing a movement to form a company to finance the erection of a \$50,000 hospital.

OAKLAND, Cal.—Until Sept. 5, 10 A. M., bids will be received by Geo. E. Gross, County Clerk, to alter and construct additions to the Isolation Ward, etc. (Frame and shingle construction, estimated cost, \$35,000), together with estimated cost of the works at the County Hospital. See call for bids under official proposal section in this issue.

REDWOOD, San Mateo Co., Cal.—The following bids were received on Aug. 7 by Elizabeth Nash, county clerk, for hardware, incinerator, painting, elevator and linoleum for County Hospital building, and for the construction of a one-story frame tubercular pavilion at Beresford. Will H. Toepke, architect, 742 Market St., San Francisco.

John McClanahan	\$6640
John Morton	6950
Barrett & Hilp	7604

Bids taken under advisement until Aug. 14th. Estimate, \$4500.

Hardware for County Hospital
Barrett & Hilp, San Francisco, Russell Erwin Locks, \$11,482; Coburn, \$12,060; Lockwood, \$11,825. Bids rejected.
Sterilizing Equipment, etc.
J. J. McLeod, San Mateo, \$7648.00
J. F. McGowan 7818.00
Wilmont Castle Co. (sterilizer only) 3,473.16

Bids under advisement until Aug. 14

Painting County Hospital
D. Zelinsky & Son, 150 Jessie St., San Francisco \$ 8,175
R. Zelinsky 8,872
F. Kissel 9,616
Craemer Bros. 10,745
Barrett & Hilp 10,630

Contract awarded to D. Zelinsky.

Elevators for County Hospital
Otis Elevator Co., S. F. \$5435
Spencer Elevator Co., S. F. 5762

Awarded to Otis Elevator Co.

Linoleum
D. N. & E. Walter Co., S. F., \$5,580.95

Taken under advisement until Aug. 14.

HOTELS

Contract Awarded—Sub-Figures to be Taken Shortly.

HOTEL. Cost, \$450,000 SAN FRANCISCO. N Sutter St. 137-6 W Taylor St.

Ten-story and basement reinforced concrete 200-room hotel and one-story and basement store building (six stores).

Owner—Geo. D. Smith, 735 Taylor St., San Francisco.

Architect—Kenneth MacDonald and Maurice Couchot, 234 Pine St., San Francisco.

Contractor—Clinton Construction Co., 146 Townsend St., San Francisco.

Plans Being Prepared.

HOTEL. Cost, \$180,000 LOS ANGELES, Los Angeles Co., Cal. Second and 11th Sts. Four-story brick hotel (180 rooms). Owner—J. L. Anderson, Broadway Central Bldg., Los Angeles. Architect—Noerenberg & Johnson, L. A. Ry. Bldg., Los Angeles.

Plans to Be Prepared.

HOTEL, ETC. Cost, \$— Petaluma, Sonoma Co., Cal. Corner Washington and Kentucky Sts.

Two-story fireproof hotel and store building.

Owner—Hotel Co. of which D. W. Batchelor of Petaluma is Chairman.

Architect—Not Selected.

Plans Being Prepared.

HOTEL. Cost, \$— LOS ANGELES, Los Angeles Co., Cal. NW Pike and Wall Sts.

Three-story, 16-class brick hotel building, 82x100 (112 rooms and 27 bath rooms).

Owner—Lloyd & Casler.

Architect—C. C. Rittenhouse, Wilcox Bldg., Los Angeles.

Figures to be Taken Next Week.

HOTEL, ETC. Cost, \$150,000 SAN LUIS OBISPO, San Luis Obispo Co., Cal. Montgomery and Morro Streets.

Five-story and basement reinforced concrete store and hotel building.

Owner—J. L. Anderson.

Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.

MONROVIA, L. A. Co., Cal.—William H. Culver, theater owner, residing in Monrovia, and Melvin DuMond, local artist, are back of a movement to build an unusual type of hotel on the summit of Gold Hill, back of Monrovia, and overlooking the San Gabriel Valley. The structure will be modeled on cliff dwelling remains and will be true to type, including ladders for approach. It is expected that over \$100,000 will be expended on this project. The designs will be prepared by Mr. Du Mond.

PUBLIC BUILDINGS

SAN JOSE, Santa Clara Co., Cal.—M. G. West Company, 115 Front St., San Francisco, at \$6920, awarded contract by county supervisors for furnishing and delivering metal furniture in various offices in the courthouse and Hall of Records. Other bids were: Schwabacher & Frey Stationery Co. fireproof safe, \$527; Jamestown Metal Desk Co. metallic equipment and safe, \$734; the Steel Fixture Mfg. Co., steel equipment, \$646-\$614.20; the Safe-Cabinet Co., safe, \$646-\$614.20; safe \$497, A. A. Label safe \$558, "A" Label safe \$585, "A" Label safe \$599, metallic equipment \$322; Rucker & Fuller Desk Co., safe, \$485.

BAKERSFIELD, Kern Co., Cal.—C. F. Welch Co., 485 Market St., San Francisco, at \$1400, submits low bid to city council to install steel filing cabinets in city clerk's office. Other bids: West Co., \$1968; Sweetser & Baldwin, \$1734; Rucker-Fuller Desk Co., \$2335. Taken under advisement.

OAKLAND, Cal.—Until Aug. 17, 4 P. M., bids will be received by J. B. Nash, secretary, Department of Commission, 404 City Hall, for furnishing and delivering to Recreation Department lumber and hose required for fiscal year ending June 30, 1923. Bond of \$500 required of successful bidder.

SAN FRANCISCO—The Supervisors will authorize the Board of Public Works to call bids to install steel curtains in the Municipal Auditorium for the improvement of the acoustics. Approximately \$25,000 is available for this work.

RESIDENCES

Contract Awarded.
RESIDENCE & GARAGE. Cost, \$11,583
OAKLAND, Alameda Co., Cal. Lot 12,
block 1, Highland Subdivision,
Adams Pt. Ppty.
Two-story and basement frame residence
and garage.
Owner—Eva M. Hamilton.
Architect—Chas. W. McCall, Central
Bank Bldg., Oakland.
Contractor—Emil Person, 1933 E. Do-
rado, Berkeley.

Plans Being Figured.
RESIDENCE. Cost, \$15,000
SAN FRANCISCO Divisadero & Union
Sts.
Two-story and basement frame and
stucco residence (10 rooms, 2 bath-
rooms and garage).
Owner—Mrs. Margaret Butler.
Architect—August G. Headman, Call
Bldg., San Francisco.

Owner Taking Figures.
RESIDENCE. Cost, \$25,000
BURLINGAME, San Mateo Co., Cal.
Two-story frame and stucco country
residence.
Owner—Geo. P. Paine, 1616 Chaplin,
Burlingame, Cal.
Architect—Louis M. Upton, 452 Mont-
gomery St., San Francisco.

Contract Awarded.
DWELLING. Cost, \$12,000
OAKLAND, Alameda Co., Cal. W. Un-
derhill Road.
Two-story 3-room frame dwelling.
Owner—J. D. Steigen, 128 13th St.,
Oakland.
Architect—None.
Contractor—H. M. Barnett, 691 Wesley
Ave., Oakland.

Contract Awarded.
RES. & GARAGE. Cost, \$18,864
SAN JOSE, Santa Clara Co., Cal. The
Alameda.
Two-story frame and plaster residence
and garage with tile roof.
Owner—Warren Pomeroy.
Architect—Chas. S. McKenzie, Bank of
San Jose Bldg., San Jose.
Contractor—J. E. Perkins, 1652 E.
Santa Clara St., San Jose.
This contract does not include the
steam heating system, for which bids
will be taken later.

Plans Being Figured.
RESIDENCE. Cost, \$10,000
SAN FRANCISCO Thirty-second Ave.,
Near California.
Two-story and basement frame resi-
dence (6 rooms).
Owner—L. Cerf, 867 Market St., San
Francisco.
Architect—Ernest H. Hildebrand, 110
Sutter St., San Francisco.

Contract Awarded.
DWELLING. Cost, \$10,000
FRESNO, Fresno Co., Cal. 844 North
Van Ness Ave.
Frame dwelling.
Owner—George Fathy, 2633 Mariposa
St., Fresno.
Architect—None.
Contractor—L. R. Cone.

Plans Being Prepared.
RES. & GARAGE. Cost, \$6500
SAN FRANCISCO
One-story and basement frame resi-
dence (6 rooms and garage).
Owner—Withheld.
Architect—Albert Fabre, 110 Sutter St.,
San Francisco.

SCHOOLS

Plans Being Figured—Bids Close Aug.
11, 1922.
ADDITION. Cost, \$5,000
NEWCASTLE, Placer Co., Cal.
One-story tile and concrete addition
to present school (interlocking
terra cotta tile).
Owner—Newcastle Grammar School
District.
Architect—Frederick S. Harrison,
Peoples Bank Bldg., Sacramento.

Contract Awarded on Cost-Plus Basis.
DORMITORY. Cost, \$400,000
PALO ALTO, Santa Clara Co., Cal. Uni-
versity Grounds.
Two and three-story reinforced con-
crete dormitory building.
Owner—Leland Stanford Jr. University.
A. E. Roth, Comptroller.
Architect—Bakewell & Brown, 251
Kearny St., San Francisco.
Contractor—Geo. Wagner, 251 Kearny
St., San Francisco.

Contract Awarded on a Cost Plus Basis.
DINING HALL. Cost, \$200,000
PALO ALTO, Santa Clara Co., Cal. Uni-
versity Grounds.
One-story reinforced concrete dining
hall building (10 dining rooms con-
nected by arcades).
Owner—Leland Stanford Jr. Uni-
versity.
Architects—Bakewell & Brown, 251
Kearny St., San Francisco.
Contractor—Geo. Wagner, 251 Kearny
St., San Francisco.

General Contract Awarded.
SCHOOL BLDG. Cost, \$60,000
CONCORD, Contra Costa Co., Cal.
One-story frame or hollow tile school
building (10 classrooms and audi-
torium).
Owner—Concord Grammar School Dist.
Architect—Francis W. Reid, East St.,
Concord.

General Contract awarded to L. V.
Perry, Concord, \$29,710
The other contracts have not been
awarded, but will probably be awarded
to the lowest bidders.

Contract Awarded.
SCHOOL. Cost, \$119,207
STOCKTON, San Joaquin Co., Cal. Bur-
kett Acres.
Class C 13-room and assembly hall
school (Theo. Roosevelt School)
(corridors to be of Class A con-
struction).
Owner—City of Stockton.
Architect—Franklyn E. Warner, Beld-
ing Bldg., Stockton.
Contractor—Shepherd & Riley, Yose-
mitte Bldg., Stockton.

Heating awarded to Miller Hays Co.,
123 North California St., Stockton.

Contract Awarded.
SCHOOL. Cost, \$56,941
STOCKTON, San Joaquin Co., Cal.
North School.
Brick, frame and concrete addition to
school.
Owner—City of Stockton.
Architect—Davis - Heller - Pearce Co.,
Delta Bldg., Stockton.
Contractor—R. W. Moller, Call Bldg.,
San Francisco.

Heating awarded to Miller-Hays Co.,
Stockton, at \$11,500.

Plans to be Prepared.
SCHOOL. Cost, \$60,000
STOCKTON, San Joaquin Co., Cal.
Southeast Section of City.
Brick, frame and concrete 8-room
primary school.
Owner—City of Stockton.
Architect—Not Selected.

Contract Awarded.
ALTERATIONS, ETC. Cost, \$22,314
STOCKTON, San Joaquin Co., Cal.
Construct shop and alter gymnasium.
Owner—City of Stockton.
Architect—Louis L. Stone, Belding
Bldg., Stockton.
Contractor—Shepherd & Riley, Yose-
mitte Bldg., Stockton.

Plans Being Figured—Bids Close Aug.
21, 1922, 2 P. M.
SCHOOL BLDGS. Cost, \$65,000
OROSI, Tulare Co., Cal.
Physical Education building, Manual
Arts building and Science building,
brick construction.
Owner—Orosi Union High School Dis-
trict.
Architect—Ernest J. Kump Co., 297-8
Rowell Bldg., Fresno.

See call for bids under official pro-
positional section in this issue.

Contract Awarded.
SCHOOL. Cost, \$34,400
CHICO, Butte Co., Cal. Four miles
North of Chico.
Four-room reinforced concrete school.
Owner—Shasta Union School District.
Architect—Chester Cole, Chico.
Contractor—Polk & Evans, Chico.

Contracts Awarded.
SCHOOLS. Cost, \$—
GILROY, Santa Clara Co., Cal.
One-story 6-room frame and stucco
Junior High School and a 14-room
frame and stucco Elementary
School.
Owner—Gilroy School District.
Architect—Wyckoff & White, Growers'
Bank Bldg., San Jose.
General Contract Elementary School
awarded to E. Nommensen, 19th So.
5th St., San Jose, at \$75,564, using
composition roofing and maple
flooring.

Heating and Ventilating Elementary
Using Pacific Steel Boilers, to La-
tourrette - Fical Co., 2761 Sacra-
mento Blvd., Sacramento, \$12,616;
plumbing to same \$4620.

General Contract, Junior High School,
to E. Nommensen, at \$38,704.
Heating, to Latourrette - Fical Co.,
\$3250.

Plumbing to Latourrette - Fical Co.,
\$2475.

Plans Being Figured—Bids Close Aug.
21, 1922, 8 P. M.
SCHOOL. Cost, \$35,000
BRENTWOOD, Contra Costa Co., Cal.
One-story frame and plaster school.
Owner—Brentwood Grammar School
District (Chas. A. French, Clerk).
Architect—Jas. T. Narbett, 910 Mac-
donald Ave., Richmond.

Figures are being taken for a gen-
eral contract with separate bids for
the heating. Plans may be obtained
from the architect on a deposit of
\$10.

Figures to be Called for in About 10
Days.
SCHOOL. Cost, \$48,000
SAN LORENZO, Alameda Co., Cal.
One-story frame school (6 rooms and
an auditorium).
Owner—San Lorenzo School District.
Architect—Henry C. Smith, Humboldt
Bank Bldg., San Francisco.

Plans Being Figured—Bids Close Aug.
25, 1922, 2:30 P. M.
HEATING SYSTEM. Cost, \$—
EXETER, Tulare Co., Cal. Complete
high school building.
Owner—Exeter High School District.
Architect—W. H. Wees, 369 Pine St.,
San Francisco.

Plans Being Figured—Bids Close Sept.
2, 1922 at 2 P. M.
SCHOOL. Cost, \$44,000
MORGAN HILL, Santa Clara Co., Cal.
One-story frame and plaster school.
Owner—Morgan Hill Grammar School
District.
Architect—W. H. Weeks, 369 Pine St.,
San Francisco.

Plans may be obtained from the ar-
chitect's office.

DENAIR, Stanislaus Co., Cal.—Until
August 18, 8 P. M. bids will be received
by B. L. Barnett (Rt. 1, Box 5, Denair)
for Denair School District, (1) to
construct addition to school; (2) to close
corridor arches in same building. Sepa-
rate bids are wanted for (a) carpenter
work and general construction; (b)
electric wiring and fixtures; (c) plumb-
ing, heating and ventilating; (d) paint-
ing. See call for bids under official
propositional section in this issue.

LOS MOLINAS, Tehama Co., Cal.—
Until August 19, 1:30 P. M., bids will
be received by T. M. Tingley, Clerk, to
construct grammar school; septic
tank and drainage system; Chester
Cole, Architect, Waterland-Breslawer
Bldg., Chico. Bonds to the amount of
\$30,000 have been sold. See call for
bids under official propositional section
in this issue.

CHICO, Butte Co., Cal.—Plans for re-
modeling the Bixel mansion to be
used as a dormitory for students at-
tending the Chico State Teachers Col-
lege, are well under way, according to
a statement made by C. M. Owenbaugh
of the college. Rooms are to be pre-
pared for the housing of between fifty
and sixty girls, it was stated. The
work will be completed by the time the
fall session opens, September 11, it was
stated.

OILDALE, Kern Co., Cal.—Until August 18, 7:30 P. M., bids will be received by H. E. Sheehan, Clerk, Standard School District, to construct a three-room addition to the school. J. M. Saffell, Architect, 924 19th St., Bakersfield. See call for bids under official proposal section in this issue.

LIVE OAK, Sutter Co., Cal.—Bids were opened on August 7th, by the Board of Trustees of the Live Oak Grammar School District, to construct a new school building from plans prepared by Architect W. H. Weeks, 369 Pine street, San Francisco. Bids are taken under advisement until August 14th. Bids were taken on various propositions the three main ones being as follows. (1) Brick veneer; (2) hollow tile and cement plaster; (3) metal lath and stucco. Campbell Constr. Co., Sacramento (1) \$44,666; (2) \$42,600; (3) \$42,042. Herndon & Finnigan, Sacramento (1) \$46,850; (2) \$46,191; (3) \$44,258. R. W. Nollan, San Francisco (1) \$48,871 (2) \$46,923; (3) \$47,300. John Morton, San Francisco (1) \$51,000 (2) \$50,380; (3) \$48,604. Geo. J. Tolson, (1) \$55,804; (2) \$56,234; (3) \$50,536. M. C. Vaughn, Oakland (1) \$56,730; (2) \$54,340; (3) \$52,500. Heating—Steam System (Alternate Add for Oil Burner) Booth & Herberth, Marysville, \$3860 \$795. Hately & Hately, Sacto., 4255 740. Latourrette-Fical Co., Sacto 4500 506. Carl T. Doell, Oakland, 4506 78. Scott Co., 4680 820. Luppen-Halley & Thing, Sacto 4997 696.

FRESNO, Fresno Co., Cal.—Until August 22, 3 p. m., bids will be received by Ivaan B. Williams, clerk, Alameda School District, to construct 1-room frame addition to school. Ernest J. Kump Co., architects, Rowell Bldg., Fresno. See call for bids under official proposal section in this issue.

ORLAND, Glenn Co., Cal.—Until Aug. 16, 2 P. M., bids will be received by Mrs. Sarah King, acting clerk, Orland Joint High School District for furnishing and installing the window shades and the linoleum for the John L. Shearer and Lincoln grammar schools. Mr. Lisher's bid of \$4937.25 was the only one submitted.

NAPA, Napa Co., Cal.—The Lisher Furniture Company has been awarded the contract by the school trustees for furnishing and installing the window shades and the linoleum for the John L. Shearer and Lincoln grammar schools. Mr. Lisher's bid of \$4937.25 was the only one submitted.

PALO ALTO, Santa Clara Co., Cal.—Christensen & Anderson, 167 Hamilton Ave., Palo Alto, at \$2030, awarded contract by Board of Education for plumbing alterations in intermediate school. Cashel Bros., Emerson St. and Homer Ave., Palo Alto, \$2100, only other bidder.

ARBUCKLE, Colusa Co., Cal.—Bids were received on Aug. 8th by the Board of Trustees of the Arbuckle Union Grammar School District for the construction of a one-story brick and reinforced concrete school building to contain six classrooms and an auditorium. Jens C. Petersen, People's Bank Bldg., Sacramento, is the architect. The general contract was awarded to Herndon & Finnigan, 1015 1/2 10th St., Sacramento, and the mechanical equipment was awarded to Latourrette-Fical Company, 2761 Sacramento Blvd., Sacramento, at \$11,500.

GENERAL CONTRACT

Herndon & Finnigan	\$60,040
E. D. Brier	62,775
J. L. Webster	63,335
E. L. Younger	64,000
William Felt	64,293
Betz & Mabrey	65,544
Wm. Murrell	66,040
McGillivray Constr. Co.	66,800
H. W. Robertson	69,800

MECHANICAL EQUIPMENT
Latourrette-Fical Co., \$11,500.
Hately & Hately, Scott, Lyman & Stack, Luppen, Hawley & Thing, and the Hunter Plumbing & Elec. Co. also submitted bids on the mechanical equipment, but were all about \$100 higher than Latourrette - Fical Co.

FIREFIGHT, Fresno Co., Cal.—Until Aug. 21, 7 P. M., bids will be received by Mrs. F. E. Sellers, Clerk, Firebaugh Grammar School District, to construct new garage and shop buildings. Anton Johnson, Architect, Kingsburg. See call for bids under official proposal section in this issue.

CUTLER, Tulare Co., Cal.—Until Aug. 21, 10 a. m., bids will be received by J. P. O'Neal, Clerk, Cutler School District, to construct two-room addition to present school. Ernest J. Kump Co., architects, Rowell Bldg., Fresno. See call for bids under official proposal section in this issue.

MOSCOW, Idaho—L. F. Parsons backs movement to organize Idaho Building Association, to be composed of Moscow businessmen, to finance erection of two 100,000 dormitories on University grounds.

FRESNO, Fresno Co., Cal.—Until Aug. 23, 10 a. m., bids will be received by A. L. McKnight, clerk, Pomona School District, to construct 3-room frame school. Ernest J. Kump Co., architects, Rowell Bldg., Fresno. See call for bids under official proposal section in this issue.

EUCLYD, Ore.—Ellis F. Lawrence, dean of School of Architecture, University of Oregon, preparing specifications to replace buildings destroyed by fire. Work consists of completing architectural quadrangle on north side of campus with building of fine arts and normal arts. Estimated cost, \$70,000.

CHICO, Butte Co., Cal.—J. L. McLaughlin, 251 Kearny St., San Francisco, at \$37,900, submitted lowest bid to Shasta Union School District to construct 4-room reinforced concrete school. Other bids were: Betz & Mabrey, Sacramento, \$49,947; T. H. Polk, Chico, \$37,947; White & Shalz, Chico, \$29,887; Wheeler & Greiner, Corning, \$39,365. Chester Cole, Waterland-Breslerau Bldg., Chico, architect.

ANTIOCH, Contra Costa Co., Cal.—The board of trustees of the Riverview Union High School District in Antioch received bids on Aug. 7 for installing a steam heating system (American Radiator Co.'s boiler) in the high school building. Plans were prepared by Louis R. Stone, architect, Beeding Bldg., Stockton. The contract was awarded to Thomas Kennedy of Martinez. Following is a complete list of the bids:

Thomas Kennedy	\$1655
Stockton Plumbing Supply Co.	1758
Carl T. Doell	1766
Scott Co.	2000
W. K. Nottingham	2800

FRESNO, Fresno Co., Cal.—Irwin & Hopkins, Fresno, at \$4490, awarded contract by Washington Union High School District to construct two frame classroom buildings. Other bids: H. Grant, Fresno, \$6000; Martin Constr. Co., \$1744; Fisher & McNulty, \$7642; W. F. Jennings, \$5787, last three named bidders, Fresno. Swartz & Ryland, architects, Rowell Bldg., Fresno.

A. E. Leitch Fred Clark

CLARK & LEITCH

ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST. SACRAMENTO

Phone Main 726

CONCORD, Contra Costa Co., Cal.—Bids were opened on Aug. 7th by the Board of Trustees of the Concord Grammar School District in Concord for the construction of a one-story frame, hollow tile or concrete school building from plans prepared by Architect Francis W. Reid, East St., Concord. Bids were taken under advisement to decide the type of construction to be used. Bids were taken as follows:

- (a) Hollow tile; (b) frame; (c) concrete construction; (d) hollow tile building complete; (e) frame building complete; (f) concrete building complete.

L. V. Perry (a)	\$29,710, (b) \$27,100; Earl Hibbard (a)	\$33,500, (b) \$30,375; West Coast Constr. Co. (a)	\$35,932, (b) \$33,523, (c) \$38,932; W. G. McGinty & Sons (a)	\$34,277, (b) \$31,919, (c) \$33,521, (d) \$33,989, (e) \$56,833, (f) \$58,886; M. I. Rose (a)	\$55,979, (b) \$35,080, (c) \$33,970, (d) \$70,609, (e) \$68,179, (f) \$70,609.
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Painting

A. C. Saravia (Benicia)	\$1679
E. E. Burgess	2148

Electrical Work

E. A. McGinty (a)	\$1540, (b) \$1425.
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Plumbing

E. T. Brady	\$3795.00
W. K. Nottingham	3848.00
C. T. Doell	4660.00
A. W. Vargus	4687.20
F. C. Williams	4300.00

Heating and Ventilating

Thomas J. Kennedy	\$8600.00
W. K. Nottingham	\$858.80
C. T. Doell	8622.00
F. L. Warner	9093.00

Sheet Metal

A. W. Vargus	458.60
C. T. Doell	\$1381.00

Blackboards

W. C. Weber Co.	\$1150
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GILROY, Santa Clara Co., Cal.—Bids were opened on Aug. 14 by the Board of Trustees of the Gilroy School District for the construction of a one-story six-room frame and stucco Junior High School building and a four-teen-room frame and stucco elementary school building from plans prepared by Architects Wyckoff & White, Growers' Bank Bldg., San Jose. All bids were taken under advisement.

General Contract—Elementary School
E. Nommensen, 19 So. Fifth St., San Jose, (1) \$80,624, (2) \$73,964, (3) \$81,324, (4) \$82,725.

Sample—Elementary School

Charles Stockholm & Sons (1)	\$86,000, (2) \$85,000, (3) \$91,800, (4) \$93,000.
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Wm. Radke, Gilroy, (1) \$88,930, (2) \$82,900, (3) \$89,640, (4) \$91,100. A. Ward & Jones, San Francisco, (1) \$90,488, (2) \$88,829, (3) \$90,703, (4) \$92,316.

C. L. Wold, San Francisco, (1) \$92,900, (2) \$87,200, (3) \$93,200, (4) \$95,000.

Heating and Ventilating and Element—

Latourrette - Fical Co., Sacramento, (1) \$10,673, (2) \$700, (3) \$2400, (4) \$710, (5) \$11,270, (6) \$780, (7) \$555, (8) \$720.

Scott Co., San Francisco, (1) \$11,780, (2) \$720, (3) \$3000, (4) \$755, (5) \$12,160, (6) \$640, (7) \$425, (8) \$695.

Chappell Co., Gilroy, \$5795.
J. E. O'Mara, 12,683

Plumbing—Elementary School
Latourrette - Fical Co., (1) \$4620, (2) \$600.

Robinson Hardware Co., Gilroy, \$5008

J. Muckle, Gilroy, \$5127.
Serpa, \$5447.

Junior High School—General Contract
E. Nommensen, (1) \$40,779, (2) \$38,054, (3) \$41,000, (4) \$41,429.

A. W. Bigger, (1) \$42,290, (2) \$39,668, (3) \$42,515, (4) \$43,187, (5) \$42,290.

Wm. Radke, (1) \$42,783, (2) \$46,086, (3) \$42,898, (4) \$43,437, (5) \$42,533.

Ward & Jones, (1) \$44,555, (2) \$41,833, (3) \$45,230, (4) \$45,345, (5) \$44,327.
 Charles Stockholm & Son, (1) \$45,921, (2) \$42,160, (3) \$46,350, (4) \$47,450.
 C. L. Wold, (1) \$47,500, (2) \$44,900, (3) \$48,175, (4) \$48,200, (5) \$47,200.

Heating High School

Latourrette-Fical Co., \$3256
 Scott Co., 3360
 F. J. Enright, 3400
 J. E. O'Mara, 3477
 F. L. Warner, 3524
 W. K. Nottingham, 3985

Plumbing—High School

Latourrette-Fical Co., (1) \$2475, (2) \$390.
 J. Muckle, (1) \$3095.
 Chappell Co., (1) \$3700.
 Robinson Hardware Co., (1) \$3124.

MADERA, Madera Co., Cal.—Miller & Little, Madera, at \$35,529, awarded contract for school improvements, as follows: Manual arts and domestic science building for Lincoln grammar school, \$17,703; 2-room school at Austin and South Sts., \$13,911; 1-room addition to Pershing school, \$3914. Ernest J. Kump Co., architects. Rowell Bldg., Fresno.

PASADENA, Los Angeles Co., Cal.—Architects Allison & Allison, Hibernian Bldg., Los Angeles, have been commissioned to prepare plans for a 2000-odd school group at Lincoln Ave. and Wyoming St., Pasadena, to include 600-800 seat elementary school, open air school, and a 24-hour school. It will be known as the Opportunity School. Only study sketches will be made at this time, other plans to follow the sale of the bonds.

STORES AND OFFICES

Contract Awarded.
 CAFETERIA ALTERATIONS. \$10,000
 SAN FRANCISCO. 25 Mason St.
 Alterations for cafeteria—3 elev. elevators, kitchen, etc.
 Owner—Sunset Cafeteria, 40 O'Farrell St., San Francisco.
 Architect—None.
 Contractor—A. S. Gough, 623 Minna St., San Francisco.

Segregated Figures Being Taken.
 OFFICE BLDG. Cost, \$100,000
 BERKELEY, Alameda Co., Cal. SW. Channing Way and Telegraph Ave.
 Four-story Class C physician's office building (21 suites and 2 sun parlors).
 Owner—Rae Jaffe.
 Architects and Managers of Construction—McWethy & Greenleaf, Albany Bldg., Oakland.
 Each suite will contain a waiting

room, nurses' room, consultation room, treatment room, dressing room and lavatory. All modern equipment for doctors' offices will be installed.

Contract Awarded.
 STORE BLDG. Cost, \$11,413
 FRESNO, Fresno Co., Cal. Lots 17 and 18 Elk St.
 One-story brick store building.
 Owner—Abbie W. Parker.
 Architect—None.
 Contractor—Howard Dickey, 150 Howard St., Fresno.

Plans Being Prepared.
 BUSINESS BLOCK Cost, \$15,000
 SANTA ROSA, Sonoma Co., Cal. Fifth St. bet. Mendocino and D Sts.
 One-story reinforced concrete business block, 80x100.
 Owner—J. S. Taylor (Lessee)—Marlow & Corrick, Stationer; Mr. Borck, Wholesale Candyman).
 Architect—Mr. Reese, care J. Kuykendahl, Exchange Bank Bldg., Santa Rosa.

Sub-Contracts Awarded—Taking Bids for Mill Work, Brick Work, Plastering, etc.
 OFFICE BLDG. Cost, \$400,000
 OAKLAND, Alameda Co., Cal. NE 19th and Franklin Streets.
 Eight-story and basement reinforced concrete building to be known as the "Physicians' Building."
 Owner—Dr. Robert Dunn.
 Architect—Willis C. Lowe, 782 Monadnock Bldg., San Francisco.
 Contractor—P. A. Palmer, 782 Monadnock Bldg., San Francisco.
 Iron Work to Pacific Iron Works, 1155 67th St., Oakland.
 Plumbing to Scott Co., 381 11th St., Oakland.
 Heating to R. Dalziel, 218 First St., San Francisco.
 Terra Cotta to N. Clark & Sons, 116 Natoma St., San Francisco.
 Glass to Cobbledick-Kilbe Glass Co., 175 Jessie St., San Francisco and 307 Washington St., Oakland.
 Electrical Work to C. C. Severin, 185 Stevenson St., San Francisco.

Contract Awarded.
 STORE BLDG. Cost, \$15,000
 RICHMOND, Contra Costa Co., Cal. SW. Nevin Ave. and Eighth St.
 One-story hollow tile store building (2 stores).
 Owner—Robert A. Read care Read's Dry Goods Store, 730 Macdonald Ave., Richmond.
 Architect—Jas. T. Narbeth, 910 Macdonald Ave., Richmond.
 Contractor—P. M. Sanford, 654 1st St., Richmond.

James Walker has secured the contract for the brick and iron work; A. H. Winchcole was awarded the plastering contract, and John I. Collins will do the sheet metal and plumbing work.

Plans Being Prepared—Contract

Awarded.
 OFFICE BLDG. Cost, \$1,500,000
 SAN FRANCISCO, Cal. NE. Sutter and Powell.
 Seventeen-story and basement Class A Physicians' Office Bldg., 85x137.6.
 Owner—Robert Lee Dunn, New York.
 Architect—J. R. Miller, Lick Bldg., San Francisco.
 Contractor—P. A. Palmer, Monadnock Bldg., San Francisco.
 The present one-story structure will be torn down and construction started in about four months.

Plans Being Figured—Bids Close Aug. 14, 1922.
 OFFICE BLDG. Cost, \$—
 SAN FRANCISCO, NE Sutter and Leavenworth Sts.
 Five-story steel frame Class B physicians' office building.
 Owner—Incorporation of Doctors.
 Architect—Alfred I. Coffey, Humboldt Bank Bldg., San Francisco.
 Figures are being taken for a general contract.

Plans Being Prepared.
 OFFICE BLDG. Cost, \$—
 PASADENA, Los Angeles Co., Cal. South Pasadena.
 Two-story brick bank, office and apartment building, 60x100.
 Owner—Security Trust & Svcs. Bank.
 Architect—John & Donald B. Parkinson, 420 Title Ins. Bldg., Los Angeles.

Plans Being Prepared.
 STORE BLDG. Cost, \$100,000
 FRESNO, Fresno Co., Cal. J St., south of Tuolumne.
 Three-story and basement concrete store building.
 Owner—Hugh Sparkman.
 Architect—L. M. Barker Furniture Co.
 Architect—Not given.

Plans Being Completed.
 OFFICE & STORE BLDG. \$600,000
 FRESNO, Fresno Co., Cal. NW. J and Tuolumne Sts.
 Ten-story fireproof office and store building, 75 by 150.
 Owner—San Joaquin Light & Power Corp., Fresno, Cal.
 Architect—R. F. Felchlin Co., Bank of Italy Bldg., Fresno, Cal.
 Entire first floor will be occupied by Valley Electrical Supply Company.

THEATRES

SAN FRANCISCO—Oliver Morosco is planning to erect a motion picture theatre in this city to cost \$1,000,000. The architect's name and location has not been announced.

SUBSCRIPTION BLANK

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192

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Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for \$4.00

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BUY IT FROM THE NAVY

On September 7, 1922.

6,917,410 Board Feet of Unused Lumber

Consisting of approximately:

36,200 ft. Ash, white
1,964 ft. Bass
545,500 ft. Beech, Birch and Maple
76,700 ft. Butternut
1,740,000 ft. Cedar
129,000 ft. Cypress
1,119,300 ft. Douglas Fir
23,000 ft. Hickory
2,846 ft. Mahogany
1,253,800 ft. Oak
1,181,700 ft. Pine
6,000 ft. Poplar
62,000 ft. Redwood
427,100 ft. Spruce
3,000 ft. Walnut

NOTE: The above dimensions are given in board measure. The lumber runs in various thickness, widths and lengths.

40,000 lbs. Guyacan, 12-in. diam. and up.

75,545 lbs. Lignum Vitae, in logs and shapes.

8,500 Spruce Laths, Size $\frac{1}{2}$ x $1\frac{1}{4}$ x 4-1/2.

28,550 Juniper Poles, 5-12-in. butts, 25-50 ft. long.

75 Hickory Posts, 6-8-in. diam. 6-10 ft. long.

1,280 Hackmatack Knees, various sizes and degrees.

Full descriptions and locations of this lumber, also the terms of sale, are given in Cat. 124-B, which may be obtained on request and inspection arranged for, by communicating with any of the following:

Supply Officers at Navy Yards or Naval Stations indicated by (P).

(1) Portsmouth, N. H.

(2) Philadelphia, Pa.

(3) Charleston, S. C.

(4) Boston, Mass.

(5) Norfolk, Va.

(6) Key West, Fla.

(7) Mare Island, California.

(8) Puget Sound, Wash.

(9) Newport, R. I.

(10) Naval Air Station, Pensacola, Fla.

(11) Naval Training Station, Great Lakes, Ill.

(12) Submarine Base, New London, Conn.

(13) Board of Survey, Appraisal and Sale, Navy Supply Depot, So. Brooklyn, N. Y.

U. S. Navy Sales Representatives

(14) 215 Westminister Bldg., Chicago, Ill.

(15) 822 Shipping Board Bldg., New York, N. Y.

Bids must be in the form given in the above Cat. 124-B, and should be plainly marked and addressed to the office designated below, where they will be publicly opened at

11 A. M. (Standard Time), 7 Sept. 1922.

U. S. NAVY CENTRAL SALES OFFICE, NAVY YARD, WASHINGTON, D. C.

NOTICE TO CONTRACTORS

(Cutter School Addition, Estimated Cost, \$15,000)

Notice is hereby given that the Board of Trustees of the Cutter School District, Tulare County, California, will receive sealed bids for the furnishing of all labor and materials necessary in the erection and completion of a two-room addition to present school building, according to plans and specifications prepared for same by the ERNEST J. KUMP CO., Architects, of the City of Fresno, and in strict accordance with bids and alternates asked for in specifications.

Said sealed bids will be received up to and including 10 A. M. of the 21st day of August, 1922, by the undersigned, Clerk of the Board, at the town of Cutler, County of Tulare, State of California.

Said sealed bids must be accompanied by a Certified Check in a sum equal to at least 10 per cent of the amount of bid to do the work mentioned and made payable to the undersigned, Clerk of the Board, as a guarantee that the bidder will execute proper contracts and bonds in case the contract is awarded to him by reason of his bid.

Plans and specifications can be obtained at the offices of the District's Architects.

All bids to be made out on blank forms furnished by the Architects.

The successful bidder will have to give a satisfactory bond in the sum of 50%, covering labor and materials, and an additional 20% bond for faithful performance of contract, as fully set forth in specifications.

The Board of Trustees as owners reserve the right to reject any or all bids or alternate bids or any part or parts of any bids or alternates received and reject the balance thereof. And to waive any informality in any bids or alternates received.

All bids to be addressed to J. P. O'NEAL, Clerk of Board of Trustees, Cutler School District, Tulare County, California.

BY ORDER OF SAID BOARD OF TRUSTEES:

J. P. O'NEAL,

Clerk of Board.

NOTICE TO CONTRACTORS

(Alameda County Hospital Additions)

Office of the Clerk of the Board of Supervisors, Alameda County, California.

Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County, at his office, until Tuesday, September 5th, 1922, at 10 o'clock A. M. (the day when said bids will be opened and the contract awarded) for the erection and completion of Additions and Alterations to the Isolation Ward, etc., located within the California Reformatory, Walks, at the County Hospital, near San Leandro, Alameda County, California.

Complete plans and specifications for work on file in the office of the County Clerk in the Hall of Records Building in Oakland where copies may be obtained by depositing twenty-five dollars. Contracts will be restricted as to the length of time these plans may be retained to ten days. Contractors failing to return said plans and specifications within said time limit will forfeit their deposit.

Each bid must be accompanied by a check for at least ten per cent of the amount of the bid or proposal, certified by some responsible bank, and made payable to Geo. E. Gross, Clerk of the Board, to be forfeited to the County of Alameda as agreed and liquidated damages should the party or parties failing to honor the contract be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the contract.

The Board reserves the right to reject any or all bids.

(Seal) GEO. E. GROSS, Clerk of the Board of Supervisors of the County of Alameda.

Dated: August 7, 1922.

NOTICE TO CONTRACTORS

(Los Molinos School)

Notice is hereby given that the undersigned as Trustees of the Los Molinos Grammar School District, Los Molinos, Tehama County, California, will receive up to and including 1:30 o'clock P. M. of Saturday, August 19, 1922, sealed bids for the construction of a Grammar School Building, also septic tank and drainage system, all to be on the property of the Los Molinos Grammar School District, Los Molinos, Tehama County, California, and in accordance to plans and specifications as prepared by Chester Cole, Architect, Chico, California.

Plans may be seen at the residence of J. M. Tingley, Los Molinos, California, Clerk of the Board of Trustees of the Los Molinos Grammar School, or at the architect's office, Chico, California.

Each bid shall be accompanied by a check certifying to a responsible bank for the amount of 10 per cent of bid as provided for in said specifications.

The Board of Trustees reserves the right to reject any or all bids or parts thereof and to waive any informality in any bid received.

All bids to be addressed to J. M. Tingley, Clerk of the Board, Bids will be opened at the old Grammar School Building.

J. M. TINGLEY, Clerk.

J. P. SUMMERS,

BERT HUDSON,

Trustees of the Los Molinos Grammar School District, Los Molinos, Tehama County, California.

NOTICE TO CONTRACTORS.

(Orosi High School Additions, Estimated Cost, \$65,000)

Notice is hereby given that the Board of Trustees of the Orosi Union High School District, of the town of Orosi, County of Tulare, State of California, will receive sealed bids for the furnishing of all labor and materials necessary in the erection and completion of Physical Education Building, Manual Arts and addition to present building, including heating system, according to plans and specifications prepared for same by the Ernest J. Kump Co., Architects, of the City of Fresno, and in strict accordance with the bids and alternate bids asked for in specifications.

Said sealed bids will be received up to and including 2:00 P. M. of the 21st day of August, 1922, by the undersigned, Clerk of the Board, at the town of Orosi, County of Tulare, State of California.

Said sealed bids must be accompanied by a Certified Check in a sum equal to at least 10% of the amount of bid to do the work mentioned and made payable to the undersigned, Clerk of the Board, as a guarantee that the bidder will execute the proper contract and bonds in case the contract is awarded to him by reason of his bid.

Plans and specifications are on file with the undersigned, Clerk of the Board, and additional copies may be obtained at the offices of the Architect.

All bids to be made out on blank forms furnished by the Architects.

The successful bidder will have to give a satisfactory bond in the sum of 50%, covering labor and materials, and an additional 20% bond covering faithful performance—as fully set forth in specifications.

The Board of Trustees, as owners, reserve the right to reject any or all bids or alternate bids, or any part or parts of any bids or alternate bids, and reject the balance thereof, and to waive any informality in any bids or alternates received.

All bids addressed to H. A. Collins, Clerk of Board of Trustees of the Orosi Union High School District, County of Tulare, State of California.

BY ORDER OF SAID BOARD OF TRUSTEES:

H. A. COLLINS,

Clerk of Board.

NOTICE TO CONTRACTORS

(Alameda School Addition)

Notice is hereby given that the Board of Trustees of the Alameda School District, County of Fresno, State of California, will receive sealed bids for the furnishing of all labor and material necessary in the erection, construction and completion of a 1-room frame addition to present school building, including works according to plans and specifications, which may be obtained at the offices of the district's architects, the Ernest J. Kump Company, 207-8 Rowell Bldg., Fresno, California, according to alternate bids asked for in specifications.

Said sealed bids will be received up to and including 3 P. M. of the 23d day of August, 1922, by the clerk of the board at the offices of the architects.

All bids must be accompanied by a 10% certified check or bidders' bond made payable to the clerk of the board.

The successful bidder will have to give a 50% bond covering labor, and material and 20% bond for faithful performance as set forth in specifications.

The board reserves the right to reject any and all bids or any part or parts thereof and to waive any informality in any bid received.

All bids to be addressed to Ivan B. Williams, clerk of the Board of Trustees, of the Alameda School District, Fresno County, California.

By order of the said Board of Trustees,

IVAN B. WILLIAMS,

Clerk.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned on August 22d, 1922, for constructing portions of the State Highway System as follows:

(1) Bids received until and opened at 4:00 P. M. for grading and construction of culverts in Wasioche County, from 2 miles North to 5 1/2 miles North of Reno—approximately 3.76 miles.

(2) Bids received until and opened at 4:00 P. M. for grading and paving asphalt macadam surface in Wasioche County, from Reno to Purdy—approximately 15.57 miles.

Plans may be examined and form of proposal, contract and specifications secured at office of undersigned; may also be examined at the County Clerk's office at Reno, may also be examined at the Division Engineer's office in Las Vegas, Elko or Reno, and District office of Bureau of Public Roads, Mills Building, San Francisco, California. Deposit of Fifteen Dollars (\$15.00) with the undersigned required for copy of plans, which will be refunded on their return in good condition. Bids must be in proposal form of Highway Department and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certified check from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in the sum as is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the contract and specifications.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

NOTICE TO CONTRACTORS

(Garage and Shop Building—Firebaugh School District)

The Board of Trustees of the Firebaugh Grammar School District, Firebaugh, California, will receive sealed bids until 7:00 o'clock P. M., August 21st, 1922, at the Firebaugh Grammar School, at which time and place said bids will be opened and read in public for furnishing the required labor and materials for erecting and completing the proposed new Garage and Shop Building, in accordance with plans and specifications prepared by Antonio Johnson, Architect, of Kingsburg, California.

A certified check for an amount not less than ten per cent (10%) of amount of bid should accompany each proposal, made payable to the order of: Mrs. P. E. G. Sellers, (Clerk of the Firebaugh Grammar School District, as a guarantee, that the bidder will, within ten (10) days after being notified of the acceptance of his bid enter into a contract with said Grammar School Board in accordance therewith, and shall furnish bonds as required by the specifications. Said check to be forfeited to the said Grammar School District should the bidder refuse to execute contract and furnish bond as above mentioned.

Plans and specifications for all the above work may be seen in the office of Antonio Johnson, Kingsburg, Calif. By order of the Board of Trustees, Firebaugh Grammar School District, Firebaugh, California, by Mrs. P. E. G. Sellers, Clerk of the Board of Trustees.

Dated: August 5th 1922.

BIDS WANTED FOR REDDING SCHOOL.

(Two-story Reinforced Concrete and Tile School. Estimated Cost, \$110,000)

NOTICE TO CONTRACTORS AND BUILDERS

Pursuant to an order made by the Board of Trustees of Redding School District, at Redding, County of Shasta, State of California, on the 28th day of July, 1922.

Notice is hereby given that sealed proposals will be received by the Clerk of the Board of Trustees of said Red-

ding School District, at Redding, Shasta County, California, up to and including 7 o'clock P. M., on the 16th day of August, 1922, on which day said proposals will be opened and examined, to build a school house situated upon the lots of said Redding School District in the City of Redding, County of Shasta, State of California, in accordance with the plans and specifications for said building adopted by said Board of Trustees at their meeting held on the 28th day of July, 1922.

Plans and specifications and detailed drawings complete are on file in the office of Woollett & Lamb, Flagelstein Bldg., Sacramento, California.

Proposals must be accompanied by a certified check in at least ten percent of the amount of any bid, which check to be forfeited to said school district in the event the said bid of such bidder shall be accepted and he shall fail to enter into a contract to construct such school house, within ten days from the date the contract is awarded, containing such terms, conditions and provisions as shall be required by said board and for the amount bid or proposed in said bid or proposal.

Bids must be addressed to the Clerk of said Board of Trustees, Redding School District, Redding, Shasta County, California, and endorsed "Bid to Construct School House for Redding School District, at Redding."

The Board of Trustees of said District reserves the right to reject any and all bids.

The successful bidder must, within ten days from the date the contract is awarded, enter into a good and sufficient bond to be approved by said Board of Trustees, payable to said Redding School District for its use, in the sum of fifty per cent of the amount estimated as the contract price, conditioned for the faithful performance of said contract according to the plans and specifications, and shall, at the same time, execute and deliver to said Board of Trustees a good and sufficient bond to be approved by said Board for not less than fifty per cent of the proposed contract price, which shall be conditioned that the contractor will pay all claims for material, labor or supplies furnished and used and furnished for the work in and about the construction of said building.

By order of the Board of Trustees of Redding School District, Redding, Shasta County, California, 1922.

Witness my hand this 28th day of July, 1922.

E. C. FRISBIE,
Clerk of the Board of Trustees of Redding School District, Redding, Shasta County, California.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on August 28, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

1. From the County line between the County of Northern Boundary and the County of Calistoga (IV-Nap-49-A), about eight and four-tenths (8.4) miles in length, to be graded.

2. Monterey County, between Anderson Canyon and Sur River (V-Mon-56-B), about thirteen and one-tenth (13.1) miles in length, to be graded.

3. Kern County, (VI-S. W. 34), between the County line between S. & M. and Maricopa (VI-Ker-57-A), about two and seven-tenths (2.7) miles in length, to be graded and paved with bituminized macadam.

4. Los Angeles County, between Saugus and 1/2 mile northwest of Castaic School (VII-LA-4-A and B), about nine and one-tenth (9.1) miles in length, to be paved with Portland cement concrete.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the

offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission
AUSTIN B. FLETCHER,
State Highway Engineer.
R. A. MURRAY, Secretary

Dated July 31, 1922

NOTICE TO CONTRACTORS

(Kerman High School)

The Board of Trustees of the Kerman Union High School District, Kerman, California, will receive sealed bids up until 2 o'clock P. M., August 19th, 1922, at the High School Building, Kerman, California, at which time and place said bids will be opened and read in public for furnishing the required labor and materials for erecting and completing the proposed new High School Building in accordance with plans and specifications prepared therefor by Anton Johnson, Architect, of Kingsburg, California. Bids will be received separately for the different segregated contracts, as follows:

CONTRACT No. I: For the Executing, Concrete, Carpentry Work, Millwork, Masonry Work, Terra Cotta and Cast Cement.

CONTRACT No. II: Sheet Metal.

CONTRACT No. III: Lathing and plastering.

CONTRACT No. V: Blackboards.

CONTRACT No. VI: Painting.

CONTRACT No. VII: Plumbing.

CONTRACT No. VIII: Electrical Wiring.

CONTRACT No. IX: Program Clock.

CONTRACT No. X: Heating.

CONTRACT No. XI: Hardware.

CONTRACT No. XII: Metal Lockers.

CONTRACT No. XIII: Acoustical Felt.

CONTRACT No. XIV: Lighting Fixtures.

CONTRACT No. XV: Venetian Blinds.

NOTE: Contractors may bid on any contract or any combination of contracts and the board reserves the right to avoid contracts accordingly.

Certified check or bidder's bond for an amount not less than ten per cent (10 per cent) of amount of bid should accompany each proposal, made payable to the order of Mrs. M. S. Meeker, Clerk, or the Kerman Union High School District, as a guarantee that the bidder will, within ten (10) days after being notified of the acceptance of his bid, enter into a contract with said High School Board in accordance therewith, and shall furnish bonds as required by the specifications. Said checks or bonds, if forfeited to the said High School District should the bidder refuse to execute contract and furnish bonds as above mentioned.

Plans and Specifications for all the above work may be seen in the office of Anton Johnson, Architect, Kingsburg, California.

A deposit of Twenty-five Dollars (\$25.00) will be required for the plans and specifications. This deposit to be refunded on the return of the plans and specifications accompanied with a bona-fide bid.

The Board of Trustees of the Kerman Union High School District reserves the right to reject any or all bids submitted.

By order of the Board of Trustees, Kerman Union High School District, by Mr. M. S. Meeker, Clerk.

Engineering News Section

BRIDGES, DAMS & HARBOR WORK

PRESCOTT, Ariz.—Windser, Coleman & King, Snowflake, awarded contract to construct 90 ft. clear span single arch steel bridge over Lynx Creek on the Prescott to Humboldt highway. Pouring of concrete for caissons has started.

LOS ANGELES, Cal.—Harbor commission has filed with engineer of war department application for permission to make the following improvements: To widen wharf No. 1, piers No. 223 and 242, on east side of the east side of the east channel in Los Angeles outer harbor, the proposed addition to be 2481 ft. long by 22 ft. wide.

To widen the existing 330 ft. wharf extending s. e. from S. pierhead station 430, channelward a distance of 15 ft., and to continue the construction of the new wharf along the same line to point near U. S. pierhead station 424. To improve an area 70 ft. by about 215 ft. in the s. w. corner of Fish harbor, for the extension of boat ways and wharf near berth No. 258.

CALIFORNIA.—Until Sept. 5, 2 P. M. bids will be received by State Highway Commission to construct reinforced concrete bridge consisting of two 44-ft. reinforced concrete girder spans with necessary pier, abutments and wing walls in Mendocino county across East branch of Russian river, about 6 miles north of Ukiah. Austin B. Fletcher, state highway engineer. See call for bids under official proposal section in this issue.

NAPA, Napa Co., Cal.—County Surveyor Edw. P. Ball completes specifications for Strawn bridge and will present to supervisors for approval Aug. 22.

NAPA, Napa Co., Cal.—Harry Thorsen, St. Helena, at \$1795, awarded contract by supervisors to construct culverts as follows: (1) Extension of 2 ft. 6-in. by 2 ft. reinforced box culvert on West Linn St.; (2) reinforced concrete box culvert 63 ft. on Congress Springs Rd.; (3) reinforced concrete deck for bridge, 12 ft. on Struve Road; (4) extension 2 ft. 9-in. by 4 ft. 6-in. reinforced box culvert on road leading from Union Station to Brown's Valley.

SAN RAFAEL, Marin Co., Cal.—S. P. Brownlee, San Rafael, at \$4275, awarded contract by supervisors to construct reinforced concrete bridge over Pine gulch creek at Bolinas, involving 70 cu. yds. excavation; 250 yds. backfill; 135 cu. yds. reinforced concrete; 20 ft. 12-in. and 20-ft. 18-in. corrugated culvert.

QUINCY, Plumas Co., Cal.—Jenkins & Elton, 3560 Y St., Sacramento, awarded contract by supervisors to construct two 75-ft. riveted steel spans across Middle Fork of Feather river at Portola, involving 66,200 lbs. steel. Security Constr. Co. bid \$15,494 and A. W. Kitchen, \$16,959.

R. D. Tucker, Quincy, at \$2650, awarded contract to construct one 36-ft. span reinforced concrete girder deck bridge over Thompson Creek.

MARIPOSA, Mariposa Co., Cal.—Until September 6, bids will be received by Mariposa County Supervisors to construct steel bridge to replace structure at Bagby, 180-ft. span; concrete floor with 100-ft. approaches on which alternative bids are wanted for concrete and timber construction. Estimated cost, \$20,000. A. E. Cowell, Merced, Engineer.

SAN LUIS OBISPO, Cal.—Pacific Construction Co., 15 California St., San Francisco, at \$17,471, awarded contract by supervisors to construct plate girder steel bridge over Santa Rosa creek near Cambria. Other bids: Maino & Lane, \$17,938; Appleton & Davis, \$21,087; W. Ledbetter, \$21,560; Security Bridge Co., \$23,037.

Bids rejected to construct steel truss bridge over Cholame creek. Bids were: Maino & Lane, Paso Robles, \$21,371; Pacific Constr. Co., \$24,778; Appleton & Davis, \$28,722; Security Bridge Co., \$29,761; W. Ledbetter, \$29,330; Warren, Burch, Lowe Bldg., county surveyor.

Appleton & Davis, Atascadero, at \$1,442, awarded contract to construct reinforced concrete culverts on Templeton-Willow creek road and Templeton-Creston and Templeton-Vasa roads, involving 284 yds. excavation; 187 cu. yds. class A concrete; 12,500 lbs. reinforced steel. Wm. Ledbetter bid \$1,551.

MARTINEZ, Contra Costa Co., Cal.—Raisdon Iron Works, 20th and Indiana Sts., San Francisco, at \$3233, awarded contract by Associated Oil Co., to construct steel bridge, 131-ft. long, across Santa Fe right-of-way at Avon.

EUREKA, Humboldt Co., Cal.—Padgett & Kelly, Eureka, at \$33,000, awarded contract by supervisors to construct three steel bridges over Bluff, Athens and Slate creeks. Other bids: F. L. Smith, \$33,349; Mercer-Fraser, \$40,400.

MARYSVILLE, Yuba Co., Cal.—Until Aug. 21, 8 P. M., bids will be received by J. O. Wanzel, city manager, for Ellis Lake improvements, involving approximately 135,000 yds. of excavation. Plans on file in office of W. Meek, city engineer.

STOCKTON, San Joaquin Co., Cal.—City Engineer W. B. Hogan is preparing estimates of cost for the bridge over Mormon channel.

MARYSVILLE, Yuba Co., Cal.—Bent Bros., 1711 Eagle Ave., Los Angeles, at \$12,974 awarded contract by Yuba Development Co., Hobart Bldg., San Francisco, to construct a power house for Bullard Dam project and at \$330,630 to construct dam in connection with the project. Owners will furnish cement, steel, pipe, valves and dam equipment. Bids are now being taken by owners for power house equipment. Plans for the project prepared by Constant Angle Arch Dam Co., Hobart Bldg., San Francisco.

Engineers and Contractors PLEASE NOTE

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208 Market St., San Francisco
Phone Douglas 1118

STOCKTON, San Joaquin Co., Cal.—L. W. Larsen, Turlock, at \$15,292, submits low bid to supervisors to construct nine reinforced concrete bridges and culverts on Jack Tone Road. Other bids: Davidson & Nicolson, \$18,089; W. H. Graham & Co., \$17,609.12; Jenkins & Elton, \$20,742; O. B. Chaney, \$24,500; San Jose Paving Co., \$19,700; Vickroy & McAtey, \$19,950; A. S. Dixon, \$19,994; James R. Johnson, \$18,722; S. D. Miller, \$16,797.50; Robert Berle, \$18,572; Rocca & Coletti, \$18,825; M. B. White, \$17,927.

Davidson & Nicolson, 180 Jessie St., San Francisco, at \$16,650, low bidder. Other bids: Davis-Heller-Pearce, \$22,177; Edward H. Martin, \$17,762; Shutes & Zinck, \$17,321.10; Robert Beyrle, \$19,400; Jenkins & Elton, \$19,475.75; Walter L. Proctor, \$17,559; San Jose Paving Co., \$17,359; Fredrickson Brothers & Shannon, \$17,980; Rocca & Coletti, \$16,800; Nate Lovelace, \$19,763.

Davidson & Nicolson, \$13,343, low bidders to construct two reinforced concrete bridges in McKinley Ave. Other bids: Edward H. Martin, \$9872; Jenkins & Elton, \$9635; Shutes & Zinck, \$9500; Walter L. Proctor, \$9239; San Jose Paving Co., \$9600; Fredrickson Brothers & Shannon, \$10,150; M. B. White, \$9981; Rocca & Coletti, \$9560; Robert Beyrle, \$9580; James R. Johnson, \$8500.

MARTINEZ, Contra Costa Co., Cal.—County Surveyor R. R. Arnold completing specifications for three bridges in Road District 2, two on road between Moraga and Lafayette and one in Moore Canyon.

HANFORD, Kings Co., Cal.—County Surveyor Roy May preparing specifications for two concrete bridges over People's Ditch in Road District No. 3 and for one bridge over Lower Kings River Ditch.

STOCKTON, San Joaquin Co., Cal.—Until September 6, bids will be received by E. D. Graham, County Clerk, to construct 4 concrete bridges and culverts in Norton Lane, to replace present wooden structures, estimated cost, \$6,910 and for construction of 2 concrete bridges over Lone Tree creek on B. M. Bainbridge road north of Escalon. F. E. Quail, County Surveyor.

STOCKTON, San Joaquin Co., Cal.—Until September 5, 10 A. M., bids will be received by E. D. Graham, County Clerk, to construct Dry Creek Bridge, 640 ft. long, consisting of concrete piers and timber deck. Supervisors to receive concrete: 2 1/2 tons reinforcing steel; 86,000 ft. timber; 2200 lin. ft. concrete piling; 22 bents. Construction will be financed through Sacramento and San Joaquin counties. F. E. Quail, San Joaquin County Surveyor.

SACRAMENTO, Cal.—County Supervisors will shortly call bids to construct Paintersville and Steamboat Slough bridges, estimated to cost \$189,000 and \$135,900, respectively. Drury Butler, County Engineer.

FRESNO, Fresno Co., Cal.—Supervisors, D. M. Barnwell, Clerk, will receive bids until September 15 to construct bridge over Creek on dirt road near Claremont school; 100 ft. long. Chris P. Jensen, Cory Bldg., County Surveyor.

SACRAMENTO, Cal.—Jenkins & Elton, 3560 Y St., Sacramento, at \$7572, awarded contract by supervisors to reconstruct Benson Ferry bridge on Lower Stockton Road. Other bids: M. L. Isham & Co., \$8784; George Coleman, \$8960; E. M. Whipple & Co., \$9685.

IRRIGATION PROJECTS

MERCED. Merced Co., Cal.—Until Aug. 25, 11 a. m., bids will be received by W. D. Wagner, secretary, Merced Irrigation District, for the following improvements:

Constructing concrete structures on the Lake Yosemite-Lake Grand Canal for constructing nine reinforced concrete spillways; a reinforced concrete spillway and check structure and a reinforced concrete automatic check structure in the Lake Yosemite-Lake Grand Canal. Work consists of constructing:

SYMPHON No. 1, 200 ft. long, crossing Black Rascal creek.

SYMPHON No. 2, 2218 ft. long, crossing Bear creek.

SYMPHON No. 3, 46 ft. long, crossing Yosemite Highway.

SYMPHON No. 4, 50 ft. long, crossing files creek.

SYMPHON No. 5, 140 ft. long, crossing the Santa Fe railroad and the city road.

SYMPHON No. 6, 64 ft. long, crossing Owens creek.

SYMPHON No. 7, 60 ft. long, crossing files creek.

SYMPHON No. 8, 140 ft. long, crossing the Santa Fe railroad and the county road.

SYMPHON No. 9, 140 ft. long, crossing Jarvis creek.

All structures given above include transition structures at each end of the spillway proper.

SPILLWAY AND CHECK STRUCTURE. designed to spill excess water from the upper end of the Sympson No. 1.

AUTOMATIC CHECK STRUCTURE. near southwest corner of section 15, T. 7 S., 15 E., to regulate the height of water in the canal.

The spillways will contain approximately 500 cu. yds. of concrete and 20 tons of reinforcing steel, and the spillways and check structures will contain approximately 67 cu. yds. of concrete.

Large tons of reinforcing steel and 1000 ft. of 2-in. concrete lining.

Separate bids, same date, to construct three metal flumes on Lake Yosemite-Lake Grand Canal, together with timber supports. Flume No. 1 is semi-circular metallic flume about 11 ft. in diam. and 1216 ft. long, and is situated in the southwest quarter of section 24, T. 6 S., R. 14 E., M. D. B.

Flume No. 2 is semi-circular metallic flume, about 11 ft. in diam. and 6 ft. long, and is situated in the northwest quarter of section 8, T. 7 S., R. 15 E. The structure to support the flumes are about 20 feet high, and are of timber construction.

Separate bids, same date, to construct tunnel 1300 ft. long on Lake Yosemite-Lake Grand Canal, 10 by 10 ft. copies of specifications are available for a deposit of \$5 for each project.

C. Starr, chief engineer for district.

LANCASTER. Cal.—Until 8 p. m., Aug. 15, bids will be received by directors of Little Rock Creek Irrigation district, L. A. county, for furnishing and laying of 17,400 ft. 10-in., 35,500 ft. 12-in., and 8,500 ft. 16-in. concrete pipe.

Specifications and further information may be obtained from Clarence Scott, secretary. Work to be done under Sec. California Irrigation Dist. Act.

BUTTE COUNTY. Calif.—Reclamation District No. 777, Butte County, has plans with the State Reclamation Service for ditch construction and other drainage works; estimated cost, \$60,000.

FULLERTON. Cal.—G. R. Walker, architect, submitted low bid for ditches, at \$2250, to construct ornamental lighting system in E. Maple St., between S. Spadra Rd. and 320 ft. east of Corona Ave. Other bids were: P. Savoy, \$2385; A. C. Rice, \$2475; C. Sparks, \$2560; H. A. Walker, \$2360; D. Perry, \$2300; J. M. Leet, \$2727.

OROVILLE. Butte Co., Cal.—Until Aug. 28, 2:30 p. m., bids will be received by Charles Bloom, secretary, Drainage District No. 200 of Butte county, to construct drainage system. Wm. W. Green, Elgin, Calif., engineer for district. See entry for bids under official proposal section in this issue.

OAKDALE. Stanislaus Co., Cal.—Bonds of \$50,000 voted in Oakdale Irrigation District for drainage improvements: \$1100 to concrete line 100 ft. lateral; \$4750 to construct Young lateral; \$1850 to replace Dudley pipe line; \$1660 for pipe line near Riverbank; \$6000 to pipe part of town main; \$2100 to extend Crane lateral, etc.

LIGHTING SYSTEMS

BURLINGAME. San Mateo Co., Cal.—Property owners in Howard & Highland Aves., San Mateo Drive and Middlefield Road proposed to install electric lights; est. cost, \$1 front ft. C. A. Terello, city engineer.

MACHINERY

YUBA CITY. Sutter Co., Cal.—W. P. Boyce & Son, Woodland, awarded contract by Shell Oil Co. to construct tank and piping system for distributing plant here.

SANTA BARBARA. Cal.—Co. Counties Gas Co. will start work in 60 days on 6-in. high pressure gas main from Ventura to Santa Barbara, 30 miles.

LOS ANGELES. Cal.—Bids for furnishing 7 ft. 6 in. 510 E. 2nd St. 10 ft. 2 in. and 100 4-in. solid wedge type, standard screw gate valves, to public service commission were:

Crane Co.—Crane type, 3-in., \$6.95 each; 4-in., \$8.08 each; immediate shipment.

N. O. Nelson Mfg. Co.—Walworth type, 3-in., \$6.01 each; 4-in., \$8.14 each; delivery not stated.

Mark Lally Co.—Walworth, 3-in., \$5.46 each; 4-in., \$7.41 each; shipment 3 weeks; less 2 per cent if paid within 20 days from date of shipment.

Pac. Pipe & Supply Co.—McNabb & Harlin type, 3-in., \$5.58 each; 4-in., \$7.72 each; delivery in 3 weeks.

LOS ANGELES. Cal.—Holt Mfg. Co., 105 S. Los Angeles St., awarded contract at \$4850.19 f. o. b. Los Angeles, for furnishing public service commission, one 5-ton caterpillar gasoline tractor trench backfilling machine; delivery, 3 days.

ANTIOCH. Contra Costa Co., Cal.—National Meter Co., 141 New Montgomery St., San Francisco, awarded contract by city trustees to furnish 500 Empire water meters at \$12.75 each; Art Concrete Works, Oakland, at \$11.3, awarded contract to furnish and deliver Antioch, 450 concrete meter boxes at \$11.3 each.

LOS ANGELES. Cal.—Until 3 p. m., Aug. 15, bids will be received by public service commission, 207 S. Broadway, for 33,000-volt oil switches. Specification No. P-283.

Until 3 p. m., Aug. 18, bids will be received for a 200 K. V. A. 30-circuit self-cooled indoor type, electric furnace transformer. Specifications P-282-231. James P. Vroman, secretary.

BURBANK. Cal.—Until 8 p. m., Sept. 5, bids will be received by City Clerk F. S. Webster for drilling 16-in. well with No. 14 gauge casing, 150 to 200 ft. deep. Certified check for 20%.

SAN DIEGO. Cal.—City Purchasing Suppt. Wm. Bates has asked city to appropriate \$2250 for purchase of 8000 ft. 2-in. cast iron pipe for relaying water mains.

BURBANK. Cal.—Until 8 p. m., Sept. 5, bids will be received by City Clerk F. S. Webster for deep well centrifugal pump with capacity of 1350 gals. per min., from depth of 75 ft. Certified check for 25%.

SAN DIEGO. Cal.—City council has adopted an ordinance appropriating, subject to auditor's approval, \$18,000 for installing flush gates in spillways of Lower Otay and Barrett ditches. The two sets of gates will increase the capacity of the reservoirs 5,000,000 gallons.

SAN FRANCISCO.—Following bids received by board of public works for furnishing and delivering transformers, switchboards and accessory equipment for Moccasin Creek power plant, Hetch Hetchy project. Contract No. 81: Maloney Elec. Co., under Prop. A, Sec. 2, for fur. and del. transformers, \$6577.50.

A. S. Lundstrom (Packard Elec. Co.), for fur. and del. under Prop. A, Sec. 2, transformers, \$7140.

General Electric Co., fur. and del. transformers under Prop. A, Sec. 1, \$13,429, under Sec. 2, Prop. A, \$7941.

General Electric Co., for fur. and del. switchboards and accessory equipment under Prop. E, \$255,000.

General Electric Co., for fur. and transformers under Prop. A1, \$13,105 each; under Sec. 2, Prop. A1, \$7657.

General Electric Co., for fur. and del. equipment, complete, under Prop. E1, \$253,600.

Westinghouse Elec. & Mfg. Co., transformers under Sec. 1, Prop. A, \$11,069; under Sec. 2, Prop. A, \$7485.

Westinghouse Elec. & Mfg. Co., equipment under Prop. D, \$253,200.

Westinghouse Elec. & Mfg. Co., for fur. and del. transformers under Prop. A1, Sec. 1, \$10,300; under Prop. A1, Sec. 2, \$78,200.

Westinghouse Elec. & Mfg. Co., for fur. and del. equipment under Prop. D1, \$28,200.

FIRE EQUIPMENT

ETHEKA. Humboldt Co., Cal.—Until Aug. 15, 5 p. m., bids will be received by A. Walter Kiddale, city clerk, for furnishing and delivering 2000-ft. 2½-in. double jack cotton fire hose in 50-ft. lengths with couplings.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

CRESCENT CITY. Del Norte Co., Cal.—Until Sept. 11, 7:30 p. m., bids will be received by W. L. Bradley, city clerk, to improve streets, involving 23,355 cu. yds. grading, excavating, 319,900 sq. ft. grading surface; 319,900 sq. ft. asphalt macadam pavement, new 7-in. before rolling; rebuild 168,318 sq. ft. asphalt macadam pavement; 22,312 lin. ft. conc. curb; 55,600 sq. ft. conc. gutter and conc. valley; 607 ft. 12-in. C. I. pipe for outfall; 1770 lin. ft. 12-in. 1200 lb. vit. pipe; 4619 lin. ft. 8-in. and 8531 lin. ft. 6-in. vit. pipe sewer; 46 sewer manholes; 7 lampholes; 25 Y branches on 12-in., 30 on 10-in., 75 on 8-in. and 200 Y branches on 6-in. sewer; 282 ft. 24-in., 112 ft. 18-in., 103 ft. 15-in., 360 ft. 12-in. and 44 ft. 10-in. corr. iron pipe culvert; 440 ft. 30-in. corr. 24-in., and 148 ft. 18-in. segmental culverts; 16 manholes for segmental culverts; 4 manholes for pipe culvert; 1 manhole for pipe culverts with catch-basin inlet; 335 ft. 8-in. vitrified pipe drain; 2170 ft. 1-in. galv. iron street lighting conduit; 4 cast iron survey monument frames; 130 lin. ft. redwood culverts; 120 lin. ft. redwood curbs.

1911 Act. C. C. Kennedy, engineer, Cal. Dist. No. San Francisco.

REDWOOD CITY. San Mateo Co., Cal.—Until Sept. 4, 8 p. m., bids will be received by W. L. Rice, city clerk, to construct sewers in Jefferson Acres, involving 1700 lin. ft. 8-in., 4010 lin. ft. 6-in. and 5940 lin. ft. 4-in. vit. pipe; 21 manholes; 2 manholes.

Separate bids, same date, to construct sewers in portions of Jeffers and Standish streets, etc., involving 2300 lin. ft. 6-in. vit. sewer; 1500 lin. ft. 4-in. vit. pipe laterals; 6 manholes. 1911 Act. C. L. Dimmitt, city engineer.

PETALUMA, Sonoma Co., Cal.—Until Aug. 21, 8 p. m., bids will be received by Lyman Green, city clerk, to improve Hayes Ave., involving 344 cu. yds. excavation, 438 lin. ft. concrete curb and gutter, 5229 sq. ft. oil macadam pavement, 30 lin. ft. corrugated iron culvert. N. S. Frost, city engineer.

SAN FRANCISCO—Until Aug. 16, 3 p. m., bids will be received by board of public works to construct Sec. 1 of Ocean Beach Esplanade, involving 327 lin. ft. rein. conc. pavement. Plans obtainable from office of city engineer. M. M. O'Shaughnessy, third floor, city hall.

MARTINEZ, Contra Costa Co., Cal.—City Engineer E. H. Greene completes specifications to improve portions of Green, Ward, Berrelles, Tallman, Sts., etc., involving 65,000 sq. ft. grading; 12 in. lin. concrete curb; 7876 sq. ft. concrete gutter; 55,200 sq. ft. asphalt concrete base w/ 1 1/2 in. Warrentite surface; 1300 lin. ft. 6-in. and 726 lin. ft. 4-in. vit. sewer; 33 wye branches, 4 in.; 275 sq. ft. brick and concrete manholes; lamp posts. Bids will be asked about Aug. 18.

SANTA ANA, Cal.—B. R. Ford, Santa Ana, awarded contract by city trustees at \$15,196.45 for paving West First St. betw. 7th and 8th Sts., involving 275,597 cu. ft. 5-in. cement concrete paving with belt finish at 20¢ ft. and 168 ft. house sewers at 48¢ ft.

SAN LUIS OBISPO, Cal.—J. L. Conner, Nipomo, at \$29,135, awarded contract by supervisors to improve portions of Avila road, involving 5500 cu. yds. excavation, including borrow, 75¢ yd.; 8293 ft. shaping and rolling roadbed, 15¢ ft.; 2049 yds. Class A concrete pavement, 45.15 yd.; 7500 lbs. reinforced steel (pavement). W. H. Warren Burch, Lowe Bldg., county surveyor.

NAPA, Napa Co., Cal.—L. J. Alexander, Napa, at \$3625, awarded contract by supervisors to furnish and spread 2000 cu. yds. crushed rock in portions of Salvador, Central and Orchard Aves. and Yountville cross road. Harold Smith, Rutherford, at \$12,783, awarded contract to improve Childs Valley road, involving 7500 cu. yds. excavation; 162 lin. ft. 12-in. 6 in. ft. 15-in. and 48 lin. ft. 24-in. corrugated culvert; 40 cu. yds. concrete in culverts; 1200 lbs. reinforced steel, 2500 cu. yds. crushed rock or graded gravel. County will furnish cement and pipe.

EAST SAN DIEGO, Cal.—Until Aug. 17, bids will be received by city trustees for paving Scott Ave., involving 100,000 sq. ft. 5-in. concrete pavement, 1911 Act and 1915 Bond Act. E. Paul Ford, city engineer.

PETALUMA, Sonoma Co., Cal.—No bids received by city council to improve Edith St. between Washington and Madison by grading; concrete curbs and gutter; macadamized with rock and oil. No bids received to improve Madison St. between Vallejo and Edith by grading; concrete curbs and gutters; macadamizing with rock and oil; and corrugated iron culverts. N. S. Frost, city engineer.

BERKELEY, Alameda Co., Cal.—City council, E. M. Hann, clerk, to construct cement walks 6-ft. wide in portions of Elm, Spaulding, Harold, Prospect, McGee Aves., etc. 1911 Act. Protests Aug. 22, 1922. C. L. Huggins, city engineer.

BREA, Cal.—George H. Oswald, 366 E. 58th St., Los Angeles, awarded contract by city trustees at \$126,235 for paving certain streets in Brea, involving 78,800 sq. ft. 4-in. asphalt concrete paving, 230,000 sq. ft. 3-in. asphalt surfacing, 212,000 sq. ft. 6-in. asphalt concrete paving, 1,041,000 sq. ft. grading and oiling.

OAKLAND, Cal.—County Surveyor George Posey preparing specifications to pave Livermore-Pleasanton road.

MARTINEZ, Contra Costa Co., Cal.—Until Aug. 21, 11 a. m., bids will be received by J. H. Wells, county clerk, to pave with 5-in. oil macadam Willow Pass Road, 3209 lin. ft. 18-ft. wide. R. R. Arnold, county surveyor.

LOS GATOS, Santa Clara Co., Cal.—City trustees will call election to vote bonds of \$1200 to construct main line sewer for new grammar school and Memorial Park.

CARSON CITY, Nevada.—Following are approximate quantities of materials involved to construct highways, bids for which will be opened by State highway commission, G. W. Borden, chief engineer, on Aug. 23:

Washoe county, between Reno and Purdy, Rt. 9, Sec. A, 15.57 miles, involving 15,571 miles of subgrade and shoulders; 109,600 sq. yds. asphalt macadam surface; 195,600 sq. yds. seal coat. State will furnish "D" grade asphalt, 100 cu. yd. tank cars; crushed rock and screenings in stock piles, all at railroad siding on Reno branch of W. P. Railroad.

Washoe county, from 2 miles north of Reno to 5 1/2 miles north of Reno, Rt. 9, Sec. A, 3.75 miles, involving 22,000 cu. yds. unclassified excavation; 1953 yds. sta. overhaul; 105 cu. yds. class "A," and 30 cu. yds. class "B" concrete; 334 lin. ft. 15-in., 68 lin. ft. 18-in., 58 lin. ft. 24-in., 32 lin. ft. 30-in. and 26 lin. ft. 36-in. corrugated metal pipe; 76 monuments.

OAKLAND, Cal.—City council, E. K. Sturges, clerk, declares intention (No. 24548) to improve portions of Stanley Ave., between East 14th and Myers Sts., by grading and paving with oil macadam.

Intention (No. 24550) declared to improve Plymouth St. between 96th and 96th Aves.; grading; concrete curbs, gutters and walks; oil macadam pavement. W. W. Harmon, city engineer.

NAPA, Napa Co., Cal.—Until Aug. 29, 10 a. m., bids will be received by J. A. Daly, county clerk, to grade 1 mile of road between 2 miles east of Napa on the Salvador road, involving 7000 cu. yds. grading. Edw. F. Ball, county surveyor.

BERKELEY, Alameda Co., Cal.—Bates & Brland, Oakland Bank of Savings Bldg., Oakland, at \$46,105, submits low bid to council to improve Grove St., between Berkeley Way and Hopkins, etc., by constructing combined concrete curb and gutters; regrading; paving with 2-in. asphalt concrete surface on 6-in. hyd. concrete base; concrete catchbasins, brick manholes, etc. Other bids: Hutchinson Co., \$46,272; Warren Constr. Co., \$47,532; Oakland Paving Co., \$48,596. Referred to City Engineer C. L. Huggins.

MERCED, Merced Co., Cal.—Until Aug. 21, 8 p. m., bids will be received by W. W. Cornell, city clerk, to improve 22nd St. between P and R Sts., involving 49,261 sq. ft. grading; 49,261 sq. ft. 3 1/2-in. asphalt conc. base with 1 1/2 in. Warrentite surface pavement; 1828 lin. ft. conc. curb; 320 lin. ft. main branch and 48 lin. ft. branch C. I. and concrete culvert.

Twentieth and Fourteenth Sts., between M and P, 15th between L and O, involving 197,712 sq. ft. grading; 197,712 sq. ft. 3 1/2-in. asphalt conc. base with 1 1/2 in. Warrentite surface pavement; 114 lin. ft. conc. curb; 160 lin. ft. main and 44 lin. ft. branch C. I. and conc. culvert.

Thirteenth and Fourteenth Sts., between M and P, 15th between L and O, involving 197,712 sq. ft. grading; 197,712 sq. ft. 3 1/2-in. asphalt conc. base with 1 1/2 in. Warrentite surface pavement; 1600 lin. ft. wood curb. C. D. Martin, city engineer.

Alley in Block 88 and 112, involving 15,732 sq. ft. grading; 15,732 sq. ft. 2 1/2-in. asphalt conc. base with 1 1/2 in. Warrentite surface pavement; 1600 lin. ft. wood curb. C. D. Martin, city engineer.

PASADENA, Cal.—Until 10 a. m., Aug. 23, bids will be received by city clerk, Jessie Chamberlain, for constructing cent. curb, gutters, and 6-in. conc. sewer, paving on Raymond Ave. between East Orange Grove Ave. and Dakota St.

SANTA MONICA, Cal.—Until 10 a. m., Aug. 21, bids will be received by city council to improve 3rd St. between Santa Monica Blvd. and Montana Ave., by paving with 1 1/2-in. asphalt wearing surface on 3 1/2-in. asphalt conc. base; constructing cem. curb, walk and reinf. conc. pipe storm drain complete; 1911 Act.

Until 10 a. m., Aug. 22, bids will be received to improve Wilson Place between 8th St. and n. e. line of Tr. 2290, by grading, paving with 4-in. cem. curb, constructing cem. conc. curbs, 6-in. cem. house sewers; 1911 Act. John A. Morton, city engineer.

BERKELEY, Alameda Co., Cal.—Oakland Land Agency, 5000 Broadway, Oakland, at approximately \$18,000, submits only bid to U. of C. to improve portion of Oxford St., with 4-in. asphalt conc. base, with 2-in. Warrentite surface pavement. Taken under advisement.

BERRANK, Cal.—N. J. Curren awarded contract at \$12,650 for paving Santa Anita Ave. by laying approximately 54,912 sq. ft. oil tamped road way, 15,125 sq. ft. walk, 26,400 sq. ft. gutters, 2948 cu. yds. grading, 4334 ft. curb, 1440 sq. ft. returns.

LOS ANGELES, Cal.—Adam Dalmatin and Miss Gough, 841 W. 62nd St., awarded contract by board of public works, at \$149,253.94, for sewers in El Sereno Ave., between Alhambra Ave. and Huntington Drive north.

WOODLAND, Yolo Co., Cal.—County Surveyor Asa G. Proctor will confer with State railroad commission regarding the construction of a subway beneath tracks of Sacramento-San Francisco railroad at Riverview crossing.

SALEM, Ore.—Sloan Constr. Co., Spokane, Wash., at \$69,162, awarded contract by State highway commission to construct Unit 2, Island City-Elgin section of La Grande-Enterprise highway; 11.5 miles surfacing.

OAKLAND, Cal.—Following bids received by city council for earth fill and macadam road around Lake Merritt:

Hutchinson Co., Hutchinson Bldg., Oakland, (1) \$7,160 ft. rock pavement, \$115; 3058 cu. yds. cut and 8755 yds. fill exclusive rock pavement, lump sum, \$3680.

Oakland Paving Co., 5000 Broadway, Oakland, (1) \$115; (2) \$4400. Bates & Brland, Oakland Bank of Savings Bldg., Oakland, (1) \$10; (2) \$3200. Taken under advisement. W. W. Harmon, city engineer.

SAN RAFAEL, Marin Co., Cal.—Until Sept. 6, 10 a. m., bids will be received by Rob. E. Graham, county clerk, to improve portion of Tomales Valley Ford county road, in District 4, involving 9850 cu. yds. grading; 35 ft. 24x36-in. and 30 ft. 4x6-ft. and 30 ft. 4x8 ft. conc. box culvert; 30 lin. ft. 8-in., 40 lin. ft. 10-in., 18 lin. ft. 12-in., 30 lin. ft. 18-in. and 90 lin. ft. 30-in. corr. iron pipe; 9 catchbasins; 2000 cu. yds. surfacing. George M. Dodge, county surveyor.

SAN DIEGO, Cal.—The bid of H. G. Fenton at \$49,508, to improve 31st and Elm Sts., was rejected by the city council as too high.

SAN FRANCISCO—City Engineer M. M. O'Shaughnessy preparing specifications to complete improvement of Sloat Blvd. by grading and paving north section thereof, from 19th to 36th Ave. Estimated cost, \$54,000.

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am't
2987	Johnson	Owner	26000
2988	Rothberg	Owner	500
2989	Schieve	Owner	8000
2990	Starks	American	2400
2991	Brown	Boxton	9000
2992	Whittell	Owner	6000
2993	Sunset	Gough	10000
2994	Phelan	orthington	2746
2995	Rasmussen	Madden	4000
2996	Ruffieux	Glaser	1150
2997	Maccagno	Madden	4000
2998	McLeod	Warden	3533
2999	McLeod	Warden	3533
3000	Two Thousand	Emanuel	39860
3001	Same	Rigney	8029
3002	Sale	Meyer	4500
3003	Bulion	Urfer	2830
3004	Meyer	Allen	18000
3005	Crocker	Samuelson	3900
3006	Same	Same	3900
3007	Same	Same	3400
3008	Cerelli	Montani	8500
3009	Creamer	Owner	1800
3010	Grassi	Owner	5000
3011	Rasmussen	Madden	4000
3012	U. S. Metal	Schell	4000
3013	Clark	Johnson	8000
3014	Lesswing	Owner	5000
3015	Constine	Barker	12126
3016	Breitman	Arnott	2550
3017	Judd	Moren	3171
3018	Amoroso	Amoroso	11847
3019	Mallos	Sharman	8600
3020	Ortelg	Nelson	4000
3021	Wade	Owner	7000
3022	Zeiss	Kann	9000
3023	Nelson	Owner	9000
3024	Sheridan	Owner	2000
3025	Sherwood	Klahn	8500
3026	Feerick	Owner	8000
3027	Hopkinson	Conrach	3500
3028	Volker	Palmer	5000
3029	Roth	Barrett	2000
3030	Speckman	Steiner	1400
3031	Mallos	Sharman	8600
3032	Gump	Owner	85000
3033	Levin	Metcalfe	2588
3034	Levin	Atlas	1485
3035	Levin	Davidson	2416
3036	Smith	Clinton	5500
3037	Buchanan	Denke	20000
3038	Schlegel	Owner	2450
3039	Hicks	Calif Bldrs	5750
3040	Stur	Owner	65000
3041	Stahlberger	Bryant	3046
3042	Schmell	Feeless	3500
3043	Trott	Owner	3000
3044	Janssen	Owner	15800
3045	Homes	McIntosh	11000
3046	Stodelberger	Bryant	3046
3047	Ortelg	Nelson	5750
3048	Koufas	Koenig	10000
3049	Stathos	Inglis	4500
3050	Helms	Owner	2500
3051	Veil	Barrett	85000
3052	McLeran	Owner	100000
3053	Faye	Owner	2500
3054	Heise	Olsen	27000
3055	Kuen	Owner	1000
3056	Danner	Hjul	8000
3057	McAdam	Andersen	5000
3058	New Era	Owner	2000
3059	Hoin	Hoin	12000
3060	Berti	Inglis	4000
3061	Bjorkmark	Owner	6000
3062	Tollini	Sartorio	6000
3063	Pappas	Weber	4500
3064	Carusic	Owner	12000
3065	Furler	Forbes	11447
3066	Cerelli	Montani	7275

APARTMENTS

(2987) E. POLK 40 S. GREENWICH. Three-story and basement frame (12) apartments.
Owner—Axel A. Johnson, 632 Belvedere St., San Francisco.
Architect—None. \$20,000

STREET SUPPORT.

(2988) S. E. ELLIS AND JONES STS. Construct reinforced concrete slab, beam and columns to support street.
Owner—A. Rothberg, 352 M St., San Anselmo, Cal.
Architect—None. \$500

FLATS.

(2989) N. HUGO 95 E. 5TH AVE. Two-story and basement frame (2) flats.
Owner—Richard Schieve, 1252 4th Ave., San Francisco.
Architect—Cox Bros., 1350 9th Ave., San Francisco. \$8000

ALTERATIONS.

(2990) S. MARKET 80 W. 4th. Alter store front, add mezzanine floor.
Owner—Robert Starks, 987 Market St., San Francisco.
Architect—Frederick C. Munk, Jr., 58 Francis St., San Francisco.
Contractor—American Furniture Mfg. Co., 1709 Mission St., San Francisco. \$2400

REMODEL FOR FLATS.

(2991) 165 BUENA VISTA AV. Remodel present building for (2) flats.
Owner—A. A. Brown, 425 Kearny St., San Francisco.
Architect—W. H. Crim, Jr., 425 Kearny St., San Francisco.
Contractor—Eoxton & Zwieg, Flatiron Bldg., San Francisco. \$9000

GARAGE.

(2992) S. E. CALIFORNIA AND Jones Sts. One-story and basement frame (private) garage.
Owner—Whittell Realty Co., 166 Geary St., San Francisco.
Architect—Chas. E. Gottschalk, Phelan Bldg., San Francisco. \$6000

REMODEL CAFETERIA.

(2993) 25 MASON ST. Remove partitions; plumbing; erect mezzanine floor; install kitchen equipment; 3 electric elevators; service counters, etc.
Owner—Sunset Cafeteria, 40 O'Farrell St., San Francisco.
Architect—None.
Contractor—A. S. Gough, 623 Minna St., San Francisco. \$10,000

ROTARY PUMP & MOTOR.

(2994) O'FARRELL AND MARKET Sts. All work for rotary pump and motor in Phelan Bldg.
Owner—James D. Phelan, Phelan Bldg., San Francisco.
Architect and Engineer—Thomas Morrin, Phelan Bldg., San Francisco.
Contractor—The Worthington Co., Sharon Bldg., San Francisco.
Filed Aug. 4, 1922. Dated July 7, 1922. Pump and motor placed.....\$1373.00
Pump ready for service..... 686.50
Usual 35 days..... 686.50
TOTAL COST, \$2746
Bond, none; sureties, none; forfeit, none; 84 days after July 7, 1922. Plans and specifications, none.

DWELLING

(2995) S. NEWCOMB 262 1/2 E Lane One and one-half-story and one-story frame dwelling.
Owner—C. M. Rasmussen, 1538 Galvez St., San Francisco.
Architect—None.
Contractor—Madden-Hammersmith Development Co., 530 Pacific Bldg., San Francisco. \$1000

BACK OVEN

(2996) NO. 742 O'FARRELL. Construct bake oven.
Owner—L. Ruffieux, 211 Powell St., San Francisco.
Architect—None.
Contractor—J. P. Glaser, 2480 Union St., San Francisco. \$1150

DWELLINGS

(2997) S. NEWCOMB 75 W. Keith. One-story and basement frame dwelling.
Owner—A. Maccagno, 1510 Underwood St., San Francisco.
Architect—None.
Contractor—Madden-Hammersmith Development Co., 530 Pacific Bldg., San Francisco. \$4000

PLUMBING, ETC.

(2998) E. FORTY-THIRD AVE. L & S Irving. Plumbing and heating for one-story and basement frame residence.
Owner—J. J. McLeod, % Architect.
Architect—O'Brien Bros., Inc., 210 Montgomery St., San Francisco.
Contractor—F. Warden, 240 Montgomery St., San Francisco.
Filed Aug. 5, '22. Dated June 24, '22. Frame enclosed.....\$1283.00
Interior plastered..... 683.37
Completed and accepted..... 683.38
Usual 35 days..... 883.25
TOTAL COST, \$3533.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications, none.

PLUMBING, ETC.

(2999) E. FORTY-THIRD AVE 175 S Irving. Plumbing and heating for one-story and basement frame residence.
Owner—J. J. McLeod, % Architect.
Architect—O'Brien Bros., Inc., 240 Montgomery St., San Francisco.
Contractor—F. Warden, 240 Montgomery St., San Francisco.
Filed Aug. 5, '22. Dated June 24, '22. Frame enclosed.....\$1283.00
Interior plastered..... 683.37
Completed and accepted..... 683.38
Usual 35 days..... 883.25
TOTAL COST, \$3533.00
Bond, limit, forfeit, none. Plans and specifications none.

INTERIOR FINISH

(3000) NW WASHINGTON & GOUGH W 68-9XN 129-8 1/4. Interior finish for seven-story, basement and attic Class B reinforced concrete apartments.
Owner—Two Thousand Washington St., Inc., % Architect.
Architect—C. A. Meussdorfer, Humboldt Bank Bldg., San Francisco.
Contractor—L. E. Emanuel, Inc., 1530 Filbert St., San Francisco.
Filed Aug. 6, '22. Dated Aug. 1, '22. On 1st and 15th of each month 15 %
Usual 35 days..... 25%
TOTAL COST, \$39,860
Bond, \$20,000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 30 days. Forfeit, \$25. Bonus, \$25. Plans and specifications filed.

(3001) TILING ON ABOVE.

Contractor—Rigney Tile Co., 180 Jessie St., San Francisco.

Filed Aug. 5, '22. Dated July 17, '22.
 30% done \$3345.76
 75% done 1672.50
 Completed 1672.50
 Usual 35 days 2230.00
TOTAL COST, \$3920.76
 Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

COTTAGE

(3002) E TWENTY-SIXTH AVE 300 N Cabrillo. All work for six-room cottage.

Owner—W. H. Sube, 2221 Clement St., San Francisco.
 Architect—None.
 Contractor—Meyer Bros., 5326 Geary St., San Francisco.

Filed Aug. 5, '22. Dated July 12, '22.
 Frame up \$1125
 Brown coated 1125
 Completed 1125
 Usual 35 days 1125
TOTAL COST, \$4500
 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications, none.

REPAIRS

(3003) NO. 442 ELLIS ST. Repair fire damage to dwelling.

Owner—Alfred H. Bulfinch, Ross, Calif.
 Architect—None.
 Contractor—Chas. E. Urfer, 134 Halliwell St., San Francisco \$2830

FRAME FLATS

(3004) E FIFTH AVE 421 N Lake. Two story and basement frame (2 flats).

Owner—E. F. Meyer, 5% Architect.
 Architect—Earle Bertz, 168 Sutter St., San Francisco.
 Contractor—Allen & Co., 168 Sutter St., San Francisco. \$18,000

DWELLING

(3005) S GENEVA 153 W Athens. One-story and basement frame dwelling.

Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
 Architect—None.
 Contractor—A. M. Samuelson, 290 Ralph St., San Francisco. \$2900

DWELLINGS

(3006) S GENEVA 53 and 139 W Athens. Two one-story and basement frame dwellings.

Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
 Architect—None.
 Contractor—A. M. Samuelson, 290 Ralph St., San Francisco. \$3900 each

DWELLING

(3007) S GENEVA 28 W Athens. One-story and basement frame dwelling.

Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
 Architect—None.
 Contractor—A. M. Samuelson, 290 Ralph St., San Francisco. \$3400

RESIDENCE

(3008) N UNION 204 W Jones. Two-story and basement frame residence.

Owner—D. Correll, 658A Green St., San Francisco.
 Architect—J. A. Porporato, 619 Washtington St., San Francisco.
 Contractor—S. Montani, 1753 Greenwich St., San Francisco. \$8500

DWELLING

(3009) W JULES AVE 100 N De Montford. One-story and basement frame dwelling.

Owner—John Creamer, 111 Plymouth Ave., San Francisco.
 Architect—William Mills, 1957 10th Ave., San Francisco \$1800

D'WELLING

(3010) N MERCED 37 E Madrone. One and one-half-story and basement frame dwelling.

Owner—P. Grassi, 808 First Ave., San Francisco.
 Architect—Lang Realty Co., 219 First National Bank Bldg., San Francisco. \$5000

DWELLING

(3011) S NEWCOMBE 262½ E Lane. Two-story and basement frame dwelling.

Owner—C. M. Rasmussen, 1358 Galvez St., San Francisco.
 Architect—None.
 Contractor—Madden-Hammersmith Development Co., 530 Pacific Bldg., San Francisco. \$4000

MFG PLANT

(3012) W TENTH 287-6 S Folsom. One-story and mezzanine brick manufacturing plant.

Owner—U S Metal Products Co., 339 Tenth St., San Francisco.
 Architect—None.
 Contractor—Samuel Schnell, 180 Jessie St., San Francisco. \$4000

DWELLING

(3013) W TWENTY-SIXTH AVE 150 3 Taraval. One-story and basement frame dwelling.

Owner—C. T. Clark, 231 Rivoli St., San Francisco.
 Architect—L. E. Poyser, 2447 26th Ave., San Francisco.
 Contractor—Edward A. Johnson, 2445 26th Ave., San Francisco. \$5000

DWELLING

(3014) W TWENTY-SIXTH AVE 12 S Taraval. One-story and basement frame dwelling.

Owner—Charlotte R. Lesswing, 682 23d Ave., San Francisco.
 Architect—S. A. Lesswing, 682 23rd Ave., San Francisco. \$5000

FLATS

(3015) W FOURTEENTH AVE 224 N Cabrillo N 25x140. All work for two flats.

Owner—Louis S. and Isabelle Constine, 411 15th Ave., San Francisco.
 Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contractor—J. B. Barker, 1219 Page St., San Francisco.

Filed Aug. 7, '22. Dated Aug. 7, '22.
 When 2d story under floor laid. \$1518
 Root sheathing and rustic on. 1515
 Brown coat mortar on. 3030
 Completed 3030
 Usual 35 days 3030
TOTAL COST, \$12,120

Bond, \$6000. Surety, J. E. Barker. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW

(3016) E CAPITOL 200 N Grafton N 25x112-6. All work for four-room bungalow.

Owner—Max Breitman, 1560 Jackson St., San Francisco.
 Architect—None.
 Contractor—James Arnott & Son, 2233 19th Ave., San Francisco.

Filed Aug. 7, '22. Dated May 29, '22.
 30 days after frame up 25%

30 days after brown coated 25%

50 days after completed 25%

Usual 35 days 25%

TOTAL COST, \$2550
 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(3017) NO. 49 PARK HILL AVE. All work for alterations and additions to building.

Owner—Corbit A. Judd, Premises.
 Architect—None.
 Contractor—George R. Moren, 125 Falcon Ave., San Francisco.

Filed Aug. 7, '22. Dated Aug. 7, '22.

Forchus, roof and concrete work completed \$1058
 Plumbing & painting completed 1058
 Completed \$3171
TOTAL COST, \$3171

Bond, limit, forfeit, none. Plans and specifications filed

FLATS

(3018) E FRANKLIN 130 S Filbert S 27-ex100. All work except hardware, chandeliers, shades and paper for two flats.

Owner—Emilio Histi, 481 Vallejo St., San Francisco.

Architect—None.
 Contractor—F. C. Amoroso, 1326 Kearny St., San Francisco.

Filed Aug. 7, '22. Dated July 31, '22.
 Frame up and roof on \$2961.75

Brown coated 2961.75
 Completed 2961.75
 Usual 35 days 2961.75

TOTAL COST, \$11,847.00
 Bond, \$5950. Sureties, Tony Damico & Natalie Arieta. Limit, 90 days after Aug. 15, 1922. Forfeit, none. Plans and specifications filed.

FLATS

(3019) S CLEMENT 82-6 W Twelfth Ave. All work for two flats and store.

Owner—Theodore Mallos.
 Architect—None.
 Contractor—Thos. R. Sharman, 1440 Shafter Ave., San Francisco.

Filed Aug. 7, '22. Dated Aug. 7, '22.
 Frame up \$2150

Plaster on 2150
 Completed 2150
 Usual 35 days 2150

TOTAL COST, \$8600
 Bond, \$4300. Sureties, National Securities Co. of New York. Limit, forfeit, none. Plans and specifications filed.

DWELLING

(3020) W FAXON AVE 329 S Wildwood Way. One-story and basement frame dwelling.

Owner—H. Orteig, 425 New Call Bldg., San Francisco.

Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.

Contractor—Nelson Bros., 1375 Plymouth Ave., S. F. \$4000

FRAME FLATS

(3021) S GEARY 32-6 B Second Ave. Two-story and basement frame (2 flats and store).

Owner—E. J. Wade, 2448-B Fulton St., San Francisco.

Architect—None. \$7000

FRAME FLATS

(3022) F SIXTEENTH AVE 125 N Fulton. Two-story and basement frame (2 flats).

Owner—Louis Zeiss, Ross Valley, Cal. Plans by Contractor.

Contractor—Jos. Kann, 4600 Linwood Ave., Oakland. \$9000

DWELLINGS

(3023) S PHELAN AVE 30 and 60 N Judson and NW Phelan and Judson Ave. Three one-story and basement frame dwellings.

Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.

Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$3000 each

RETAINING WALL

(3024) NE JONES AND O'FARRELL. Reconstruct retaining wall.

Owner—Sheridan Procter Co., 856 Mills Bldg., San Francisco.

Constr. Manager—Frederick Whitton, 369 Pine St., San Francisco. \$2000

FRAME FLATS

(3025) SE EIGHTEENTH AVE AND Irving. Two-story and basement frame (2 flats).

Owner—S. E. Sherwood, 1312 18th Ave., San Francisco.

Architect—None.
Contractor—Arthur Klahn, 1331 21st Ave., San Francisco. \$8,500

RESIDENCES
(3026) E EIGHTEENTH AVE 100 and 125 S Cabrillo. Two two-story and basement frame residences.
Owner—J. J. Ferick, 520 6th Ave., San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco. \$4000 each

RESIDENCE
(3027) N SEVENTEENTH 125 E Stanton. One-story and basement frame residence.
Owner—Mrs. Catherine Hopkins.
Architect—Wm. J. Wilkinson, 101, American Bank Bldg., Oakland.
Contractor—R. Conrach, 1017 American Bank Bldg., Oakland. \$2500

ALTERATIONS
(3028) NO. 625 HOWARD. Re-framing interior partitions; construct mezzanine floor; equipping quarters with sprinkling system.
Owner—Wm. Volker & Co., New Montgomery and Howard Sts., S. F.
Architect—Willis C. Lowe, 782 Monmouth Bldg., San Francisco.
Contractor—P. A. Palmer, 782 Monmouth Bldg., S. F. \$5000

ADDITION
(3029) SE WASHINGTON & LOCUST. Add one-room to dwelling and minor repairs.
Owner—Lester Roth, 3203 Pacific Ave., San Francisco.
Designer—Ray Coyle, 251 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. \$2000

DWELLING
(3030) W HARTFORD bet. 19th and 20th. Ore-story and basement frame dwelling.
Owner—John A. Speckman, 234 Hartford St., San Francisco.
Architect—None.
Contractor—Herman O. Steiner, 2344 Market St., San Francisco. \$1400

FLATS
(3031) S CLEMENT 82-6 W Twelfth Ave. Two-story and basement frame store and flat.
Owner—Theodor Mallos, 181 Ellis St., San Francisco.
Architect—None.
Contractor—Thos. R. Shorman, 1440 Shafter Ave., S. F. \$8600

APARTMENTS
(3032) SW GEARY AND JONES. Six story and basement reinforced concrete (35) apartments.
Owner—S. & G. Gump Realty Co., 246 Post St., San Francisco.
Architect—Milton Latham, 464 Montgomery St., San Francisco.
Segregated Contracts. \$85,000

ELECTRIC WORK
(3033) LOTS 15, 16 AND 17 and Pin Lot 14 Blk 3196, Westwood Park. Electric work for Class A theatre and Class C store building.
Owner—Samuel H. Levin.
Architect—Reld Bros., 105 Montgomery St., San Francisco.
Contractor—G. A. Metcalfe, 397 Turk St., San Francisco.
Filed Aug. 8, '22. Dated July 20, '22. On 6th day of each month. 75%
Usual 35 days. TOTAL COST, \$25,875
Bond, \$1294. Sureties, Jos. Greenback and Wm. Klein. Limit, forfeit, none. Plans and specifications filed.

(3034) HEATING AND VENTILATING on above.
Contractor—Atlas Heating Co., 4th and Freelon Sts., San Francisco.

Filed Aug. 8, '22. Dated Aug. 1, '22.
Payments same as above.
TOTAL COST, \$1435
Bond, \$712.50. Sureties, ———. Limit, without delay. Forfeit, none. Plans and specifications filed.

PLUMBING WORK ON ABOVE
Contractor—Frank Davidson, 775 Polson St., San Francisco.
Filed Aug. 8, '22. Dated Aug. 3, '22.
Payments same as above.
TOTAL COST, \$2416
Bond, \$1208. Sureties, Thos. J. Guilloy and Herman Lawson. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

EXCAVATION WORK
(3036) N. SUTTER 137-6 E JONES. Excavation work.
Owner—Geo. D. Smith, 735 Taylor St., San Francisco.
Architect—Kenneth MacDonald and Maurice Couchot, 234 Pine St., San Francisco.

Contractor—Clinton Constr. Co. of Cal., 140 Townsend St., San Francisco.
Filed Aug. 8, 1922. Dated Aug. 5, 1922.
TOTAL COST, \$5500
Bond, \$3000; sureties, A. Huber, Jr., and Wm. Joyner; limit, 14 days. Plans and specifications filed.

FRAME BUILDING
(3037) NE BROADWAY AND TAYLOR. Three-story frame building.
Owner—Wm. and Margaret Buchanan, 1738 Larkin St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Contractor—E. H. Denke and E. W. Bowes, 1317 Hyde St., San Francisco.
Filed Aug. 8, 1922. Dated May 6, 1922.
2d floor joists set \$3458
Sheated, rustic and roof on \$3458
Plastered \$3458
Completed and accepted \$3458
Usual 35 days \$6168
TOTAL COST, \$20,000
Bonds, \$10,000; sureties, E. H. and Ella H. Denke; limit, 120 days. Plans and specifications filed.

ALTERATIONS
(3038) NO. 463 CASTRO. Remove rooms of lower flat; construct basement and install store front.
Owner—M. Schlegel, 463 Castro St., San Francisco.
Architect—L. M. Weismann, 1951 Market St., San Francisco. \$2450

DWELLING
(3039) S BROADWAY 137-6 W Buchanan. One-story and basement frame dwelling.
Owner—A. M. Hicks, California Market, San Francisco.
Designers—California Builders Co., 1534 Franklin, Oakland.
Contractor—California Builders Co., 1534 Franklin St., Oakland. \$5750

APARTMENTS
(3040) S O'FAHELL 200 W Hyde. Five-story and basement Class C concrete (32) apartments.
Owner—J. Steur, 1409 Geary St., San Francisco.
Architect—None. \$65,000

REPAIRS
(3041) NO. 155 RUSS ST. Repair fire damage to flats.
Owner—Fred Stahlberger, 185 Stevenson St., San Francisco.
Architect—None.
Contractor—J. A. Bryant, 185 Stevenson St., San Francisco. \$3046

BUNGALOW
(3042) N TARAVAL 25 W Thirty-sixth Ave. One-story hollow tile bungalow.
Owner—Otto Schമ്മell, 105 Montgomery St., San Francisco.

Architect—None.
Contractor—Peerless Constr. Co., 3867 18th St., San Francisco. \$3500

DWELLING
(3043) W THIRTY-SIXTH AVE 50 N Cabrillo. Two-story and basement frame dwelling.
Owner—Roy A. Pratt, 7140 Geary St., San Francisco.
Architect—None. \$3000

DWELLINGS
(3044) W TWENTY-SECOND AVE 100, 125, 150 and 175 S Balboa. Four one-story and basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950 each

DWELLING
(3045) ST. FRANCIS WOOD EXTENSION Lot 21 Blk 19. Excavation, concrete work, brick work, flues tile, sheet metal work, plaster, carpentry, shingle roof, hardware, mill work, electric work, plumbing, etc., for dwelling.
Owner—Homes Loan Corp.
Architect—Henry H. Gutterson, 27½ Post St., San Francisco.
Contractor—McIntosh Bros., 180 Jessie St., San Francisco.
Filed Aug. 9, '22. Dated Aug. 1, '22.
Frame up \$2750
Interior and exterior brown coated 2750
Completed and accepted 2750
Usual 35 days 2750
TOTAL COST, \$11,000
Bond, \$5000. Sureties, Wm. Smith and Theodore De Pas. Limit, 100 days after Aug. 9. Forfeit, \$5. Plans and specifications filed.

REPAIRS
(3046) NO. 155-165A RUSS ST. All work required to restore fire damage.
Owner—F. Stadelberger.
Architect—None.
Contractor—J. A. Bryant.
Filed Aug. 9, '22. Dated Aug. 1, '22.
Aug. 18, 1922 \$1500
On completion 1546
TOTAL COST, \$3046
Bond, limit, forfeit, plans and specifications, none.

RESIDENCE
(3047) LOT 11 FLK 3175, Westwood Park. All work for one-story and basement frame residence.
Owner—Regina Orteig.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Fans Nelson, 1375 Plymouth Ave., San Francisco.
Filed Aug. 9, '22. Dated July 18, '22.
Roof on \$1437.50
Plastered interior & exterior 1437.50
Completed and accepted 1437.50
Usual 35 days 1437.50
TOTAL COST, \$5750.00
Bond, limit, forfeit, none. Plans and specifications filed.

FRAME FLATS
(3048) SW BALBOA AND FOURTH AVE. Two-story and basement frame (4) flats.
Owner—Nic Koufos, 3rd Ave. and Balboa, San Francisco.
Architect—W. Koenig, 520 Church St., San Francisco.
Contractor—Chas. J. U. Koenig, 520 Church St., S. F. \$12,000

DWELLING
(3049) S DAY 155 E Church. One-story and basement frame dwelling.
Owner—Peter Stathos, 81 4th St., S. F.
Architect—None.
Contractor—Ingils & Kirby, 2243 Fillmore St., S. F. \$4500

DWELLING

(3056) S FORTY-FIRST AVE. 225 E. Cabrillo. One-story and basement frame dwelling.
Owner—E. Helms, 1574 Howard St., San Francisco.
Plans by Owner. \$2500

LOFTS, ETC.

(351) E FREMONT 200 N Mission. Four-story and basement Class C salesroom and lofts.
Owner—C. B. and J. C. Weil, 65 Battery St., San Francisco.
Architect—Sam Lightner Hyman, Foxcroft Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., S. F. \$85,000

WAREHOUSE

(3652) SE HARRISON AND MARIPOSA. Two-story Class B warehouse.
Owner—Ralph McLeran Co., Hearst Bldg., San Francisco.
Architect—None. \$100,000

DWELLING

(3053) E HOLLODAY 432 S Eve. One-story and basement frame dwlg.
Owner—Jas. H. Foye, 184 Holladay Ave., San Francisco.
Architect—None. \$2500

APARTMENTS

(3054) S MARKET 269-74 N Noc. Three-story frame (9) apartments.
Owner—W. F. Heise, 110 Sutter St., Rm. 711, San Francisco.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor—Olsen & Persson, 289 Fell St., San Francisco. \$27,000

ADDITION

(3055) NW PACIFIC AND GRANT AVE. Add one-story frame to dwelling.
Owner—Juan Kuen.
Architect—J. E. Peyser, 2247 26th Ave., San Francisco. \$1000

PRINTING SHOP

(3056) W SEVENTH 125 S Howard. One-story and mezzanine floor concrete printing shop.
Owner—Alice M. E. Danner.
Engineer—J. H. Hjul, 1342 Mission St., San Francisco.
Contractor—J. H. Hjul, 1342 Mission St., San Francisco. \$8000

ALTERATIONS

(3057) NO. 872 SUTTER. Alterations to interior of apartments.
Owner—M. V. B. McAdam, Premises.
Architect—None.
Contractor—J. M. Andersen, 1617 Pacific Ave., San Francisco. \$3800

DWELLING

(3058) W SEARS 125 N Sickles. One-story and basement frame dwlg.
Owner—New Era Building Co., 3289 Mission St., San Francisco.
Architect—None. \$2000

FLATS

(3059) N. E. CALIFORNIA and 25th Ave. Two-story and basement frame (4) flats.
Owner—Mrs. Minnie Hoin, 1739 Washington St., San Francisco.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor—Theo. S. Hoin, 1937 Washington St., San Francisco. \$12,000

DWELLING

(3060) S. DAY 180 E. Church. One-story and basement frame dwelling.
Owner—Armando Berti, 3326 Mission, San Francisco.
Architect—None.
Contractor—Ingalls & Kirby, 2248 Fillmore St., San Francisco. \$4000

DWELLINGS

(3061) W. FORTY-FIFTH AVE., 206 N. Anza. Two one-story and basement frame dwellings.
Owner—John Bjorkman, 571 Valencia St., San Francisco.
Architect—None. \$3000 each

RESIDENCE

(3062) E. GOUGH 58 S. Filbert. One-story and basement frame residence.
Owner—E. Tollini.
Architect—W. H. Crim, Jr., 425 Kearny St., San Francisco.
Contractor—P. Sartorio, 425 Kearny St., San Francisco. \$6000

ALTERATIONS

(3063) E. POTRERO AVE. 35 S. Sixteenth. Raise two flats; add social rooms; store in first floor; porches; plumbing; stairway, etc.
Owner—J. & W. Pappas, 315 Potrero Ave., San Francisco.
Architect—Frank M. Weber, 2224 Mariposa St., San Francisco. \$4700

DWELLINGS

(3064) E. THIRTY-NINTH AVE. 129, 150 and 180 S. Anza. Three one-story and basement frame dwlg.
Owner—L. M. Caruso Co., 5345 Geary St., San Francisco.
Architect—None. \$4000 each

FRAME BLDG.

(3065) S. FIFTEENTH 150 E. Church E. 25x160. Two-story frame bldg.
Owner—Ambrose Farrer, % Architect
Architect—Martin A. Sheldon, 110 Sutter St., San Francisco.
Contractor—R. J. H. Forbes, Monadnock Bldg., San Francisco.
Filed Aug. 10, '22. Dated Aug. 9, '22.
Frame up \$2861
Brewn coated 2862
Completion 2862
Usual 35 days 2862
TOTAL COST, \$11,447

Bond, \$5724. Sureties, Minnie C. Forbes and John C. Quaratto, Limit, 100 working days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported June 22, 1922 No. 1559.

RESIDENCE

(3066) NW UNION AND BAY VIEW Place W. 17 x N. 60. All work for two-story residence.
Owner—D. Cercili.
Architect—J. A. Porporato, 619 Washington St., San Francisco.
Contractor—S. Montani, 1153 Greenwich St., San Francisco.
Filed Aug. 10, '22. Dated Aug. 7, '22.

Frame up \$1700
Enclosed and attached 1890
Completed 1775
Usual 35 days 2000
TOTAL COST, \$2725
Bond, \$4000. Surety, S. Montani, Limit, 50 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Aug. 9, 1922—LOT 46 BLK 3, Sunny-side. Ernest Packman to whom it may concern Aug. 9, 1922
Aug. 9, 1922—E. JONES 62-6 S Lombard S. 25x E. 87-6. Mrs. Katie Hall to G. Chiappe & L. Coppeloth. Aug. 9, 1922
Aug. 9, 1922—S. BUSH 122-5 W. Jones W. 33-45x137-6. Eva Cabanski to whom it may concern. Aug. 9, 1922
Aug. 10, 1922—E. TWENTY-FIRST Ave. 100 N. Anza N. 25x E. 120. Rudolph and wife Annie Pospisil to Iver Skirden. Aug. 5, 1922
Aug. 8, 1922—S. FLOOD AVE. WITH W. line lot 20 blk. 3138, Westwood Park thence along S. Flood Ave. N. 88 deg. 27 min. E. 43.545, thence parallel with E. line lot 20 and dist.

5 W. S. 0 deg. 33 min. E. 99.736, thence along S. line lot 20 N. 87 degrees 14 min. W. 31.458, thence along lot 20 N. 98.561 to beginning pt. lot 20 blk. 3138, Westwood Park. Willard and Pauline Becktell to Hans Nelson. Aug. 2, 1922

Aug. 8, 1922—W. LINE NINETEENTH AVE. 125 N. Clement St. Meyer Bros. to whom it may concern Aug. 7, 1922
Aug. 7, 1922—NW. TAYLOR and Golden Gate Ave. 137-6 x 192-6. W. S. Dinwiddie to Butte Elec. & Mfg. Co. Aug. 7, 1922
Aug. 7, 1922—SE. MASONIC AVE. and Haight S. 50 x E. 87-6. Lee O. Rodgers to P. J. McKenna and Edwin Bradshaw. Aug. 5, 1922
Aug. 7, 1922—N. GROVE 115-8 E. Ashbury E. 25 x N. 137-6. John A. and Julia A. McWilliams to John Milton Hooper. Aug. 1, 1922
Aug. 7, 1922—W. SANSOME 46-10 1/2 m. or l. N. Sutter N. 91-6 x W. 122-9. Anglo & London-Paris National Bank to L. H. Price. Aug. 7, 1922
Aug. 7, 1922—E. TWENTY-THIRD Ave. 200 S. Cabrillo S. 50 x E. 120. Andrew V. Anderson to whom it may concern July 31, 1922
Aug. 7, 1922—LOT 9, BLK. 4, SUNNYSIDE ADE, 100 Hamburg St. Irene Carlson to whom it may concern. Aug. 5, 1922
Aug. 7, 1922—SW. CLEMENT AND Seventeenth AVE. S. 75 x W. 25. Dr. Louis Geminiani to E. J. Montgomery. Aug. 4, 1922
Aug. 7, 1922—LOT 27, BLK. 3177, Westwood Park. Leslie and Lela J. Smythe to Hans Nelson. Aug. 1, 1922
Aug. 7, 1922—S. FLOOD AVE. 89 deg. 27 min. W. 5 from W. line lot 21 blk. 3138, Westwood Park, and running thence along S. Flood Ave. 89 deg. 27 min. E. 32-5, thence parallel with E. line lot 21 and dist. therefrom 12-5 W. S. 0 deg. 33 min. E. 101.619, thence along S. line lots 21 and 20 blk. 3138 N. 87 deg. 14 min. W. 32-554 N. 0 deg. 33 min. W. 99.735 to beginning pt. lots 20 and 21 blk. 3138 Westwood Park. Geo. W. and Gertrude Hicks to Hans Nelson. Aug. 2, 1922
Aug. 8, 1922—W. FOURTEENTH Ave. 144-11 N. Anza N. 36 x W. 120. Samuel Rosencrantz, Lena Rosencrantz, Chas. J. McDonnell and Angela C. McDonnell to whom it may concern Aug. 8, 1922
Aug. 7, 1922—NW. TAYLOR and Golden Gate Ave. 137-6 to Taylor x 192-6. Junior Orpheum to W. S. Dinwiddie. Aug. 7, 1922
Aug. 5, 1922—N. CLEMENT 30 E. 22nd Ave. E. 25xN. 100. Elizabeth Lagomarsino to whom it may concern Aug. 5, 1922
Aug. 5, 1922—E. TWENTY-THIRD AVE. 100 N. Clement N. 25x E. 120. M. F. Storheim to whom it may concern Aug. 5, 1922
Aug. 5, 1922—E. TWENTY-THIRD AVE. 125 N. Clement N. 25x E. 120. M. F. Storheim to whom it may concern Aug. 5, 1922
Aug. 5, 1922—N. GROVE 149-8 F. Ashbury E. 25xN. 137-6. Chas. I. and Maud M. Smith to John M. Hooper. Aug. 3, 1922
Aug. 5, 1922—W. NINETEENTH A. 125 N. Fulton W. 120xN. 25. Wm. J. Loewe to Wm. Martin. Aug. 3, 1922
Aug. 5, 1922—S. EIGHTEENTH 100 Douglas 28-6x75. Mary A. McLaughlin to Wm. Reedy. Aug. 5, 1922
Aug. 4, 1922—NW. ELLIS AND BUCHAR. N. 75xW. 60. Edward J. an Henrietta Lewis to Chas. Schwa. Aug. 1, 1922
Aug. 4, 1922—W. FOURTEENTH A. 50 S. Cabrillo S. 25xW. 100. Nels Johnson to whom it may concern. Aug. 2, 1922

Aug. 4, 1922—W TENTH AVE 366-8
N Balboa N 33-4xW 120. Wm F
Windler to Collman & Spidel and
R Zellinsky. Aug. 1, 1922
Aug. 4, 1922—N LAKE 32-6 E 27th
Ave E 50xN 100. A Samuels to L
J Teibel. July 31, 1922
Aug. 4, 1922—12 ARGUELLO BLVD
104 N California. H Sieroty to
Monson Bros. July 26, 1922
Aug. 4, 1922—E LEAVENWORTH 89
N California 25x110. J Harold
Johnson to whom it may concern.
..... Aug. 1, 1922
Aug. 4, 1922—N ARMY 76 E Florida
Walter T Moldenhauer to Herman
S Melnhauer. Aug. 4, 1922
Aug. 4, 1922—N SUTTER 137-6 E
Larkin 27-6x87-6. E V Lacey and
Luis Blum to whom it may con-
cern. Aug. 2, 1922

3466 Howard
3467 Summers
3468 Johnson
2469 Barber
7410 Leal
3412 Teelson
3411 Turner
3413 Griffith
3414 Kell
3415 Church
3416 Union
5417 Broadhead
3418 Vivian
2419 Cunningham
7420 Grimmer
5421 Jerden
3422 Mazzola
3423 Haldrich
3424 Gleiss
3425 Burritt
3426 Collins
3427 Bloom
3428 Burritt
3429 Hendrickson
2430 Petersen
3431 Hill
2432 Rollar
2433 Kappa Phi
3434 Fristedt
3435 Prie
3426 Stranger
2437 Berkeley
3438 MacMillan
3439 MacGregor
3440 Elandow
3441 Walston
3442 Lefebury
3443 Buysie
2444 Hays
3445 Jan Rie
3446 Murphy
3447 Hamilton
3448 Fine
3449 Fisher
3450 Allison
3451 Omo
3452 Proctor
3453 Le Sure
3454 Thomas
3455 Couture
2456 Freitas
2457 Parker
3458 Roth
3459 Gatgen
2460 Bickman
3461 Davis
3462 Hoffman
2463 MacLean
2464 Andeman
3465 Sticker
2466 Albasio
3467 Reid
3468 Nevenberg
3469 Carter
3470 Whitthouse
3471 Courtright
3472 Lidell
3473 Houeh
3474 Berkeley

Owner
2500
Koeber
Barr
Stanley
Cahit
2404
Barnard
Hawkins
Laxton
Teddahl
Almelo
Owner
Owner
Bicklow
Muller
Nance
Owner
Garella
Orton
Souls
Owner
Owner
Shepard
Owner
Owner
Owner
Hamilton
Owner
Owner
Owner
Boeddecker
Owner
EK
Owner
Shade
Johnson
Schnelley
Peterson
Marlett
Owner
Owner
Owner
Erash
Owner
Owner
Anderson
Yerrick
Owner
Bar
Owner
Owner
Fayne
Kann
Owner
Barnett
Derasini
Owner
Owner
Heurt
Mathrey
Wishart
Owner
Owner
Nordstrom

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Aug. 9, 1922—NO. 121-123-125 CLE-
ment. G Giorsini vs James H and
Catherine Heney and G Moriconi \$500
Aug. 10, 1922—S CLEMENT 82-6 W
Second Ave W 25xS 100. No. 121-
123-125 Clement. Ginsberg Tile Co
vs James Heney and Geo Mori-
conie \$320
Aug. 8, 1922—W. LT. ROSE'S 60 W.
Masonic Ave., 75 x N. 100 ptn.
Junper Hd. Assn. Block A. Chris-
tensen Lumber Co. vs Rasmus Al-
bertsen and Mary Ostrander. \$77.74
Aug. 7, 1922—121-123-125 CLEMENT
St. James H. and Katherine
Heney to G. Moriconi. \$663.33
Aug. 4, 1922—W FRANKLIN 35-3 S
Broadway S 38x120. Martin and
Mitchell, \$285; Jack Callaghan,
\$450 vs Union Trust Co. Tr for
Alfred Zadig Jr. \$766.94
Aug. 4, 1922—NW JACKSON AND
Embarcadero N 60' W 85-6 S 20 E
20 S 40 E 56-6. H N McClure vs
Wellman Peck Co. \$766.94

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Aug. 9, 1922—NW LOUISBURG 184
SW Niagara SW 38xNW 103-6, John
N Ross to Frank De Laroche.

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Aug. 7, 1922—S. E. IRWIN 200 W.
Sixth, SW. 75 x 210. Southern Pa-
cific as to improvements on prop-
erty
Aug. 6, 1922—SE. PINE & KEARNY
29 x E. 57-6. Mortimer A. Sam-
uel as to improvements on prop-
erty

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the
contracts for this issue.

No.	Owner	Contractor	Amt.
592	McCall	Crane	5000
593	King	Starr	1500
595	Acacia	Owner	22750
596	Oates	Allen	4000
597	Penke	Kagus	2750
598	Daska	Legris	6500
599	Condrote	Kopf	6000
600	Teal	Burns	4000
601	Cramer	Owner	1250
602	P & G E	Francis	2200
603	Paley	Owner	7200
604	Teveria	Kopf	6000
605	Coit	Pearce	3200
		Coit	5990

DWELLING
(3292) NO. 2045 DEL NORTE, Ber-
keley. Two-story 7-room dwlg
Owner—Mary R. McCall, — Essex St.,
Berkeley.
Architect—None.
Contractor—C. B. Crane & Son, 269-
Cedar St., Berkeley. \$5000
FACTORY
(3393) NO. 2326-28 FIFTH ST. E. Ber-
keley. One-story factory.
Owner—King Ovan of Northern Cali-
fornia, Premises.
Architect—None.
Contractor—C. M. Starr, 2019 Delaware
St., Berkeley. \$1500
DWELLINGS
(3394) NO. 1749, 1751, 1755, 1759, 1761,
1765, 1771 and 1775 Hopkins St.,
Berkeley. Seven one-story 7-room
dwellings.
Owner—Roy O. Long Co., 2111 Shat-
tuck Ave., Berkeley.
Architect—None.
Day's work. \$3250 each
ADDITION
(3395) NO. 2717 HASTE ST., Berkeley
Addition.

Owner
2500
Acacia Fraternity, Premises
None.
Owner—R. E. Allen, 2718 Regent
St., Berkeley. \$4000
DWEELLING
(3396) NO. 151 PARKER, Berkeley.
One-story 5-room dwelling.
Owner—Richard Oates, 1903 E-58th St.,
Oakland.
Architect—None.
Contractor—Chas. Kagus, 2115 64th
Ave., Oakland. \$2750
DWEELLING
(3397) ONE EVERETT AND VISTA,
Oakland. One-story 5-room dwlg.
Owner—P. F. Penke, Mt. Eden.
Architect—None.
Contractor—L. H. Legris, 1351 Hampd-
en St., Oakland. \$6500
DWEELLINGS
(3398) N. E-SIXTEENTH 10 and 52 E
Fourth Ave., Oakland. Two
one-story 5-room dwellings.
Owner—Mrs. L. Daska, 136 Sybil Ave.,
Oakland.
Architect—None.
Contractor—Ben F. Kopf, 1015 82d Ave.,
Oakland. \$4000 each
DWEELLING
(3399) S. FOOTHILL BLVD 175 E 11st
Ave., Oakland. One-story 5-room,
1 bath and dwelling.
Owner—P. Condrote, San Francisco.
Architect—None.
Contractor—H. J. Bruns, 2971 Elmwood
Ave., Oakland. \$4000
ALTERATIONS
(3400) NO. 552 KALES AVE., Oak-
land. Alterations.
Owner—C. Teal.
Architect—None. \$1250
DWEELLING
(3401) S. LOCKWOOD 100 W 73rd Ave.,
Oakland. One-story 5-room dwlg
Owner—Mrs. H. Cramer, 1232 41th Ave.,
Oakland.
Architect—None.
Contractor—E. O. Francis, 2940 E-14th
St., Oakland. \$2200
TRANSFORMER HOUSE
(3402) N. HIDE LAKE TEMESCAL
Oakland. One-story concrete
transformer house.
Owner—Pacific Gas & Electric Co., 445
Sutter St., San Francisco.
Architect—None. \$7200
DWEELLINGS
(3403) S. MOROGA 40 and 80 W. Ra-
mona Ave., Oakland. Two one-
story 5-room dwellings.
Owner—W. A. Paley, at Mini Ave.,
Fiduciant.
Architect—None.
Contractor—Ben F. Kopf, 1015 82nd
Ave., Oakland. \$3000 each
DWEELLING
(3404) E. 96TH AVE, 50 S. Sunnyside,
Oakland. One-story 5-room dwell-
ing.
Owner—J. J. Teveria.
Architect—None.
Contractor—Jas. Pearce, 1351 Bay St.,
Alameda. \$3200
FLATS
(3405) W. SHATTUCK 30 S 57TH
St., Oakland. Two-story 8-room
flats.
Owner—Fort Inv. Co., 306 14th St.,
Oakland.
Architect—None.
Contractor—Roger Cort, 306 14th St.,
Oakland. \$5990
DWEELLING
(3406) W. 12TH AVE 44 S E-19th
St., Oakland. One-story 5-room
dwelling.
Owner—Thos. J. Howard, 1843 12th Ave.,
Oakland.
Architect—None. \$2500

DWELLING.

(3407) LOT 11 BLK. H, Map Excelsior, Oakland. One-story 6-room dwelling, except plumbing and sewerage. Owner—Thomas H. and Effie M. Summers, 228 Bissell St., Richmond.

Architect—None.
Contractor—Chas. J. L. Koester & Son, 5556 Wentworth Ave., Oakland.

Filed Aug. 4, 1922. Dated July 19, 1922.
COST PLUS 10%
Bond, none; forfeit, none; limit, 90 days. Plans and specifications filed.

DWELLING.

(3408) E HADDON ROAD 75 N Prospect, Oakland. Two-story 8-room dwelling.
Owner—Mrs. H. Johnson, 4080A Broadway, Oakland.

Architect—None.
Contractor—Barr & Son, 306 26th St., Oakland. \$9000

ALTERATIONS.

(3409) NO. 114 NINETY-FIRST AVE., Oakland. Alterations.
Owner—N. Garber.
Architect—None.
Contractor—J. A. Stanley, 1436 45th Ave., Oakland. \$1500.

APARTMENTS, ETC.

(3410) SW ALCATRAZ & COLLEGE, Berkeley. Two-story 18-room stores and apartments and 5 garages.

Owner—Phoebe Leal.
Architect—None.
Contractor—California Builders Co., 1534 Franklin St., Berkeley. \$21,000

REPAIRS.

(3411) NO. 2016 BERKELEY WAY, Berkeley. Fire repairs.
Owner—Miss O. Teelson.
Architect—None.
Contractor—C. S. Barnard, 2312-11 Prince St., Berkeley. \$1000

DWELLING.

(3412) NO. 1365 PLAKE ST., Berkeley. One-story 5-room dwelling.
Owner—L. B. Turner.

Architect—None.
Contractor—Hawkins & Thompson, 2135 Essex St., Berkeley. \$2700

APARTMENTS.

(3413) NO. 2228 CHANNING WAY, Berkeley. Two-story 18-room apartments.

Owner—E. R. Griffith.
Architect—Geo. Rushforth, 2321 Blake St., Berkeley.
Contractor—Arthur Laxton, 1909 Mission St., San Francisco. \$15,000

DWELLING.

(3414) NO. 1645 CAPISTRANO, Berkeley. One-story 5-room dwlg.
Owner—Bertha Keil, 2044 University Ave., Berkeley.
Architect—None.
Contractor—C. Texdahl, 5375 Belgrave Place, Oakland. \$3950

DWELLING.

(3415) NO. 1836 ROSE, Berkeley. One-story 5-room dwelling.
Owner—R. E. Church, 2123 Parker St., Berkeley.
Architect—None.
Contractor—Harry Ahuefeld, 2122 Parker St., Berkeley. \$3700

STATION
(3416) NW OXFORD AND UNIVERSITY, Berkeley. One-story service station.

Owner—Union Oil Co.
Architect—None.
Day's work. \$7000

DWELLING.

(3417) NO. 2020 VINE ST., Berkeley. One-story 5-room dwelling.
Owner—F. Broadhead, 864 57th St., Oakland.

Architect—None.
Day's work. \$3500

DWELLING.

(3418) S ALMA AVE 150 W Chatham Road, Oakland. Two-story 7-room dwelling.

Owner—F. C. Vivian, 407 12th St., Okd.
Architect—None.
Contractor—W. S. Bigelow, 821 13th St., Oakland. \$4800

ALTERATIONS.

(3419) NO. 1215 BROADWAY, Oakland. Alterations.

Owner—Cunningham & Sharman, 1207 Broadway, Oakland.
Architect—None.
Contractor—Mulle, Mfg. Co., 64 Rausche St., San Francisco. \$2000

DWELLING.

(3420) E BROWN AVE 100 S Kansas, Oakland. One-story 5-room dwlg.

Owner—G. Grimmer, 2159 15th St., San Francisco.
Architect—None.
Contractor—C. A. Nance, 512 Falcon Ave., San Francisco. \$2000

DWELLING.

(3421) W CHAMPION 175 S Pleasant, Oakland. One-story 5-room dwlg.

Owner—N. C. Jerde, 1801 E-14th St., Oakland. \$2500
Architect—None.

FLATS.

(3422) N FORTY-SECOND 400 E Linden, Oakland. Two-story 16 room flats.

Owner—L. Mazzola, 957 42nd St., Okd.
Architect—None.
Contractor—F. Garelli, 870 47th St., Oakland. \$10,000

DWELLINGS.

(3423) S GRAY 500-550 W Harrington, Oakland. Two one-story 4-room dwellings.

Owner—G. Haedrich.
Architect—None.
Contractor—A. E. Orton, 6800 Trenor St., Oakland. \$2000

DWELLING.

(3424) S HOLMAN RD 750 E Mathews, Oakland. One-story 7-room dwlg.

Owner—F. J. Gleiss, 4130 Howe St., Oakland.
Architect—None.
Contractor—A. J. Soules, 4130 Howe St., Oakland. \$4000

DWELLING.

(3425) E MAXWELL 200 N Brookdale, Oakland. One-story 5-room dwelling.

Owner—Burritt & Shealey, 2766 Kingsland Ave., Oakland. \$4500
Architect—None.

DWELLING.

(3426) E PARKER AVE., bet. Garfield and Hillsdale, Oakland. One-story 3-room dwelling.

Owner—Geo. T. Collins, 3509 Foothill Blvd., Oakland.
Architect—None. \$1500

ADDITION.

(3427) NO. 3604 PIEDMONT AVE., Oakland. Addition.

Owner—F. B. Bloom.
Architect—None.
Contractor—W. R. Sneydard, Frem. \$1000

DWELLING.

(3428) W RAWSON AVE 400 S Bird, Oakland. One-story 5-room dwelling.

Owner—Burritt & Shealey, 2766 Kingsland Ave., Oakland. \$4500
Architect—None.

DWELLING.

(3429) E RAYMONT bet. Alcatraz & Sixty-sixth St., Oakland. One-story 5-room dwelling.

Owner—A. Hendrickson, 3588 Fruitvale Ave., Oakland. \$3000
Architect—None.

GARAGE.

(3430) N E-TWELFTH 100 E Fruitvale, Oakland. One-story tile garage.

Owner—O. A. Petersen, 3216 F-12th St., Oakland. \$1000
Architect—None.

DWELLING.

(3431) N GINACHO AV. 50 W FORTY-sixth Ave., Oakland. One-story 5-room dwelling.

Owner—Hill & Walters, 1600 High St., Oakland.
Architect—None. \$3000

DWELLING.

(3432) NO. 2908 ACTON, Berkeley. One-story 6-room dwelling.

Owner—C. L. Roliar, 1424 Jefferson St., Berkeley.
Architect—None.
Contractor—Rolar & Stone, 1424 Jefferson St., Berkeley. \$3000

REPAIRS.

(3433) NO. 2616 CHANNING, Berkeley. Fire repairs.

Owner—Kappa Phi Alpha.
Architect—None.
Contractor—Hamilton & Osborn, 825 Santa Fe Ave., Berkeley. \$2500

DWELLING.

(3434) NO. 1037 COLUSA, Berkeley. One-story 7-room dwelling.

Owner—Karl Fristedt, 2563-A Buena Vista Way, Berkeley.
Architect—None. \$5000
Day's work.

DWELLING.

(3435) NO. 1711 TACOMA, Berkeley. One-story 5-room dwelling.

Owner—Raymond D. Price, 1734 Tacoma Ave., Berkeley.
Architect—None. \$4000
Day's work.

DWELLING.

(3436) NO. 1541 HAWTHORNE TERRACE, Berkeley. Two-story dwlg.

Owner—Mrs. Winifred Stranger, Frem. and Colusa Sts., Berkeley.
Architect—None.
Contractor—Gutsaf Johanson, 135 Northside Ave., Berkeley. \$1500

DWELLING.

(3437) NO. 905 MODOC, Berkeley. One-story 4-room dwelling.

Owner—Berkeley Building Co., Solar and Colusa Sts., Berkeley.
Architect—None. \$300
Day's work.

DWELLING.

(3438) N. CHABOT RD. OPP HEAR, Oakland. One-story 4-room dwelling.

Owner—D. C. MacMillan, 2245 38 Ave., Oakland. \$25
Architect—None.

DWELLINGS.

(3439) W. ELSTON 415-445 S. HAPPEL, Oakland. Two one-story room dwellings.

Owner—C. M. MacGregor, 470 13th St., Oakland. \$3950 ea.
Architect—None.

ALTERATIONS.

(3440) 4418 E. FOURTEENTH St., Oakland. Alteration and addition.

Owner—W. Blandow, 4418 E. 14th St., Oakland.
Architect—None.
Contractor—J. Boeddeker, 1814 38 Ave., Oakland. \$200

DWELLING.

(3441) NW COR. FAIRFAX AND Wentworth, Oakland. One-story 6-room dwelling.

Owner—Wm. Walston, 5382 Wentworth, Oakland.
Architect—None. \$3500

ALTERATIONS
(3442) NO. 4288 HOWE ST., Oakland.
Alterations.
Owner—Louise Lefebury.
Architect—None.
Contractor—R. J. Ek, 910 35th St., Oakland. \$109.

DWELLING
(3443) E INYO AVE 200 N E-Twenty-fourth St., Oakland. One-story 3-room dwelling.
Owner—Benj. Buyse, 2361 E-29th St., Oakland.
Architect—None. \$2000

DWELLING
(3444) W 105TH AVE 225 S Meyer, Oakland. One-story 4-room dwlg.
Owner—Mrs. C. L. Hays.
Architect—None.
Contractor—D. E. Shade, Box 24, Station G, Oakland. \$1500

DWELLING
(3445) E SEMINARY AVE 235 S Braun, Oakland. One-story 5-room dwelling.
Owner—W. Van Ree, 2741 8th St., Berkeley.
Architect—None.
Contractor—O. R. Johnson, 3131 Talbot Ave., Oakland. \$400

ALTERATIONS
(3446) SE TWENTY-THIRD AND Broadway, Oakland. Alterations.
Owner—Murphy Motor Co.
Architect—None.
Contractor—Schnebley & Hostrawser, 6th and Jackson Sts., Oakland. \$1250

DWELLING
(3447) S 50 LOT 13 BLK 1, Highland Subdivision Adams Point Property, Oakland. All work for two-story and basement frame dwelling and garage.
Owner—Eva M. Hamilton, Oakland.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor—Emil Person, 1933 El Dorado St., Berkeley.
led Aug. 8, '22. Dated Aug. 7, '22.
Frame \$1700
Ready for lath 1730
Plastered 1000
Mill work completed 1938
Completed and accepted 2319
Usual 35 days 2896
TOTAL COST, \$11,583
nd. none. Limit, 110 days. Forfeit, none.
Plans and specifications filed.

DWELLING
(3448) NO. 1020 EUCLID, Berkeley. Two-story 8-room dwelling.
Owner—Mrs. S. F. Pine, Cragmont Apartments, Berkeley.
Architect—None.
Contractor—Gastman Mallett Co., Acheson Bldg., Berkeley. \$5700

DWELLING
(3449) NO. 1339 PARK AVE., Alameda. One-story 6-room dwelling.
Owner—C. F. Fisher, 1334½ Park Ave., Alameda.
Architect—None. \$5000

DWELLING
(3450) NO. 1326 SIXTY-SIXTH, Berkeley. One-story 4-room dwelling.
Owner—C. H. Allison, 34 Brookside St., Berkeley.
Architect—None. \$2000

DWELLING
(3451) NO. 560 BOULEVARD WAY, Piedmont. One-story 6-room dwlg.
Owner—J. C. Omo, 2619 12th Ave., Oakland.
Architect—None. \$4500

DWELLING
(3452) NO. 39 ESTRELLA AVE., Piedmont. Two-story 8-room dwelling.
Owner—Dr. D. A. Proctor, 43 Estrella Ave., Piedmont.
Architect—None.
Contractor—M. P. Braseh, 506 American Bank Bldg., Oakland. \$900

DWELLING
(3453) NO. 56 MANOR DRIVE, Piedmont. One-story 6-room dwelling.
Owner—E. T. Le Sure, 181 Forrest St., Oakland.
Architect—None. \$5000

DWELLING
(3454) NO. 4 PARK WAY, Piedmont. One-story 5-room dwelling.
Owner—L. E. Thomas, 3134 Lewiston St., Piedmont.
Architect—None.
Contractor—M. P. Braseh, 506 American Bank Bldg., Oakland. \$1000

DWELLING
(3455) N ALLENDALE AVE 300 W High, Oakland. One-story 5-room dwelling.
Owner—Jos. Contare, 4108 Alledale Ave., Oakland.
Architect—None.
Day's work. \$3000

DWELLING
(3456) S LISSELL 220 W 73rd Ave., Oakland. One-story 4 room dwlg.
Owner—Frank Freitas, 7335 Lockwood St., Oakland.
Architect—None.
Contractor—T. Anderson, 9302 Birch St., Oakland. \$2000

ALTERATIONS
(3457) W COLLEGE AVE 300 S Forest, Oakland. Alterations.
Owner—Mrs. C. M. T. Parker.
Architect—None.
Contractor—A. J. Yerrick, 5255 College Ave., Oakland. \$1500

FLATS
(3458) NE FIFTEENTH & TENTH Aves., Oakland. Two-story 12-room flats.
Owner—L. W. Roth, 4329 Leach Ave., Oakland.
Architect—None. \$8000

DWELLING
(3459) S LAKESHORE GLEN 50 W Stratford, Oakland. Two-story 6-room dwelling.
Owner—J. F. Gatgen, 696 Wesley Ave., Oakland.
Architect—None.
Contractor—Barr & Son, 306 26th St., Oakland. \$7000

DWELLING
(3460) N LYON 60 E 38th Ave., Oakland. One-story 5-room dwelling.
Owner—L. R. Bickman, 2941 Myrtle St., Oakland.
Architect—None.
Day's work. \$2500

DWELLING
(3461) E LENWOOD AVE 150 S Ham-pel, Oakland. One-story 5-room dwelling.
Owner—Geo. B. Davis, 5283 Hyde St., Oakland.
Architect—None. \$3800

DWELLING
(3462) N MONADNCK AVE 200 E Seminary Ave., Oakland. One-story 3-room dwelling.
Owner—Miss Anna Hoffman.
Architect—None.
Contractor—J. S. Payne, 3432 Seminary Ave., Oakland. \$2000

STORES
(3463) E TELEGRAPH AVE 30 S Woolsey, Oakland. One-story stores.
Owner—C. A. MacLean, 1017 American Bank Bldg., Oakland.

Architect—None.
Contractor Jos. Kann, 1000 Linwood Ave., Oakland. \$6000

DWELLING
(3464) NW THIRTY-SIXTH AVE & Harter, Oakland. One-story 6-room dwelling.
Owner—J. Andeman, 2000 42nd Ave., Oakland.
Architect—None. \$3500

DWELLING
(3465) W UNDEHILL ROAD —, Oakland. Two-story 8-room dwlg.
Owner—J. D. Steigen, 427 15th St., Oakland.
Architect—None.
Contractor—H. M. Barnett, 691 Wesley Ave., Oakland. \$12,000

DWELLING
(3466) W WEBSTER 200 S 48th St., Oakland. One-story 3-room dwelling.
Owner—G. Albasio, 442 48th St., Okd.
Architect—None.
Contractor—Pic Benasini, 5251 Miles Ave., Oakland. \$1500

DWELLING
(3467) NO. 2958 HILLEGASS, Berkeley. Two-story 6-room dwelling.
Owner—R. Reid, 2243 Ashby Ave., Berkeley.
Architect—None. \$4500

ADDITION
(3468) 5928 BROMLEY AVE., Oakland. Addition.
Owner—W. Nevenberg.
Architect—None. \$1200

DWELLING
(3469) W. EIGHTY-FIRST AVE. 369 S. E-14th St., Oakland. One-story 4-room dwelling.
Owner—A. E. Carter, 81st Ave., Oakland.
Architect—None.
Contractor—C. L. Hewitt, 8521 E. 14th St., Oakland. \$2000

DWELLING
(3470) S EL CAMILE AVE. 500 W. 55th Ave., Oakland. One-story 6-room dwelling.
Owner—Emma M. Whitehouse, 1507 7th Ave., Oakland.
Architect—None.
Contractor—T. B. Matheyer Co., 1369 Hopkins St., Oakland. \$3500

DWELLING
(3471) N. FORTY-NINTH ST. 70 W. Manila, Oakland. One-story 4-room dwelling.
Owner—Mrs. Annie Courtright, 350 49th St., Oakland.
Architect—None.
Contractor—John Wishart, 1074 62nd St., Oakland. \$2500

DWELLING
(3472) E. SIXTY-FIRST AVE. 40 S. Braun, Oakland. One-story 5-room dwelling.
Owner—J. A. Lidell, 2158 Ashby Ave., Berkeley.
Architect—None. \$2500

DWELLINGS.
(3473) W. WARFIELD 120 AND 160 N. Prince, Oakland. Two 1-story 7-room dwellings.
Owner—H. L. Houch, 4445 Evans Ave., Oakland.
Architect—None. \$5000 each

STORES
(3474) NE TELEGRAPH AND CHANNING Way, Berkeley. All work for one-story concrete stores.
Owner—Berkeley Leasing & Realty Co., Berkeley.
Architect—W. H. Ratcliff Jr., 1st Nat'l Bank Bldg., Berkeley.
Contractor—David Nordstrom, 4140 Emerald St., Oakland.

Filed Aug. 10, '22. Dated July —, '22.
On list of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$27,266
Bond, \$13,603. Surety, National Surety Co. Limit, 90 days. Forfeit, none.
Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Aug. 10, 1922—NW FORTY-FIRST
and Gilbert W 60 N 110 S 70 — 2
S 112 S, Oakland. Sixth Church
of Christ Scientist to F W Maurice
.....Aug. 5, 1922
Aug. 10, 1922—N 2 LOT 7 and S 35
Lot 8 Bldg. F. No. 850 Grand Ave
Heights, Oakland. S W Weymouth
to J A Pinkerton.....Aug. 8, 1922
Aug. 3, 1922—NE E-FOURTEENTH
and NW Stanley Ave NW 781.80
NE 1032.49 SE 780.90 SW 1631.69,
Oakland. Durant Motor Co. of Cal
by P J Walker Co. Agents to
Puffer & Goepfert, Aug. 2; Jos Musto
Sons-Keehan Co., Aug. 2; Folsom
Sproot Iron Works, Aug. 2; Scott
Co.,July 31, 1922
Aug. 1, 1922—UNIVERSITY OF CAL-
IFORNIA Grounds, Berkeley. Regents
et U. C. to Pearson & Johnson,
June 1, 1922
Aug. 9, 1922—NE EIGHTY-THIRD
Ave and B St. 50x125, Oakland.
Fred Jenler by J A Stanley to J A
Stanley.....Aug. 9, 1922
Aug. 2, 1922—NE E-TWENTY-FIRST
and Mitchell, 30x50, Oakland. W F
Fox to James D Horton, July 6, 1922
Aug. 9, 1922—S SAN ANTONIO AVE
133-2 W Union W 40x5 75, Alame-
da. Albert L. Dexter to whom
it may concern.....Aug. 5, 1922
Aug. 9, 1922—LOT 28 BLK 12 Map
Northbrae, Berkeley. F J Ludwig
to E F Henderson.....Aug. 8, 1922
Aug. 9, 1922—W GROVE 126-8 S
Rose S 40xW 100, Berkeley. Ger-
trude P and S Campbell to AUG
Pendrickson.....
Aug. 8, 1922—LOTS 23 AND 24 BLK
C Map Broadway Terrace, Oakland
John A Shields to whom it may
concern.....Aug. 7, 1922
Aug. 8, 1922—PTN LOT 25 Map No.
2, Glen Echo Tract, Piedmont.
Minnie Halpern to J W Monroe,
.....July 20, 1922
Aug. 8, 1922—LOT 6 BLK 18, Lake-
shore Highlands, Oakland. J A
Seefield to Alex C Wielen.....
Aug. 5, 1922
Aug. 8, 1922—SW SEVENTH AND
Clay S 100xW 150, Oakland. Louis
Seuffer to Harry B Williams,
March 23, 1922
Aug. 7, 1922—LOT 31 BLK 1, Dwight
Way Terrace, Berkeley. Thomas
A Rulart to Joseph Parker & Son
.....July 30, 1922
Aug. 7, 1922—S KENILWORTH AVE
300 W Dutton Ave being No. 651,
San Leandro. William Wilson
Welch to whom it may concern.....
July 22, 1922
Aug. 8, 1922—NE THIRTY-EIGHTH
and Manilla Ave N 52 E 47.39 S
26.07 W 50, Oakland. Albert E and
Alice E Helmer to Robt L Grimes
.....Aug. 4, 1922
Aug. 7, 1922—LOT 2 Map Piedmont
Maror, Piedmont. F C Flashman
to L L Lucas.....Aug. 7, 1922
Aug. 5, 1922—N LYON AVE 246 W
38th Ave being No. 3638, Oakland
J W Sigwald to whom it may con-
cern.....Aug. 5, 1922
Aug. 5, 1922—LOT 16 BLK "C" Map
Central Terrace, Oakland. Karl S
Fredrickson to whom it may con-
cern.....Aug. 5, 1922
Aug. 3, 1922—NO. 1530 FOUNTAIN,
Alameda. Simon C Boyson to whom
it may concern.....Aug. 1, 1922
Aug. 3, 1922—E MADISON 200 S Lake

S 50x E 140, Oakland. Davis & Katz
to California Builders' Co.
July 31, 1922
Aug. 3, 1922—E OXFORD 250 N Rose
N 38x E 135, Berkeley. Kate F.
Florence M and Marie M Byrne to
John M Bartlett.....Aug. 1, 1922
Aug. 3, 1922—NE SHATTUCK AVE &
Ward, Berkeley Students' Ex-
press & Transfer Co by James W
Plachek to Barrett & Hilp.....
Aug. 1, 1922
Aug. 3, 1922—UNIVERSITY OF CAL-
IFORNIA Grounds, Berkeley. Reg-
ents of U. C. to Pearson & John-
son.....May 10, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Aug. 10 1922—NO. 966-968 PAIK
Ave, Alameda. M. P. Martin vs.
Ralph H Smith and W B Leisher.
.....\$126.75
Aug. 10, 1922—NO. 2542-26, 28
Central, Berkeley. Eugene Dolan
(Dolan Bros Wrecking Co) vs Mina
C Abions.....\$315.73
Aug. 10, 1922—LOT 68 BLK 4, Map
No. 4, Regents Park, Albany. Fred
Allen vs Glenn D and Ardene H
Newton and H L and Fairy Val-
leroy.....\$45.30
Aug. 9, 1922—LOT 6 BLK. C MAP
Foothill Park Tract, Oakland. Rob-
ert Howden & Sons vs W. D. and
D. J. Balentine and H. M. Hicks.....\$95

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Aug. 9, 1922—LOT 28 BLK. C MAP
Fourth Avenue Terrace, Oakland.
Chris Nelson Co., Inc. vs. G. P.
Guyot et al.....\$126.55
Aug. 8, 1922—LOTS 1 AND 8
1st Lot 3 and S 63 Lot 28 Blk 155,
Kellersberger's Map of Oakland.
Charlie West to G A Mason.....\$33.56
Aug. 7, 1922—LOT 39 BLK 2, Map
Fourth Avenue Heights, Oakland.
Al M Feary to A T Hendricks and
Myrtle Harmon.....\$176
Aug. 7, 1922—LOT "A" Map Excelsior
Heigh s, Oakland. Hogan Lumber
S Mill Co to Lillie T and C Earl
Brooks and O M bullock.....\$15.52
Aug. 4, 1922—N MATTON ROAD 432
NE Stronbridge Ave NE 167.9xSE
518.8, Eden Tp. Joseph Huber to
H and Alma Desmond.....\$156.71

Notice of Non-Responsibility

ALAMEDA COUNTY

Aug. 5, 1922—SE COR EIGHTEENTH
St. and San Pablo Ave, Oakland.
George J. Hatfield as to improve-
ments on property.....

ABANDONMENT OF BUILDING CONTRACT

ALAMEDA COUNTY

Aug. 5, 1922—LOTS 48 AND 49 Map
Santa Fe Tract No. 6, Oakland.
Claude L Walker, owner with Cal-
ifornia Builders Co., contractor
Contract made July 28, 1922.

BUILDING CONTRACTS

FRESNO COUNTY

\$2,500 and Over Reported

STORE BLDG.
LOTS 17 and 18, block 40, Fresno. One-
story brick store building.
Owner—Abbie W. Parker.
Architect—E. Mathewson, Cory Bldg.,
Fresno.
Contractor—Howard Dickey, 150 How-
ard St., Fresno.

Filed Aug. 4, 1922. Dated Aug. 3, 1922.
Ceiling joists in place75%
When plastered75%
Usual 35 daysBal.
TOTAL COST, \$11,416
Bond, \$5708; sureties, Ed. Hertweck
and J. C. Young; forfeit, \$1 per day;
limit, 50 working days. Plans and
specifications filed.

DWELLING.
938 ROEBING AVE., Fresno. Dwelling.
Owner—A. M. D. Gilmore, 1910 S. Van
Ness Ave., Fresno. \$2800
Architect—None.

DWELLING.
2012 LEWIS ST., Fresno. Dwelling.
Owner—Mount Lumber Co., 2011 Tyler
St., Fresno.
Architect—None.
Contractor—R. S. Cartwright, Michigan
St., Fresno. \$3000

DWELLING & GARAGE.
LOT 10, BLOCK 14, Wilson, North
Fresno. Tract, Fresno. Dwelling
and garage.
Owner—Benj. Levy, 1933 Fresno St.,
Fresno.

Architect—Ernest J. Kump Co., 208 Ro-
well Bldg., Fresno.
Contractor—Valley Construction Co.,
Mattei Bldg., Fresno.

Filed Aug. 7, 1922. Dated July 31, 1922.
As work progresses75%
Usual 35 days25%
TOTAL COST, \$9720
Bond, \$4860, sureties, Indemnity Ins.
Co. of N. A.; limit, 60 working days.
Plans and specifications filed.

DWELLING and garage, \$6000; 331/2
Kerchoff Ave.; owner, M. Cla-
verie, 3126 Tulare St., Fresno; con-
tractor, W. P. Snare, Fountain
Way.

APT. HOUSE, \$25,000; 1492 Poplar Ave
Fresno; owner, Prichard Bros
Blackstone & McKinley.

APT. HOUSE, \$26,000; 741 Home Ave
Fresno; owner, G. S. Smith; con-
tractor, Roy Martin.

APT. HOUSE, \$17,000; 1365 Linde
Ave., Fresno; owner, G. S. Smith
contractor, Valley Constr. Co., Ma-
tei Bldg., Fresno.

DWELLING, \$4500; 203 Glenn Ave.
Fresno; owner H. W. Richter, 2
Glenn Ave., Fresno; contractor,
R. Davidson, 654 N. 2nd St., Fresno.

DWELLING \$4000; No. 4040 Ver-
Kietle St., Fresno.
CHURCH, \$13,000; No. 2400 Ventura S.
Fresno; owner, American Evan-
gelical Church, Ventura St. Cor. M. J.
Fresno; contractor, Harry St.
huck, 2350 Merced St., Fresno.

DWELLING, \$3500; No. 906 Mariposa
St.; owner, E. M. and H. S. C.
2657 Tyler St., Fresno.

DWELLING, \$2000; \$4000 each; No. 13
and 1187 Poplar Ave., Fresno; over,
G. E. Veale; contractor, S. F.
Ottinger, 1036 Simpson St., Fresno.

DWELLING, \$4000; No. 1126 Florida
St., Fresno; owner, G. E. Veale;
contractor, S. W. Ottinger, 1036
Simpson St., Fresno.

DWELLING, \$4000; No. 826 Cambridge
Ave., Fresno; owner, David Li-
ngan, 644 Poplar St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Aug. 9, 1922—LOTS 14-15, BLK. 1,
High Add., Fresno. J. A. Schlo-
hauer to whom it may concern.....
Aug. 8, 1922
Aug. 9, 1922—LOTS 33-34, BLK. 4,
College Park, Fresno. Pearl
Foss to whom it may concern.....
Aug. 8, 1922

Aug. 8, 1922—N. 129-18 FT. OF S. 258-36 ft. of E 5 acres of lot 120, Montpelier Tract, Fresno. Conrad Q. Young to whom it may concern.
Aug. 8, 1922
 Aug. 8, 1922—N 35 ft. LOT 9, Berryhill Tract, Fresno. Wm Schriber to whom it may concern.
Aug. 7, 1922
 Aug. 8, 1922—LOT 47, Bullard North Fresno Addition. Paul Wilcox to whom it may concern.
Aug. 7, 1922
 Aug. 8, 1922—LOT G BLK 20, Alta Vista Tract, Fresno. Genevieve Kennard to whom it may concern.
Aug. 7, 1922
 Aug. 5, 1922—LOTS 6 AND 7, BLK. 6, Torrance Terrace, Fresno. A. Gassman to whom it may concern.
July 29, 1922
 Aug. 5, 1922—LOTS 7 AND 8, BLK. 1, Alta Add, Del Rey. Fresno Bldg Corp to whom it may concern.
Aug. 4, 1922
 Aug. 3, 1922—LOTS 25 AND 26 BLK 3, Avalon Heights, Fresno. J. C. Maddy to whom it may concern.
Aug. 2, 1922
 Aug. 3, 1922—LOT 5 BLK 4, Blvd. Gardens No. 2, Fresno. C. L. Starkey to whom it may concern.
Aug. 2, 1922
 Aug. 3, 1922—LOTS 14 AND 15 BLK 3, Torrance Terrace Addition, Fresno. F. H. McGinness to whom it may concern.
Aug. 2, 1922
 Aug. 3, 1922—LOTS 56 AND 37 BLK 3, Sierra Vista Addition, Fresno. A. C. Streitmiller to whom it may concern.
Aug. 1, 1922
 Aug. 4, 1922—LOTS 1 TO 7, PORTIONS of lots 9 and 10, block 189, Fresno. W. P. Fuller & Co. to whom it may concern.
July 28, 1922
 Aug. 2, 1922—LOT 17, N. 1/2 of LOT 18, block 4, Belridge Park, Fresno. A. F. Lambert to whom it may concern.
July 31, 1922

LIENS FILED

FRESNO COUNTY

Recorded	Amount
Aug. 5, 1922—LOTS 31 AND 32, BLK. 9, New High School Add., Fresno.	
L. Rosenberg vs. W. L. Knapp.	\$122
Aug. 5, 1922—LOT 27, ARLINGTON Tract, Fresno. Routt Lumber Co. vs. Gladys E. Hart.	\$545

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2500 and Over Reported

ALTERATIONS and Additions, \$3,900; S. 1/2 lot 4 D. E. 13-14, Sacramento; owner, French Model Laundry, 414 14th St., Sacramento; contractor, C. Vanina, 2020 M St., Sacramento.

THREE FLAY building, two-story, \$8500; No. 1512 F St., Sacramento; owner, A. C. Baugh, 324 18th St., Sacramento; contractor, W. B. Ladue, 2319 O St., Sacramento.

DWELLING, two-story 6-room and garage, \$7000; No. 1315 40th St., Sacramento; owner, Chas. Waymler, 2512 P St., Sacramento; contractor, H. W. Robertson, 1142 37th St., Sacramento.

DWELLING, one-story 5-room and garage, \$3350; No. 1405 53rd St., Sacramento; owner, Anna E. Williams, 4440 San Benito St., Sacramento.

DWELLING, one-story 5-room, \$2800; No. 633 38th St., Sacramento; owner, E. J. Boder, 3801 H St., Sacramento; contractor, J. A. Pausback, 1722 J St., Sacramento.

C. WORK on Capitol Bldg., \$370,000; 2 blocks bounded by L. M. 9th and 10th Sts., Sacramento; owner, State of Calif.; architect, Weeks & Day, Calif. Ins. Bldg., San Fran-

cisco; contractor, H. E. Parker Co., 519 California St., San Francisco.

DWELLING, two-story 5-room and garage, \$5000; No. 3705 J St., Sacramento; owner, H. Knoll, 3685 J St., Sacramento; contractor, J. P. Howell, 1837 47th St.

REPAIRS, \$2700; No. 4416 Fourth Ave., Sacramento; owner, A. E. Lower, Premier; contractor, P. F. Reed, 2545 28th St., Sacramento.

STORE & APT. HSE., 3-st., \$25,000; 720-722 I St., Sacramento; owner, B. T. Berry, 2136 Howard St., San Francisco; contractor, Capital Constr. Co., 1405 K St., Sacramento.

DWELLING, one-story 4-room, \$2940, No. 2561 27th St., Sacramento, owner, Ed. Seautitz, 2717 S St., Sacramento; contractor, A. L. Johnson, 2605 Portola Way, Sacramento.

THREE DWELLINGS, one-story 5-room and garage each, \$2000 each; No. 2757, 2765 and 2773 Santa Cruz Way, Sacramento; owner, O. H. Moore, 1920 35th St.; Sacramento.

DWELLING, 1-story 5-room & garage, \$3000; No. 5101 14th St., Sacramento; owner, D. C. Adams, 5123 14th Ave., Sacramento; contractor, Granger & Son, 1002 J St., Sacramento.

BUSINESS BLOCK, one-story, \$18,000, No. 1213 J St., Sacramento, owner, M. D. Dupinbrock, 2315 M St., Sacramento; contractor, F. A. Holdener, 503 Bryte Bldg., Sacramento.

TWO DWELLINGS, one-story 4-room, \$1500 each; No. 4425-4409 13th St., Sacramento; owner, W. E. Trainor, 813 J St., Sacramento; contractor, S. A. Boltz, 5133 W St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY.

Recorded	Accepted
Aug. 3, 1922—NW FORTY-FIRST and M STS., Sacramento. Peter R. Gadd to whom it may concern.	
.....Aug. 2 1922	

Notice of Non-Responsibility

SACRAMENTO COUNTY

Aug. 5, 1922—LOT 4513 H. J. Goethe Co. Add. K, Sacramento. C. Brent as to improvements on property.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

\$2,500 and Over Reported

SERVICE STATION and auto sales-room, \$25,200; lot 14 and east 33-36 ft. of lot 4, block 81, east of Center St., Fresno; owner, L. E. Renney, 130 Miner St., Fresno; contractor, H. E. Vickroy, 1122 N. Commerce St., Fresno. Filed Aug. 3, 1922.

RES. & GARAGE, \$8200; West Pine St., Stockton; owner, C. G. Grunsky, 720 N. Yosemite St., Stockton.

RES. & GARAGE, \$4350; East Pinchot, Stockton; owner, J. W. Wear, 430 E. Park St., Stockton.

RES. & GARAGE, \$6800; Vernal Way, Stockton; owner, Mrs. D. D. Williams.

RESIDENCE, \$4000; South Sutter St., Stockton; owner, W. Kant, 2004 S. Sutter St., Stockton.

RESIDENCE and garage, \$2750; South Center St., Stockton, owner, J. Morrow, 2160 E-Washington St., Stockton.

TWO RESIDENCES, \$3600 each; East Monterey St., Stockton; owner, North Stockton Town Lot Co.

RESIDENCE and garage, \$5600; Lexington Ave., Stockton; owner, D. D. Dekey, 227 N-Monroe St., Stockton.

ALTERATIONS and additions, \$4500; South Hunter St., Stockton; owner, Paul Zienago.

RESIDENCE, \$2755; North San Joaquin St., Stockton; owner, Dr. Nelson Katz, Farmers & Merchants Bldg., Stockton.

RESIDENCE and garage, \$3750; West Acacia St., Stockton; owner, G. L. Potter, 1107 W-North St., Stockton.

RESIDENCE and garage, \$3150; N Lincoln St., Stockton; owner, C. C. Blair.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded	Accepted
Aug. 4, 1922—LOTS 7 AND 8, BLK. 9, Hutchins Oak St. Add. Pearson L. Frey to John E. McInerney.	
.....Aug. 1, 1922	
Aug. 4, 1922—LOT 23, BLK. 1, MOSSdale. T. T. Allen to whom it may concern.	
.....Aug. 2, 1922	

BUILDING CONTRACTS

SANTA CLARA COUNTY

\$1000 and Over Reported

SCHOOL. LOS ALTOS. All work for one-story concrete and brick vincer school building.

Owner—Los Altos Grammar School District, Board of Trustees, Los Altos.

Architect—W. H. Weeks, 369 Pine St., San Francisco.

Contractor—J. B. Balcomb, 220 Emerson St., Palo Alto.

Filed Aug. 2, '22. Dated July 26, '22. As work progresses..... 75% Usual 35 days..... 25%

Bond, \$49,816. Sureties, Fidelity & Deposit Co. of Maryland. Limit, 150 working days from July 26, 1922. Forfeit, \$10 a day. Plans and specifications filed.

INSTALLATION OF ELECTRIC WORK complete on above.

Contractor—M. E. Ryan, 205 Main St., Redwood City.

Filed Aug. 2, '22. Dated July 28, '22. Payments same as above.....

TOTAL COST, \$2931 Bond, \$931. Sureties, Fidelity & Deposit Co. of Maryland. Limit, 190 working days from July 28, 1922. Forfeit, \$10 a day. Plans and specifications filed.

GARAGE. SOUTH FIRST ST., San Jose. All work for one-story brick and frame garage.

Owner—E. Levin, 679 S-2nd St., San Jose.

Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

Contractor—R. O. Summers, 17 N-First St., San Jose.

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Filed Aug. 9, '22. Dated Aug. 4, '22.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$8994
Bond, \$4500. Sureties, F. P. Heringer
and Jos. H. McElroy. Limit, 80 work-
ing days from date of commencement.
Forfeit, none. Plans and specifications
filed.

SCHOOL

SAN MARTIN. General contract. Ex-
cavating, grading, steel, iron, con-
crete, mason, lumber, mill, carpen-
ter, glass and glazing, plastering,
plumbing, electric, sheet metal,
painting, etc., for one-story school
building.

Owner—Board of Trustees of San Mar-
tin Grammar School District, San
Martin.

Architect—W. H. Weeks, 36½ Pine St.,
San Francisco.

Contractor—J. B. Balcomb, 220 Emer-
son St., Palo Alto.

Filed Aug. 8, '22. Dated Aug. 1, '22.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$33,843

Bond, \$33,843. Surety, National Surety
Co. Limit, 125 working days from Aug.
1, 1922. Forfeit, \$10. Plans and spec-
ifications filed.

INSTALLATION AND COMPLETION
of heating system on above.

contractor—Latourrette-Pical Co., 907
Front St., Sacramento.

Filed Aug. 8, '22. Dated July 31, '22.
Payments same as above.....

TOTAL COST, \$3550
Bond, \$3550. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 90 work-
ing days from July 31, 1922. Forfeit,
\$10. Plans and specifications filed.

WINDOW SHADES ON ABOVE.

Contractor—W. & J. Sloane, 224 Sutter
St., San Francisco.

Filed Aug. 8, '22. Dated Aug. 1, '22.
Payments same as above.....

TOTAL COST, \$513
Bond, none. Limit, 135 working days
from Aug. 1, 1922. Forfeit, \$10. Plans
and specifications filed.

BLACKBOARDS ON ABOVE (composition).

Contractor—F. W. Wentworth & Co.,
539 Market St., San Francisco.

Filed Aug. 8, '22. Dated Aug. 1, '22.
Payments same as above.....

TOTAL COST, \$435
Bond, \$435. Surety, The Fidelity &
Casualty Co. of New York. Limit, 115
working days from August 1, 1922.
Forfeit, \$10 a day. Plans and specifi-
cations filed.

COTTAGE

NAGLEE PARK TRACT, San Jose.
All work for one-story frame cot-
tage.

Owner—J. H. Lackey, San Jose.
Designer—H. W. Danglerfield, 51 S-
22nd St., San Jose.

Contractor—H. W. Danglerfield, 51 S-
22nd St., San Jose.

Filed Aug. 8, '22. Dated Aug. 8, '22.
Frame erected.....\$1137.50
1st coat plaster on..... 1137.50
When completed..... 1137.50
Usual 35 days..... 1137.50

TOTAL COST, \$4550.00
Bond, \$2500. Sureties, A. L. Hubbard
and Henry Guilbert. Limit, 80 work-
ing days from date of commencement.
Forfeit, none. Plans and specifications
filed.

COTTAGE, 4-room, \$2200; 18th near
Julian, San Jose; owner, J. Berti,
120 Mavellen St., San Jose; archi-
tect, C. L. Kingdom, San Jose;
contractor, Kingdom & Youngker,
San Jose.

COTTAGE, 4-room, \$2250; 26th & St.
John, San Jose; owner, J. Booklen,
199 N. 26th St., San Jose; day's
work.

COTTAGE, 4-room, \$2460; 17th near
Empire, San Jose; owner, M. M.
Morrow, San Jose; contractor, T. J.
Scherrebeck, 1709 E. Santa Clara
St., San Jose.

COTTAGE, five-room, \$3500; Seventh
St. near Keyes, San Jose; owner,
Joe Guance; contractor, Sam Gir-
acco, 1327 Vine St., San Jose.

COTTAGE, 5-room, \$2250; Tenth St
near Keyes St., San Jose; owner,
Miss Freyschlag, 395 S-Market St.,
San Jose; contractor, E. E. Weldon,
111 N-33rd St., San Jose.

COTTAGE, 4-room, \$2900; Taylor St
near 12th St., San Jose; owner,
Elastiano Circanto; contractor, Jos.
Dangleo.

COTTAGE, five-room, \$2550; Sherman
St., near Goodyear, San Jose, own-
er, W. B. O'Neill, 500 N-15th St., San
Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY.

Recorded	Accepted
Aug. 4, 1922—SAN JOSE. William H.	O'Neill to whom it may concern.....
Aug. 7, 1922—GILROY. Wm. Radtke	to whom it may concern.....Aug. 2, 1922
Aug. 8, 1922—SAN JOSE. W. M. Bern-	hard to whom it may concern.....Aug. 8, 1922
Aug. 8, 1922—SAN JOSE. P. N. Doyle	to whom it may concern.....Aug. 7, 1922
Aug. 8, 1922—677 NORTH SAN PE-	dro St., San Jose, Cal. Chas. P.
Fratangelo to G. V. Oliva.....	July 31, 1922
Aug. 8, 1922—673 NORTH SAN PE-	dro St., San Jose, Cal. Chas. P.
Fratangelo to G. P. Oliva.....	July 31, 1922
Aug. 8, 1922—675 NORTH SAN PE-	dro St., San Jose, Cal. Chas. P.
Fratangelo to G. P. Oliva.....	July 31, 1922
Aug. 9, 1922—SAN JOSE. Geo. M.	Dodson and Verna M. Dodson to
whom it may concern.....Aug. 8, 1922	
Aug. 9, 1922—Joseph T. Corstein to	Hastings Bros.....Aug. 4, 1922
Aug. 9, 1922—ALAMEDA VILLA	Tract, San Jose, Cal. Charles E.
Scott to whom it may concern.....	Aug. 4, 1922
Aug. 9, 1922—ACACIA PARK, San	Jose, Cal. J. Earle McCombs to
whom it may concern.....Aug. 9, 1922	
Aug. 9, 1922—SAN JOSE. Joseph M.	Bracker to William H. O'Neill.....
Aug. 8, 1922	
Aug. 4, 1922—PALO ALTO, CAL.	Marjorie S. Price to whom it may
concern.....Aug. 3, 1922	
Aug. 4, 1922—GILROY, CAL. C. S.	Holmes to whom it may concern.....
April 26, 1922	
Aug. 4, 1922—CITY OF SAN JOSE,	Cal. A. B. Metcalf to whom it may
concern.....July 26, 1922	
Aug. 2, 1922—PALO ALTO. R. R.	Agnew to Howard S. Waltz.....
July 26, 1922	
Aug. 2, 1922—HESTER PARK, San	Jose. Margaret and Thomas L.
Lennon to Thomas J. Lavvin.....	Aug. 1, 1922
Aug. 3, 1922—HESTER PARK, San	Jose. C. R. Palmer to whom it may
concern.....Aug. 3, 1922	

LIENS FILED

SANTA CLARA COUNTY

No. Owner	Contractor Amt.
Aug. 9, 1922—101 ACRES OF LAND	in the Rancho Rincon de San Fran-
cisco, near Palo Alto, Cal.	John Dornley vs. E. N. Brown and
Elizabeth Brown.....	\$492.99

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE

N 81 FEET LOT 155 SUB. NO. 2, San
Mateo Park, San Mateo. All work
for plumbing for one-story frame resi-
dence and garage.

Owner—G. S. and Frances B. Perham,
Severn Lodge Dairy, San Mateo.

Architect—E. L. Norberg, 409 Occi-
dental Ave., Burlingame.

Contractor—Joseph B. Grimes, Bur-
lingame.

Filed Aug. 8, '22. Dated Aug. 1, '22.
Roughed in.....\$657
Completed..... 654
Usual 35 days..... 430

TOTAL COST, \$1743
Bond, \$872. Sureties, H. E. Morken
and C. A. Buck. Limit, 90 working
days. Forfeit, \$3. Plans and specifi-
cations filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded	Accepted
Aug.-10, 1922—LOT 3, BLK. E, SAN	Mateo Heights. W. E. and Alice
Gaines (wife) to C. H. Bessett Bldg.	Co.....July 1, 1922
Aug. 8, 1922—LOT 11 MAP 1 SUB 2	Wellshy Park, Redwood City. Cora
B McGurvey to C. Brag. Aug. 5, 1922	
Aug. 8, 1922—PTN LOT 9 BLK 5,	Burlingame No. 1. O J Williams
to J S Sampson Co.....July 27, 1922	
Aug. 8, 1922—LOT 10 BLK 57, Easton	Addition No. 6, Burlingame. A
Porte and Leach.....Aug. 8, 1922	
Aug. 8, 1922—LOT 7 AND S ½ OF	lot 6, blk. 49, Eastern add. to Bur-
lingame No. 4. Lulu A. McClena-	han to whom it may concern.....
Aug. 3, 1922	
Aug. 3, 1922—LOT 4, BLK. 3, EAST	San Mateo Add. to San Mateo, 5th
Ave. between E and F Sts. Her-	bert A. Gibson and Louise G. F.
whom it may concern.....July 20, 1922	
July 29, 1922—SE. CORNER AVE &	Chestnut being Lot 12 BLK 12, San
Carlos. William J. Waiters to Ben	C Zimmerman.....June 20, 1922
July 29, 1922—PTN LOTS 35 AND 36,	Husing Homestead Subd of Pin
of the San Mateo City Homestead.	James McClintock to whom it may
concern.....July 11, 1922	
July 29, 1922—LOT 20 BLK 8, Bur-	lingame Grove, Burlingame. Ster-
ling Anderson to J E Bale.....	July 20, 1922
July 29, 1922—LOT 4 BLK 11, Bur-	lingame Terrace, Burlingame. A R
Teltz to August Berg and E S	Shaver.....June 1, 1922

LIENS FILED

SAN MATEO COUNTY.

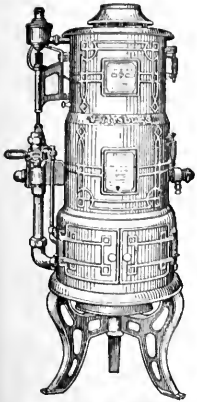
Recorded	Amt.
Aug. 10, 1922—NEAR MENLO PARK	and Huneysmede. Sunset Lumber
Co. vs. Manuel Piers, and J. W.	Osborn.....\$300.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, \$330;
W. 19th bet. Roosevelt and Clint.
Richmond; owner, S. V. Le Fev.
641 13th St., Richmond; archite-
ct, none; contractor, owner.

3 STORES, one-story concrete, \$77.
SW. cor. Macdonald and 3rd. Ric-
mond; owner, G. M. Burns, San
Francisco, Cal.; architect, none;
contractor, John Odling, 3723 C-
rito Ave., Richmond.



A "Pittsburg" Automatic Gas Water Heater installed in the home indicates high quality throughout.

Recommended and specified by all of the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink"

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"BUNGALOW AUTOMATIC"

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and "LION" TANK WATER HEATERS

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OAKLAND

478 Sutter Street
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The Most Powerful Made
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THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

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Nothing better for inside use in any climate. Has great fire resistance, is sanitary and vermin proof, impervious to sound, moisture, heat and cold.

SIZES AND WEIGHT — 1/4 inch thick, 32 and 48 inches wide, by various lengths up to 12 feet. 1 2/10 lbs. per square foot.

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Berkeley—Phone Berk. 4360

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Building & Engineering News

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Publication Office
560 Mission Street

SAN FRANCISCO, CALIF., AUGUST 19, 1922

Published Every Saturday
Twenty-second Year No. 33

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210 American National Bank Building

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Economy*

Wall

*Appearance
Comfort*

Warehouses
San Francisco Oakland

Board

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The Diamond "J" Mixer

The Newest of The Barrel Type of Mixer

Rapid in Mixing Action---Easily Charged and
Discharged---Can be rapidly moved from
place to place---Always ready
to go to work

Barrel 33 Inches
From Ground
Easy to Feed



Rubber Tire Truck
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Quick to Move

Hook it right on behind your Auto

When a job is finished it is possible for one man to wheel it back of the auto and by the use of one bolt couple it ready for the road.

Contractors do not realize the yardage capacity and the money-making power of the Diamond "J" Mixer. It is capable of turning out from 25 to 30 yards of concrete per 8-hour day, with 4 to 5 men, and the concrete is as well mixed as can be done by any machine, regardless of size.

The Diamond "J" Mixer is adopted to nearly all

sizes and kinds of concrete jobs from the small repair jobs to the large basements and foundations. In fact, a number of contractors now prefer to have 2 or 3 of these small machines rather than one large machine. They can be used separately on small jobs, or two or more on the larger jobs.

The Diamond "J" is built strong throughout, made of the very best material, and will stand years of hard service.

The Diamond "J" Mixer complete with engine weighs about 775 pounds. Write for prices.

"Everything for the Contractor"

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SAN FRANCISCO

LOS ANGELES

MEMBERS OF

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., AUGUST 19, 1922

Twenty-second Year No. 33



No. 560 Mission Street,
San Francisco, Calif.

MRS. L. A. LARSEN, Publisher

J. P. FARRELL, Managing Editor

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

Official Paper of Vallejo Builders' Exchange

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MINING ENGINEERS TO CONVENE IN SAN FRANCISCO

The American Institute of Mining and Metallurgical Engineers will hold its annual meeting in San Francisco from September 25 to September 29, according to the announcement of C. H. Fry, secretary of the San Francisco section. Mining experts from all parts of the country are expected to attend.

Col. Arthur S. Dwight, president of the Institute, will leave New York with a party of Eastern engineers ten days before the convention, traveling through Salt Lake City into Montana, where various mines are to be inspected.

Arriving in San Francisco September 24, headquarters will be established at the Palace Hotel. Special sessions are to be held during the week at the Engineers' Club, 57 Post Street.

WORLD'S LARGEST HIGH TENSION SWITCHES BEING INSTALLED

The largest high tension electric switches ever built are being installed by the Pacific Gas & Electric Co. in its Pitt river hydro-electric development. These switches, six in number, weigh upwards of 30 tons each and are nearly 18 ft. high. Approximately 2000 gallons of oil, used as an insulating medium, are required for each switch. While the switches are designed to operate on a 220,000-volt system, they have been subjected to a test of 350,000 volts, over 50 per cent higher than the normal operating voltage. The switches were specially built by the Westinghouse Electric & Manufacturing Co. of East Pittsburgh, Pa., with Pacific Coast offices in the First National Bank Bldg., San Francisco.

BUILDING IN U. S. REACHES UN- PRECEDENTED HIGH LEVEL

Building throughout the country reached the unprecedented high level of \$1,700,000,000 during the first half of 1922, against \$1,063,500,000 for the 1921 period. An unusually high proportion involved small operations with 40 per cent residential. Few skyscrapers and public utilities are doing only essential construction. Labor situation has had a restraining effect.

Following table shows percentages of residential, industrial, public works and utilities and business buildings under way June 30, 1920 to 1922, inclusive, as compared with total:

	(Percentage)
Residential	1922 1921 1920
Industrial	40 34 22 1/2
Public works and utilities	7 1/2 8 26
Business buildings	17 23 21
.....	16 1/2 11 17 1/2

As a result of relatively little construction for public works, utilities and industrial plants, large contractors are not receiving their customary percentage of gross business. Their operations in many instances are as low as 33 per cent of normal. One prominent engineer states that over 20 per cent of the work started since January 1 was of such magnitude as to justify his firm submitting estimates.

Inquiries for estimates on larger operations are coming in greater volume but actual construction is delayed pending stabilization of building industry. Indicative of the relatively small amount of large type construction being done is the fact that structural iron workers constitute perhaps the only class of building labor of which there is a surplus.

Labor in the building trade is inefficient and scarcer than ever. In New York City peak wages are still paid, a combination of all classes averaging \$1.09 an hour, against a country-wide figure of 90 cents which is a decrease of 12 1/2 per cent from the high point. Even at current rates, contractors in the metropolitan district are unable to keep their mechanics, small speculative builders continually raiding the market for bricklayers, plasterers and masons, offering as high as 50 per cent above the standard scale.

AMERICAN SOCIETY OF MECHANICAL ENGINEERS TO ESTABLISH MUSEUM

Plans for the establishment of a national engineering museum, the first of the kind in the United States, are announced by the American Society of Mechanical Engineers. The collection, which will be a part of the Smithsonian Institution's National Museum at Washington, will be started with various models, drawings, diplomas and medals that once belong to Capt. John Ericsson and Cornelius H. DeLamater, builders of the Monitor, and the pioneer engineers of America, who were associated for fifty years in the DeLamater Iron Works, the largest institution of that kind in the United States half a century ago. All the engineering societies in America have accepted the Mechanical Engineering Society's invitation to participate in assembling material for the museum.

HIG OREGON IRRIGATION PROJECT IS RECOMMENDED

Utilization of the Deschutes river, Oregon, and its tributaries for irrigation of approximately 140,000 acres in the Deschutes basin, with incidental power development, is recommended to the Federal power commission in a report of a board of engineers composed of D. C. Henny, consulting engineer of the reclamation service; Col. J. B. Cavanaugh, army engineer corps, and F. F. Henshaw, district engineer, U. S. geological survey.

The board began its investigation more than a year ago to work out a policy to be followed by the Federal Government and the State of Oregon in using, reserving or disposing of public lands, waters, reservoirs and power sites contiguous to the Deschutes river, which best would serve the public interest.

By using the upper Deschutes for irrigation, an aggregate of 55,000 horsepower could be developed on the lower river, the engineers found, and if the upper Deschutes storage be used for power the aggregate horsepower would be increased to 613,000.

"The Pacific Coast," says the report, "is bound to become an industrial center in the future by reason of abundance of water power, even though the uses to which it may be put, considering the scarcity of certain raw materials, are as yet uncertain."

The report continues:

From the standpoint of economy the agricultural products which will ultimately be consumed should be raised locally, both to avoid long distance transportation and to build up communities in which the industrial and farming interests shall be reasonably balanced.

Value of irrigated land are steadily advancing, and it will be a question of a comparatively short time when all these irrigation units, if not feasible now, will become practicable to the extent of available water supply.

225,000 ENGINEERS, ARCHITECTS AND DRAFTSMEN IN UNITED STATES

According to the fourteenth census in 1920 there were 64,660 civil engineers and surveyors in the United States as compared with 52,033 in 1910. The total number in the professional technical class, according to the census report, was 224,957, made up of the following:

	1920.	1910.
Architects	18,185	16,613
Designers	15,410	11,788
Draftsmen	52,565	33,314
Inventors	2,376	2,347
Civil engineers and surveyors	64,660	52,033
Electrical	27,077	15,278
Mining	6,695	6,930
Mechanical (including all others)	37,689	14,514
Total	224,957	152,817

The above figures for 1920 include 7842 women for all but 178 of whom were designers, draftsmen or inventors. The total for 1910 includes 6283 women.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

That the greater part of the construction projects now under way will be forced to shut down for lack of construction materials unless the present coal priority order is modified is the statement made by the Associated General Contractor of America (Washington, D. C.), in a petition of protest to the Interstate Commerce Commission. It is the opinion of the contractors that the action of the commission is so drastic as to defeat its own purpose to keep industry in operation by practically shutting down the second largest industry in the country, upon which 11,000,000 people depend for their livelihood.

The contractors are in favor of priority for coal for the first four classes established by the commission, including special purposes, government uses, public utilities and domestic consumption, but contend that building materials are just as important to construction as coal is to other manufacturers, and should have equal place with it after the first four classes are served.

The petition calls attention to the fact that with the re-opening of the mines the demand for cars for coal will be not less than 320,444 cars per week, of the maximum 324,000 serviceable cars of these only 291,000 will be suitable for the loading and transportation of coal, leaving only 33,000 open-top cars railway strikes will be settled, and that the present priority order stands, the contractors estimate the probable demand and supply of open-top cars, weekly during August, September and October, will be as follows:

Commodity.	Demand.	Supply.	Per Cent Supplied.
Coal	320,000	291,000	91
Sand, stone and gravel	50,000	10,615	21
Ore	40,000	8,516	21
Iron and Steel	25,000	5,322	22
Miscellaneous	20,000	4,258	21
Limestone	10,000	2,129	21
Coke	10,000	2,129	21

Engineer C. E. Grunsky of San Francisco, in charge of the Gordon Valley water project for the city of Vallejo, will confer with officials of that city regarding his compensation for services. Under the present arrangement Grunsky's firm is being paid for engineering services rendered, while Grunsky, senior, is paid a retainer each month. City officials believe a saving could be made by accepting the percentage plan suggested by Grunsky some months ago. Grunsky intimated that he would ask 6 per cent of the project figure, minus the cost of purchase of lands and rights of way and legal fees. According to officials the 6 per cent would apply to approximately \$800,000, giving the firm a fee of \$48,000 for the entire job.

The San Francisco Electrical Development League has gone on record as endorsing the transportation franchise amendment sponsored by the California Real Estate Association. The amendment proposes to unify and simplify the control and regulation of electric railways and motor busses and trucks operated over the public highways, by giving the railroad commission sole franchise-granting power over these utilities.

Construction operations in Chicago under the "Landis award" fixing wages for the building crafts, which thirteen trades unions refused to accept, are going along merrily, according to the Chicago Association of Commerce. Contractors operating under the Landis award have started \$80,000,000 worth of building this year and have 16,000 men working in the thirteen "outlaw" trades.

F. G. Lingren, sales manager for the Denny-Renton Clay & Coal Co., Seattle, Wash., has resigned to accept a similar position with a clay products company in San Francisco, according to word from Seattle. Lingren was associated with the Denny-Renton Co. since its incorporation in 1905, the company at that time operating under the name of Denny Clay Co.

Luning Mineral Products Co.'s plant at Richmond suffers fire loss of \$30,000. The company manufactures paints and paint colorings.

The marble quarry near Pine Grove, Calif., closed for the past twenty-five years, has resumed operations under the direction of the original owners, George and Albert Dondero. The quarry was closed due to the cost of transporting of material. Improved facilities allow the reopening.

Construction on the first unit of the \$500,000 plant of the Washington Iron Works in Seattle, Wash., has been started by the Puget Sound Bridge & Dredging Co. First unit will consist of boiler shop, 70 by 570 ft., two stories in height, of steel construction, and will cost \$100,000.

Northern Clay Co. of Auburn, Wash., has contract to furnish terra cotta for \$2,569,000 Dexter Horton Bldg., to be erected in Seattle. Puget Sound Bridge & Dredging Co., Seattle, are general contractors.

W. H. Palmer and J. S. Fuimer have formed a partnership and will engage in the electrical contracting business in Santa Rosa. Storerooms will be opened at 717 Fourth St.

George W. Johnson, for nine years with Pacific Gas & Electric Co. at Marysville, has resigned to enter the electrical contracting business in Yuba City.

The U. S. Steel Corp., under date of Aug. 10, announces its unfilled tonnage increased 140,630 tons. The tonnage on July 31 totaled 5,776,161 tons, as against 5,635,531 on June 30 and 4,830,324 on July 31, 1921.

Klamath Falls, Ore., lumber mills and box shoo factories are working full shifts, 24 hours a day, to handle increased demand for product. From 500 to 1000 more men could be used, according to reports.

The California White & Sugar Pine Manufacturers' Association estimates a stand of 325 billion feet of timber in its territory, which extends from Klamath Falls, Ore., to the Tehachapi.

Auburn city trustees proposed to purchase electric lighting system of Bell Electric Company. Bonds will be voted.

ALONG THE LINE



Expenditure of approximately \$4,000,000 in the construction of a giant hydro-electric plant to serve the Northwest Electric Co., Portland, Ore., is announced by Herbert Fleishhacker, president of the company and San Francisco banker. Within sixty or ninety days the site of the plant will be selected and work commenced as soon as possible.

Charles Walter Tubby, Seattle, Wash., sales manager for the Worthington Pump and Machinery Corp., has been elected chairman of the Western Washington section of the American Society of Mechanical Engineers, of which Dean Dexter S. Kimball, of Cornell is president. Tubby succeeds Wallace L. Newell of Seattle.

The Penzoid Co., affiliated with the Pennsylvania American Refining Co., has purchased a two-acre site in Powell St., west of San Pablo, Oakland, and will construct storage tanks and warehouse.

Utah Construction Co., Phelan Bldg., San Francisco, at approximately \$350,000, awarded contract to construct six and one-half miles of spur track for Western Pacific Railway in vicinity of Stockton.

J. O. Wanzer, newly-appointed city manager of Marysville, rules that permits must be secured before building operations are started. Plans will be required with applications.

The Spencer Electric Co. has purchased the stock and fixtures of the California Electrical Construction Co. and has opened new quarters at 320 Twelfth St., Oakland.

C. R. McCormick & Co. have incorporated their Los Angeles organization under the name of Charles R. McCormick Lumber Co. of Los Angeles, with John Olsen as general manager.

Bids are being received by city trustees of Crescent City, Del Norte County, to improve about fifty blocks of streets, for which bonds of \$180,000 were voted.

Manteca city trustees ask State Railroad Commission to place valuation on Manteca waterworks. Proposed to vote bonds and purchase system for municipal operation.

City of Oakland will vote question of issuing bonds of \$538,000 to purchase Redwood Park. Election will be held August 29.

Alva J. Smith, representing Black & Veatch, eastern consulting engineers, has opened an office at 200 Fay Bldg., Los Angeles.

Senator Samuel Shorthridge will seek an appropriation of \$110,000 to purchase site and erect Federal building at Marysville, Cal.

NEW EXCAVATING MACHINE IN OPERATION AT LOS ANGELES

Street and highway contractors will be interested in a new excavating machine in operation in Los Angeles by the Continental Construction Co. of that city. The machine is the first of its kind to be seen here, although it has been in operation for six years in Chicago and the middle west. It weighs some 45,000 lbs., cuts a trench 6 ft. 6 ins. wide to a depth of 3 ft. or any less depth, by means of a revolving cylinder carried at the front end of the machine. This cylinder is equipped with scoops which elevate the material over the cylinder and drop it into an endless belt, which carries it into wagons or trucks alongside, similar to an elevating grader. These scoops are fitted with cutting teeth, both scoop and teeth being heavy cast manganese steel which are said to last for a year under ordinary working conditions. The machine is stoutly built of heavy structural steel beams, is driven by 45 h. p. Twin City gas engine, and is equipped with caterpillar tread. When broken in the machine is supposed to take care of 100 cu. yds. of material an hour. No preliminary plowing is required. The machine is being put to a rigid test on the job on which it is now engaged, the material being densely compacted granite boulders and oiled hardpan. The equipment is built by Koehring Machine Co., represented in California by Harron, Richard & McCone.

ELEVENTH NAVAL DISTRICT SEEKS \$9,500,000 FOR IMPROVEMENTS

Officers of the Eleventh Naval District will ask for appropriations totaling \$9,500,000 for enlarging various naval establishments at San Diego bay in the naval budget for 1923-24. Among the improvements proposed are two reinforced concrete wharves, each about 1000 ft. in length, at the destroyer repair base, a reinforced concrete wharf at the foot of E St. to serve the fleet administration building and naval storehouse and a wooden wharf at the naval training station at Loma Portal. A 2500-ton marine railway, duplicating the one now being erected at the destroyer repair base, is proposed. Construction of a large number of barracks, storehouses, shops, power plants and other improvements at the various naval stations is also contemplated. During the last 10 years the Government has spent about \$20,000,000 on permanent construction projects for the navy at San Diego.

BIDS ASKED FOR STATE PRINTERY CONSTRUCTION

Bids will be considered by the State Department of Public Works, George B. McDougall, State architect, to construct the State printery to be erected at Eleventh and O'Sts., Sacramento. The structure will be two stories in height, with basement, 161 by 154 feet. The basement and first story will be of reinforced concrete mushroom construction and the second story and roof of slow burning roof construction. The structure will have a composition roof with terra cotta tile parapets, skylights, steel sash for exterior windows, plastered exterior, terra cotta ornamentation, concrete stairways with iron railings, two freight elevators, offices and comfort rooms. The excavating, mason work, plastering, sheet metal work, roofing and rough carpenter work are included in the items for which bids are desired. Mechanical equipment will be to be done by day's labor.

BIG INCREASE MADE IN HIGHWAY CONTRACTS OVER 1. S.

Statistics compiled by highway information service, New York, show that for the first five months of 1922 a sum of \$35,258,000 more has been awarded for road and street construction in the United States than for the corresponding period in 1921. In May, 1922, contracts let amounted to \$9,626,000 more than the contracts let in May, 1921. The figures show that notwithstanding a late start this year the program of constructing better highways is progressing more rapidly than ever and that this favorable condition will continue until fall. Contracts awarded for road and street construction in the United States during the first five months of 1921 and 1922 were valued as follows:

	1921	1922
January	\$2,689,000	\$7,397,000
February	13,578,000	18,074,000
March	23,504,000	33,830,000
April	49,487,000	46,529,000
May	63,426,000	52,596,000

Total.....\$208,684,000 \$173,426,000

The figures showed also that average prices, January to May, 1922, for road materials were 20 per cent lower than for the same period in 1921, and that the amount of materials used, as well as labor employed, increased 50 per cent.

COMPETITION ON SELECTED BIDDERS TO FIGURE YOUR WORK?

The majority of architects have given much thought to the matter of calling contract bids in connection with the work they have planned. Many have found the practice of selecting a few responsible contracting firms and permitting only these concerns to figure the contracts satisfactory, while others feel that competition among bidders is curtailed through the employment of the practice of selecting bidders on the work.

It is decidedly not fair for an architect to be called upon to supply twenty-five or thirty sets of plans to prospective bidders on the average building project. His commission will not pay for the grief connected with such action and he may, in many cases, obtain figures that are so ridiculously low that a bonding house would be required to finish the work for the bankrupt contractor. The architect has become acquainted with the methods of certain responsible builders and he prefers to call in a few such men and let them offer bids for the contract. He knows that the work will proceed without delay and he is fairly sure that the owner has obtained the best possible bid on his building.

However, it has been found necessary to pass a law requiring that bids be advertised for on public buildings and improvement work. There, undoubtedly, was need for such a law. No one suffers through compliance with the law and through the added competition among the bidders very close figures are obtained.

"I find conditions in the Northwest very different from those obtaining in most localities," said a local bidder the other day. "I am equipped to handle building projects efficiently, but being a newcomer in the field I experience difficulty in obtaining plans to figure. The better known firms are called in by the architect, who, in many cases, advises me that he has all the bids he desires. It may be possible that on certain of those jobs I can give the owner a much better bid than the bid which is finally accepted."

Somehow it does not seem that the practice of selecting a few bidders and excluding others who may possibly be

In position to offer an exceptional bid on a particular contract is quite right. The more competition the better, providing, of course, that the bidders are responsible. The owner is entitled to unrestricted legitimate competition the same as the city, county, state or national governments are.

The practice of selecting bidders leads to insinuations unfounded insinuations—but statements, nevertheless, that are anything but beneficial to the building industry at large. Seattle Journal of Commerce.

NEW TYPE OF APARTMENT HOUSE FOR PARIS

To combat the housing shortage it is proposed to erect a hundred apartment houses in the form of towers around the boundaries of Paris known as the "fortifications" which would approach in height the greatest New York sky-scraper but would be separated by several hundred yards expanse of gardens. Each building would be designed to house 4000 people and all would be uniform in design in order to form a symmetrical frame for the capital. It was only recently that the Perisians, imbued with the idea confirmed by a city ordinance that the municipal beauty depended upon limiting the height of buildings to seven stories, considered the American type of sky-scraper vulgar, but housing difficulties have brought about a change of mind. The tower-house plan, is advocated by a famous architect and is likely to be accepted on account of the economy of the construction proposed. The plan provided for the use of "electric cement" invented during the war for heavy artillery bases which is ferro aluminum of limestone obtained through an electric furnace process. This new material is manufactured without the use of coal in Alpine hydro-electric plants and acquires in 24 hours the same hardness that Portland cement does in a month and this solidity increases with age.

JOINT FILLER IS DEVELOPED FOR CONCRETE

Unightly black lines, sometimes jagged and irregular, which mar the appearance of practically all concrete roads and which are due to the natural color of materials used to fill joints and cracks, will be avoided by the use of a material for the purpose developed in the laboratories of the U. S. Department of Agriculture, if tests by actual use prove as successful as expected.

This material has the same color as concrete, and when used to fill cracks and joints the surface has the appearance of a continuous and unbroken slab to the casual observer.

No particular advantage over other good materials is claimed for the preparation other than its color, and it is probable that the cost will be somewhat higher but not prohibitive.

For several weeks a section of road with expansion joints filled with this material has been under observation, and the results are entirely satisfactory, but a longer test will be necessary before it can be recommended for general use.

The mixture consists of approximately 12 parts rosin, 1 part crude rubber, with sufficient barium sulphate to give the desired color. In preparation the rubber is dissolved in gasoline, and the rosin is then mixed in with an application of heat, the coloring material being added as required. Any desired consistency can be obtained by varying the proportions. A material with remarkable adhesive properties is produced and which can be heated so that it will flow into the cracks and joints.

Building News Section

APARTMENT HOUSES

Plans Being Prepared

APT. HOUSE. Cost, \$22,000
SAN FRANCISCO. North Beach District.

Three-story and basement class C apt. house (six 4-room apts, with garage in basement).

Owner—Withheld.
Architect—Albert Fahre, 110 Sutter St., San Francisco.

Contract Awarded.

APARTMENTS. Cost, \$19,000
SAN FRANCISCO. S Washington St., 165 W Scott St.

Three-story and basement frame (5) apartments.

Owner—Miss A. G. Duffy, 2805 Washington St., San Francisco.
Architect & Contractor—K. Adler, 493 22nd Ave., San Francisco.

Owner Taking Sub-Figures.

APARTMENTS. Cost, \$90,000
SAN FRANCISCO. S Sutter 116-6 W Hyde St.

Four-story and basement reinforced concrete (32) apartments.

Owner—Louis D. Stoff, Sutter St. near Leavenworth St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.

Working Drawings Being Prepared.

APT. HOUSE. Cost, \$350,000
LOS ANGELES. Los Angeles Co., Cal. SE. Wilshire Blvd. and Berende St.

Ten-story class "A" reinf. concrete apartment house (145x175), 240 rooms (pressed brick and terra cotta facing).

Owner—A. C. Blumenthal, Loew State Bldg., Los Angeles.
Architect—Alex. E. Curlett and Caud Beelman, 408 Union Bank Bldg., Los Angeles.

Concrete Contract Awarded.

APARTMENTS. Cost, \$100,000
SAN FRANCISCO. SW. Geary and Jones Sts.

Six-story and basement Class C steel and reinforced concrete store and apartment house (25 2 and 3-room apartments and 4 stores).

Owner—S. & G. Gump Realty Co., Architect—Milton Latham, 452 Montgomery St., San Francisco.

Concrete work awarded to Adam Arras Co., 130 Jessie St., at \$14,980.

Figures are being taken for carpentry, mill work and plastering.

Contract to Be Awarded This Week.

APARTMENT HOUSE. Cost, \$400,000
SAN FRANCISCO. NE. Gough and Washington.

Eight-story and basement reinforced concrete apartment house (60 2-4 and 5-room apartments).

Owner—Crest View Apartments, Inc. Architect—Jos. L. Stewart, Claus Spreckels Bldg., San Francisco.

Contractor—Mason Bros., 251 Kearny, San Francisco.

Plans Completed.

APARTMENTS. Cost, \$13,000
SAN FRANCISCO. SE Eleventh Ave. and Geary.

Three-story and basement frame (4) apartments.

Owner—Jeanette Liebman, 113 9th Ave., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Contract Awarded.

APARTMENTS. Cost, \$75,000
LOS ANGELES. Los Angeles Co., Cal. No. 360 South Burlington St.

Two-story brick and stucco apartment house, 50x71, with dance hall in basement.

Owner—Lila Lee.
Architect & Contractor—Arthur Heese, 1117 Hollingsworth Bldg., L. A.

Contract Awarded.

STORE & APT. HOUSE. Cost, \$25,000
SACRAMENTO. Sacramento Co., Cal. 120-122 1 St.

Three-story frame store and apartment house.

Owner—E. T. Berry, 2126 Howard St., San Francisco.
Architect—None.

Contractor—Capital Construction Co., 1405 K St., Sacramento.

Plan to Start Work in Sixty Days.

APARTMENTS. Cost, \$1,300,000
SAN FRANCISCO. NE Sacramento and Mason Sts., 137-6x275.

Eight-story and basement class A reinforced concrete community apartment house (47 apts. from 6 to 22 rooms each).

Owner—El Francisco Apartments, Inc., M. V. E. MacAdam Co.
Architect—Harry P. Merritt, 485 California St., San Francisco.

Contractor—Marcus Marcussen, 485 California St., San Francisco.

Many of the choicest apartments have been sold. Among the purchasers are Wm. G. Henshaw, Mrs. Wm. Younger, Chas. Rodolph, Mrs. A. V. Drury, Commander Martin J. Peterson, U. S. N. Misses. Eliz. and Grace Brown, Mrs. Downey Harvey, et al.

There will be a large garage in the basement. The entrance will be on the corner with ornamental iron gates, a garden, 30x100 with sunken pool, etc.

Plans Being Prepared.

APARTMENTS. Cost, \$70,000
LONG BEACH. Los Angeles Co., Cal. No. 319-323 W Fourth St.

Four-story apartment building (96

Owner—F. M. Butterfield, 919 E-17th St., Long Beach.

Plans Being Prepared—To Be Ready for sub-figures in Two Weeks.

APARTMENTS. Cost, \$65,000
SAN FRANCISCO. E. Leavenworth 80 ft. S. Ellis.

Five-story reinforced concrete (23 2-room apts.), 50x85.

Owner—Withheld.

Architect—A. H. Knoll, Hearst Bldg., San Francisco.

SPECIFICATIONS

Floors: Hardwood.

Heating: Steam.

Plumbing: Hot water heater.

Wall h-eds.

Electric elevator.

Contracts Awarded.

APARTMENTS. Cost, \$40,000
RICHMOND. Contra Costa Co., Cal. Cor. Solano Ave. and The Alameda.

Two-story apartment building with stores, 50x150.

Owner—W. & F. Partado and Chris Escobar, Mechanics Bank Bldg., Richmond.

Designer & General Contractor—E. A. F. Carson.

Plumbing and Heating—J. I. Collins.

Sheet Metal Work—Spiesch Bros.

Electrical Work—V. G. Elec. Co.

Grading & Concrete Work—Frank Ausz.

Painting—Frank McCauley.

Plastering—George Ingram.

Hardwood Stairs and Floors—C. Peterson.

Contract Awarded.

APARTMENTS. Cost, \$195,000
SAN FRANCISCO. NE Gough and Washington Streets.

Eight-story and basement reinforced concrete apartment house (60 3, 4 and 5-room apts.)

Owner—Crest View Apartments, Inc. Architect—Jos. L. Stewart, Claus Spreckels Bldg., San Francisco.

Contractor—Mason Bros., 251 Kearny St., San Francisco.

LONG BEACH, Los Angeles Co., Cal.

C. Schlusmeyer, manager Broadway Department Store, 411 Pine Ave., Long Beach, is reported having plans prepared by R. H. Walker, 35 American Ave., for a \$60,000 3-story, 60-room apartment building, to be erected at 5th St. and Pacific Ave., and an \$80,000 market building at 6th St. and Pacific Ave. on sites recently purchased from the Board of Education following the abandonment of the Pine Ave. School.

PORTERVILLE, Tulare Co., Cal.—W. J. Godley

will construct bungalow court in Thomas Acres, a new residence tract; will house ten families; estimated cost, \$25,000.

BANKS

Contracts Awarded.

BANK & OFFICE BLDG. Cost, \$200,000
WHITTIER, Los Angeles Co., Cal. Two-story and basement Class A bank and office building.

Owner—First National Bank.

Architect—John and Donald Parkinson.

Title Insurance Bldg., Los Angeles.

General contract to Macdonald & Douglas Bldg., Los Angeles, \$92,000.

Structural steel to Baker Iron Works.

Terra cotta to Gladding & McBean.

Crocker Bldg., San Francisco.

Contract Awarded.

BANK, STORE, OFFICE AND LODGE BLDG. Cost, \$—
REDONDO BEACH, L. A. Co., Cal. Pacific Ave. and El Paso.

Four-story brick bank, store, office and lodge bldg., 127x157.

Owner—Redondo Savings Bank.

Engineer—L. E. Pemberton, Redondo.

Contractor—Jay Thurber, Redondo.

The brick work was awarded to Dillon & Wilson.

Plans Being Prepared.

BANK. Cost, \$—
OAKLAND, Cal. College Ave. Two-story concrete brick and terra cotta branch bank.

Owner—Oakland Bank of Savings.

Architect—Reed & Corlett, Bank of Savings Bldg., Oakland.

General and Segregated Bids Wanted.

BANK. Cost, \$100,000

LOS ANOS, Merced Co., Cal. Sixth and Eye Sts.

Two-story Class A concrete bank and office building.

Owner—Bank of Los Banos.

Architect—H. H. Winer Co., 503 Market St., San Francisco.

BONDS

WHITTIER, Cal.—Blythe, Witter & Co., Los Angeles

were awarded the \$20,000 water bond issue by the city trustees at a premium of \$1381.80.

WHITTIER, Cal.—Blythe, Witter & Co., Los Angeles

have purchased the \$149,500 city sewer bond issue at a premium of \$815.25.

LIVE OAK, Santa Cruz Co., Cal.

Election will be held Sept. 1 in Live Oak School District to vote bonds of \$10,000 for school improvements. Trustees of district are: A. M. Foster, C. P. Baird, and Mrs. M. V. Keller.

REDDING, Shasta Co., Cal.—Shasta county

at November general election, will vote question to issue bonds of \$50,000 to finance construction of one or more memorial buildings for use of ex-service men.

SAN FRANCISCO—Finance Committee of Board of Supervisors proposes to call election to vote bonds of \$12,000,000 to purchase sites and construct additional school buildings also \$2,000,000 to reconstruct relief home buildings.

FRESNO, Fresno Co., Cal.—Bonds of \$82,000 voted to purchase sites for new school buildings.

SAN BERNARDINO, San Bernardino Co., Cal.—County supervisors will submit to voters at once proposition to bond county in sum of \$250,000 for a court house. The grand jury has insisted on immediate action as the present quarters are a menace to the records. The issue has been submitted to the people twice within the past two years. Tentative plans were prepared previously by Architect H. E. Jones, Katz Bldg. If the present issue is defeated, the supervisors must build a temporary fireproof building at the rear of the court house for safekeeping of documents.

OAKLEY, Contra Costa Co., Cal.—Election will be held September 4 in Oakley School District to vote bonds of \$15,000 to finance construction of a new school. Trustees of the district are J. Hall, K. Y. Mooney and O. M. Champlin.

Jas. T. Narbatt, 910 Macdonald Ave., Richmond, is the architect.

REEDLEY, Fresno Co., Cal.—Election held in Altamont Union High School District to vote bonds of \$85,000 to finance school improvements failed to carry. J. Ryland of Fresno are the architects.

COLUSA, Colusa Co., Cal.—Election will be held Sept. 12 in Colusa Union High School District to vote bonds of \$250,000 to finance construction of new high school plans for which are being completed by Architect W. H. Weeks, 369 Pine St., San Francisco.

FRESNO, Fresno Co., Cal.—Supervisors sell \$150,000 bond issue of Central Union High School District for premium of \$6808; proceeds of sale to finance construction of one-story administration building to contain 13 rooms. An architect will be selected within the next few days.

TRACY, San Joaquin Co., Cal.—City trustees propose to issue bonds of approximately \$136,000 for septic tank, fire equipment, water main extensions and other improvements. W. D. Harrington, city engineer.

SAN FRANCISCO—Supervisors adopt resolution to call election to vote bonds of \$12,000,000 to erect new schools and additions to standing buildings. In addition to school issue supervisors are pledged to place 15-cent tax rate to meet repairs, etc., to schools.

SAN FRANCISCO—Supervisors adopt resolutions to call election to vote bonds of \$2,000,000 for the erection of a new relief home.

MERCED, Merced Co., Cal.—Bonds of \$13,000 voted to finance paving streets in vicinity of John Muir and West side Grammar schools.

SANTA ROSA, Sonoma Co., Cal.—City Street Commissioner L. L. Miller proposes bond election for \$50,000 to finance construction of municipal asphalt plant.

OROVILLE, Butte Co., Cal.—Until Aug. 31 bids will be received by supervisors for purchase of \$6000 bond issue of Cohasset Union School District; proceeds of sale to finance school improvements.

DELANO, Kern Co., Cal.—City trustees sell \$25,000 water bond issue for premium of \$100; proceeds of sale to finance improvements to water system.

NAPA, Napa Co., Cal.—Bonds of \$650,000 voted, of which \$240,000 will purchase system of Napa City Water Co. and balance for improvement and extensions of city's water holdings in Milliken Canyon.

CHURCHES

Segregated Figures Being Taken.
CHURCH—Cost, \$125,000
SAN FRANCISCO, Funston Ave. and Clement St.
One-story and basement reinforced concrete church.
Owner—Fourth Church of Christ Scientist.
Architect—Carl Werner, Humboldt Bank Bldg., San Francisco.

Plans Being Prepared—Figures to Be Taken Shortly.
CHURCH—Cost, \$—
LOS ANGELES, Los Angeles Co., Cal.
Guirado St. near Euclid.
Hollow tile and concrete church (to seat 600, Sunday School to seat 400).
Owner—Eleventh Church of Christ Scientist.
Architect—A. F. Leicht, 1006 Hilberian Bldg., Los Angeles.

Preliminary Plans Being Prepared.
CHURCH—Cost, \$350,000
LOS ANGELES, Los Angeles Co., Cal.
Windsor Blvd. and Normandie Ave.
Church.
Owner—Wilshire Boulevard Christian Church.
Architect—Robert H. Orr, 3301 Van Nuys Bldg., Los Angeles.

Contracts Awarded.
CHURCH—Cost, \$22,258
ELK GROVE, Sacramento Co., Cal.
One and two-story concrete and frame church.
Owner—Federated Community.
Architect—F. A. S. Foale, Ochsner Bldg., Sacramento.
Contractor—Wm. C. Keating, Capitol National Bank Bldg., Sacramento.
Plumbing and heating awarded to Lupton, Hawley & Thing, 906 7th St., Sacramento.
Electrical work to Sterling Elec. Co., 1017 9th St., Sacramento.
Work has been started.

Plans Being Figured—Bids Close Aug. 26, 1922.
CHURCH & SCHOOL—Cost, \$200,000
SAN FRANCISCO, N. Filbert 137-6 E. Powell.
Three-story, basement and tower, reinforced concrete and steel church and school building.
Owner—Roman Catholic Archbishop.
Architect—Chas. Pantoni, 559 Montgomery St., San Francisco.
Figures are being taken as follows:
General contract, including concrete work, carpentry (rough and finish), sheet metal, hollow tile partitions, brick work, rough hardware, and setting finish hardware.
Electrical work.
Plumbing and heating.
Terra cotta work.
Plastering.
Roofing (tar and gravel or asbestos).
Painting.
Ornamental iron work.
Marble, terrazzo and travertine granite.

Plans Completed—Figures to Be Taken About Sept. 1, 1922.
CHURCH—Cost, \$185,000
LOS ANGELES, Adams & Figueroa Streets.
Reinforced concrete church building, tile roof and art glass.
Owner—St. Johns Episcopal Church, Los Angeles.
Architect—Pierpont Davis, 817 Santee St., Los Angeles.

Plans Being Prepared.
AUDITORIUM—Cost, \$40,000
LOS ANGELES, Los Angeles Co., Cal.
NE. Alvarado and Reservoir Sts.
Auditorium to seat 800, classrooms, social hall, kitchen, gymnasium, etc.
Frame and plas. constr., tile rfr., pine trim, staff work, art glass, hardwood fls., gas rad. htg., fan system of ventilating, indirect lighting, pipe organ, pews and opera chairs.
Owner—Echo Park M. E. Church, Los Angeles.
Architect—Arthur G. Lindey, 901 Wright and Callender Bldg., Los Angeles.

Bids opened.
CHURCH—Cost, \$—
RICHMOND, Contra Costa Co., Cal. NW
Nevan Ave. and 12th St.
One-story frame and stucco church.
Owner—First Church of Christ Scientist.
Architect—E. A. F. Carson, 542 24th St., Richmond.
K. J. Henning, 546 43rd St., Richmond, \$3975, including pews add \$275; T & G. partitions add \$40.
John Collins, \$4332 (include pews), T. & G. partitions, \$4288.
F. J. McCausland, \$4275.50; pews add \$271. T & G. partitions deduct \$75.
Carl Overea, \$4500 complete.
E. A. F. Carson, \$4704 complete.
Minor work, \$5234.87 (including pews); T & G. partitions deduct \$68.
Bids were taken under advisement.

Contracts Awarded.
AUDITORIUM—Cost, \$63,750
SAN JOSE, Santa Clara Co., Cal., 5th St. near Santa Clara.
One-story reinforced concrete building (auditorium).
Owner—Society of Practical Christianity.
Architect—Binder & Curtis, 255½ S. 1st St., San Jose.
General Contract—Frank Edmunds, 113 N. 5th St., San Jose.
Heaton, W. J. Enright, San Francisco, \$8311.
Bids for the gravel, cement, hardware, sheet metal and plumbing have been taken by the owners.

Contract Awarded.
MAUSOLEUM—Cost, \$8060
HOLY CROSS CEMETERY, SAN Mateo Co., Cal.
Bronze, marble, granite and concrete mausoleum.
Owner—Withheld.
Architect—Albert Fabre, 110 Sutter St., San Francisco.
Contractor—H. U. Realine, 429 Hearst Ave., San Francisco.

FACTORIES & WAREHOUSES

Figures to Be Taken August 15th.
WAREHOUSE—Cost, \$—
LOS ANGELES, Los Angeles Co., Cal.
Fourth and Alameda Streets.
Five-story reinforced concrete warehouse, 80x160.
Owner—DeKins Fireproof Storage Co., Engineer—Edw. T. Flaherty, 435 L. W. Biltmore Bldg., Los Angeles.

Contract Awarded.
ALTERATIONS, ETC.—\$21,000
SAN FRANCISCO, Block bounded by Quint Phelps, Jerrold & Kirkwood.
Move and make alterations and additions to sheep sheds and barns.
Owner—Legalatt & Hellwig - Norton Co., 1600 Fairfax Ave. San Francisco.
Engineer—Leland S. Rosener, Ins. Ex. Bldg., San Francisco.
Contractor—J. A. Bryant, 185 Stevenson St., San Francisco.

Sub-figures Being Taken.
LAUNDRY.—Cost, \$50,000
STOCKTON, San Joaquin Co., Cal. NE
Lafayette and California Sts.
One-story brick and concrete laundry building, 92x150.
Owner—Exclusive Laundry.
Architect and Contractor—Davis-Heller-Pearce Co., Delta Bldg., Stockton.

Contract Awarded.
PLATFORM—Cost, \$15,000
SUNNYVALE, Santa Clara Co., Cal.
Javel's Slough.
One-story frame and corrugated iron warehouse loading platform, pile wharf.
Owner—South Shore Port Co.
Designer & Contractor—Kemper Constr. Co., 628 Montgomery St., S. F.

Contract Awarded.
FACTORY—Cost, \$26,000
SAN FRANCISCO, Bryant near Second St.
Three-story R. C. Factory.
Owner—Louis R. Lurie, care Architect.
Architect—O'Brien Bros., Inc., 240 Montgomery, San Francisco.
Contractor—Vukobratovich & Bagge, 177 Stevenson St., San Francisco.

Contract Awarded.

ALTERATIONS AND ADD. Cost, 21,000
SAN FRANCISCO. Block bounded by
 Quint, Phelps, Jerrold and Kirk-
 wood.
 Move and make alterations and addi-
 tions for sheep shed and barns.
 Owner—Legallatt—Hewitt—Norton
 Co., 1600 Fairfax Ave., San Fran-
 cisco.

Engineer—Leland S. Rosener, Ins. Ex.
 Bldg., San Francisco.

Contractor—J. A. Bryant, 185 Steven-
 son St., San Francisco.

Foundation to Be Done By Day's

Laboi.
MFG. PLANT. Cost, \$—
SAN FRANCISCO. Adjoining 330 10th

St.
 Two or four-story brick manufactur-
 ing plant.

Owner—U. S. Metal Products Co., 330
 10th St.

Architect—Not selected.
 Work will be started immediately on
 the foundation.

Contract Awarded.

CLASS A BLDG. Cost, \$60,000
LOS ANGELES. Amelia Ducommun
 and Commercial Sts.
 One-story brick Class C building, 100

by 202
 Trustees—Bank of Italy, Los Angeles.
 Architect—Albert C. Martin, Higgins

Bldg., Los Angeles.
Contractor—Pozzo Constr. Co., 421
 Macey St., Los Angeles.

Contract Awarded.

REFINING PLANT. Cost, \$50,000
LONG BEACH, Los Angeles Co., Cal.
 SW Cherry and Newport Aves.

Refining plant, 1500 bbl. topping.
 Owner—Alexander Hurns, 12 Locust

Ave., Los Angeles.
 Architect—None.
 Contractor—Raphiner Constr. Co.

Contract Awarded.

PRINTING PLANT. Cost, \$3555
SANTA CLARA, Santa Clara Co., Cal.
 One-story brick newspaper printing

plant building.
 Owner—Auzerais Estate.

Lessee—Santa Clara News.
 Architect—Wolfe & Higgins, Auzerais

Bldg., San Jose.
 Contractor—Morrison Bros., Santa

Clara, Cal.

Figures to Be Taken Shortly.
LOFT BLDG. Cost, \$18,000
SAN FRANCISCO. S. Mission W. 5th.

Two-story Class C reinforced concrete
 loft building and store, 20x160.
 Owner—Louis R. Lurie.

Architect—O'Brien Bros., 240 Montgom-
 ery St., San Francisco.

VENTURA, Cal.—Associated Oil Co.,
 will expend approximately \$28,300 for
 storage tanks, pumping station and
 pipe line at Figueroa St. and the ocean
 front. The station will serve as a ter-
 minus of pipe lines from inter. wels.

SAN FRANCISCO—Bids were re-
 ceived as follows on August 10th by
 the State Board of Harbor Commis-
 sioners for furnishing materials and
 constructing an extension to Pier No.

44 on the waterfront of San Francisco.
 The contract was awarded to The
 Clinton Constr. Co., 140 Townsend St.
 Clinton Constr. Co., 140 Townsend St.,
 A. W. Kitchen, 60,477
 Healy-Thibbitts Constr. Co., 61,343
 Hannah Bros., 62,350

LONG BEACH, Cal.—City Manager
 Hewes has recommended that the city
 install a small asphalt plant, costing
 \$10,000 for repairing city streets and
 taking care of small jobs. The present
 macadam repairing is unsatisfactory.

EL SEGUNDO, Cal.—Brent Bros., 1714
 Eagle St., Los Angeles, have started
 construction of a 1,500,000-gallon rein-
 forced concrete oil reservoir at the
 Standard Oil refinery at El Segundo.
 This is the largest reservoir yet built
 at El Segundo covering 10 acres. It
 will be partly excavated and partly
 banked, with reinforced concrete lining
 and wood roof.

RENO, Nev.—Southern Pacific Co.
 has had plans prepared for modern
 station to be erected here.

SANTA ANA, Orange Co., Cal.—Wm.
 Rohrbacher, Santa Ana, was low bid-
 der at \$59,870, for erecting a three-
 story and basement class C store and
 loft building at Santa Ana for Fine
 Bros. W. W. Kays, Santa Ana, archi-
 tect. It will be 76x115 ft., press brick
 facing, plate glass, steel beams and
 columns, comp. rfg. skylights, 2 eleva-
 tors, etc. Other bids were: J. S. Metz-
 ger & Sons, \$92,800; C. McNeill, \$94,274;
 and Ross & Ritchie, \$104,673.

FIREHOUSES AND JAILS**Plans Being Figured.**

FIRE HOUSES. Cost, \$15,000
VALLEJO, Solano Co., Cal. Sacra-
 mento and York Streets.

Two-story brick fire house.
 Owner—City of Vallejo.

Architect—Chas. E. Perry, 514 Marin
 St., Vallejo.

FLATS**Contract Awarded**

FLATS, ETC. Cost, \$10,000
SACRAMENTO, Sacramento Co., Cal.
 No. 2221 H Street.

Two-story frame flat building (2 5-
 room flats and garage).
 Owner—E. J. McEnemery, 1211½ P St.,

Sacramento.
 Architect—None.
 Contractor—C. E. Harvie, 2212 T St.,

Sacramento.

Segregated Figures Being Taken.

FLAT BLDG. Cost, \$20,000
SAN FRANCISCO. 22nd Ave. in Cali-
 fornia St.

Two-story 7-room frame and plaster
 flat building, 2 bath rooms each,
 basement, garage.

Owner—Mr. Barton.
 Architect—C. O. Clausen, Hearst Bldg.,

San Francisco.

Segregated Figures Being Taken.

FLAT BLDG. Cost, \$14,000
SAN FRANCISCO. 18th Ave. and Cali-
 fornia St.

Two-story 6-room frame and plaster
 flat bldg., with oak floors, gas
 heaters, composition roof.

Owner—L. Campagno.
 Architect—C. O. Clausen, Hearst Bldg.,

San Francisco.

Contract Awarded.

FLATS. Cost, \$16,750
FRESNO, N. W. Yale and Moroa Aves.
 Two-story frame and plaster (4) flats.

Owner—Maunie E. Donley, Fresno.
 Architect—Swartz & Ryland, Rowell

Bldg., Fresno.
 Contractor—Fisher & McNulty, Mattei

Bldg., Fresno.

Contract Awarded.

FLATS. Cost, \$13,552
SAN FRANCISCO. NE Balboa and
 Seventh Avenue.

Two-story and basement frame (4)
 flats.

Owner—M. S. Harris & C. W. Labliner.
 Architect—None.

Contractor—John V. Stefel, 184 22nd

St., San Francisco.

GARAGES**Contract Awarded to Low Bidder.**

GARAGE.
GILROY, Santa Clara Co.
 One-story R. C. commercial garage.

Owner—Mrs. A. Ellis.
 Architect—W. H. Weeks, 369 Pine St.,

San Francisco.

Wm. Radtke (low) Prop. 1 Prop. 2
 \$12,255 \$19,972
Muller & Laboie 20,418
W. Coast. Const. Co. 22,561
Morton Bldg. & Const.
 Co. 23,790
Cohr & Owsley 23,900
M. C. Vaughn 23,500

Plans Being Figured.

GARAGE. Cost, \$14,000
SAN FRANCISCO. W Ninth Ave. bet.
 Irving and Judah.

One-story brick garage, 75x120.
 Owner—A. B. Harrison, Mills Bldg.,

Architect—C. E. Thayer, 110 Sutter St.,

San Francisco.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—National Fire-
 tube Co., 732 S. Broadway, Los Angeles,
 Cal., at \$10,825.35 (time to complete, 60
 days), awarded contract by super-
 vising architect's office, Treasury Depart-
 ment, to furnish and install light fix-
 tures in U. S. Veterans' Hospital at
 Palo Alto, Cal. Other bidders were:
 The Times Co., New York City, \$10,709;
 Dec. 31; Beardslee Chandelier Mfg. Co.,
 Chicago, Ill., \$13,875.85, 130 days; The
 Turner Co., San Francisco, Cal., \$3,870;
 120 days; Roberts Mfg. Co., San Fran-
 cisco, Cal., \$12,384, 120 days; Kayline
 Co., Cleveland, Ohio, \$10,700, Dec. 21.

WASHINGTON, D. C.—Until Sept. 5
 bids will be received by bureau of sup-
 plies and accounts, Navy Department,
 for furnishing and delivering to Mare
 Island Navy Yard, California, 5000 gals.
 paint drier, under Schedule No. 101.

WASHINGTON, D. C.—Until Sept. 5
 bids will be received by bureau of sup-
 plies and accounts, Navy Department,
 under Schedule No. 104, for furnishing
 and delivering at Mare Island Navy
 Yard, California, one 1-Beam crane.

DENVER, Colo.—Until Aug. 25 bids
 will be received by U. S. Reclamation
 Service for furnishing turnout gates
 and hand wheel lifts under Specifica-
 tion D for the Klamath project, Ore-
 gon-California. Involves about 28,000
 lbs. of metal works.

WASHINGTON, D. C.—Senator Samuel
 Shortridge will introduce bill seek-
 ing \$10,000 to purchase site and erect
 Federal building at Marysville, Cal.

SAN FRANCISCO—Until Aug. 22,
 11 a. m., bids will be received by U.
 S. Engineer's Office, 240 Montgomery
 St., under Order No. 3907-SP7-9, for
 furnishing and delivering, Rio Vista,
 Solano county, 100 gals. outside, war
 grab paint, in 5-gal. cans; 500 gals.
 inside white gloss paint, in 5-gal. cans;
 50 gals. inside white flat paint in 5-gal.
 cans; 6 1-in. wide, flat, paint brushes;
 2 porthole glasses, wire inserted; 5-6-
 in. thick, cut to 20-in. diameter.

WASHINGTON, D. C.—Until Oct. 2, 3
 p. m., bids will be received by Super-
 vising Architect's Office, Treasury De-
 partment, to construct postoffice and
 courthouse at Cordova, Alaska. See
 call for bids under official proposal sec-
 tion in this issue.

WASHINGTON, D. C.—War Depart-
 ment announces following appropri-
 ations allowed by Congress for rivers
 and harbor improvements on Pacific
 Coast for fiscal year 1933: Sacramento
 river, \$35,000; San Joaquin river, \$35,
 000; Yuba river, \$35,000; Mormon chan-
 nel, \$10,000; Yuba river debris control work
 \$30,000; Petaluma creek, \$50,000; Los
 Angeles Harbor, \$500,000; San Francis-
 co, \$10,000; Oakland, \$100,000; Richmond
 \$160,000; Humboldt Harbor and Bay
 \$250,000; San Diego Harbor, \$160,000;
 Coos Bay, Oregon, \$150,000; Coos river
 \$3000; Yaquina Bay and Harbor, \$500,
 000; Columbia river and tributaries
 Celilo Falls to Snake river, \$12,500
 Snake river, \$10,000; Clatskanie river
 \$6200; Yamhill river, \$27,300; Lewi-
 s and Clark river, \$11,000; Willamette
 \$2000; Skamokawa creek, \$3000; Grays river
 \$2000; Columbia and Lower Willamette
 rivers below Vancouver and Portland
 \$850,000; Willapa river and harbor
 \$20,000; Grays Harbor, \$100,000; Puget
 Sound, \$36,000; Puget Sound and trib-
 utary waters, \$30,000; waterway Por-
 Townsend Bay to Oak Bay, \$10,000
 Lake Washington ship canal, \$40,000
 Swinomish slough, \$50,000; Bellingham
 Harbor, \$4000.

HALLS AND SOCIETY BUILDINGS

Figures to be Taken Shortly.
DORMITORY BLDG. Cost, \$75,000
LOS ANGELES, Los Angeles Co., Cal.
 No. 325, S-Boyle Ave.
 Two and four-story brick dormitory building, 7x11 1/2.
 Owner—Hebrew Sheltering & Home for Aged.
 Architect—S. H. Brown, 528 Union League Bldg., Los Angeles.

Heating and Electrical Contracts Awarded.
MEMORIAL BLDG. Cost, \$350,000
SAN FRANCISCO, Lincoln Park.
 Class "A" memorial building.
 Owner—Legion of Honor (gift of Mr. O. W. and Mrs. A. B. Spreckels).
 Architect—G. A. Applegarth, Claus Spreckels Bldg., San Francisco.
 Contractor—R. McLeeran Co., Hearst Bldg., San Francisco.

The electrical contract was awarded to the Decker Electrical Co., 149 New Montgomery St., at \$43,296 (complete list of bids in issue of Aug. 15).
 The heating contract was awarded to Scott Co., 243 Minna St. Following is a complete list of the bids received:
 Scott Company \$69,232
 J. H. Pinkerton 79,503
 James A. McLean 74,543
 W. C. Wilson 78,801
 Atlas Heating & Ventilating Co. 79,985

Excavation Contract Awarded.
CLUB BLDG. Cost, \$100,000
SAN FRANCISCO, Turk and Polk Sts.
 Two-story steel and concrete club building and boxing arena.
 Owner—Golden Gate Post No. 40, American Legion.
 Architects—Morrow & Garren, Chronicle Bldg., San Francisco.
 Contractor—Vukievich & Bagge, 180 Jessie St., San Francisco.
 Excavating awarded to the Sibley Contracting & Tearing Co., 135 Landers St., at \$3150.

Sub-figures will be taken shortly on the balance of the work.

Contract Awarded on a Percentage Basis.

ALTERATIONS Cost, \$12,000
PALO ALTO, Santa Clara Co., Cal.
 Stanford University.
 Alhambra added to three-story frame fraternity house.
 Owner—Delta Kappa Epsilon.
 Architect—O. R. Thayer, 110 Sutter St., San Francisco.
 Contractor—A. C. Hamerton, 475 Dewey Bldg., San Francisco.
 The work includes the addition of 4 bedrooms, 2 showers, 2 toilets, entrance dining room, billiard room library and sleeping porch, installing Cole gas heating system, installing wash basins in the 18 rooms, magnetic floors in bathrooms, etc., and hardwood floors.

Plans Being Prepared.
LODGE BLDG. Cost, \$—
LOS ANGELES COUNTY, San Fernando.

Three-story brick store and lodge building, 5x39 1/2.
 Owner—Frank Pesch, Los Angeles.
 Architect—Harold B. Dunn and Walter P. Muller, 6585 Hollywood Blvd., Los Angeles.

Steel Contract to Be Awarded This Week.

LODGE BLDG. Cost, \$35,500
BAKERSFIELD, Kern Co., Cal.
 Four-story Class A reinforced concrete lodge bldg.
 Owner—Elks' Lodge of Bakersfield.
 Architect—Meyer & Johnson, Bankers' Investment Bldg., San Francisco.
 Contractor—Golden Gate Iron Works, 1641 Howard St., San Francisco.
 Bids were opened last February on this work and contracts are to be awarded shortly on other segregations in the near future.

PORTERVILLE, Tulare Co., Cal.—B. P. O. E. Lodge taking bids to erect new building at Main and Merton Sts. Estimated cost, \$75,000. Bids will be opened Aug. 21. Building committee consists of J. A. Newbury, chairman; V. D. Knapp, John T. Fuller, W. E. Sprout and J. A. Ulmer.

MODESTO, Stanislaus Co., Cal.—Supervisors propose to levy three-mill rate to raise \$150,000 to finance construction of club houses in various sections of the county for use of ex-service men.

HOSPITALS

Working Drawings Being Prepared.
HOSPITAL Cost, \$300,000
HOLLYWOOD, Los Angeles Co., Cal.
 Vermont Ave. near Sunset Blvd.
 Five-story Class A reinforced concrete hospital building, 192x40 with wing 60x40.
 Owner—Hollywood Hospital Ass'n.
 Architect—Robert H. Orr, 1301 Van Nuys Bldg., Los Angeles.

SAN FRANCISCO—Board of supervisors will adopt ordinance authorizing the construction of a sun porch enclosure and steel runway to the children's wing of the San Francisco Hospital. Bids will be asked by the board of public works.

HOTELS

Plans Being Prepared.
SEATTLE, Wash. Cost, \$100,000
UNIVERSITY STREET.
 First Avenue and University Street.
 Present hotel for stores, garage and storage rooms.
 Owner—Arbington Hotel.
 Architect—Harlan Thomas, Arcade Bldg., Seattle, Wash.

SAN BERNARDINO, San Bernardino Co., Cal.—Architect H. E. Jones, 405 Koz Bldg., is preparing revised plans for \$400,000 hotel to be built on E St. by local citizens and Chamber of Commerce. The building will be of Italian Renaissance architecture, built in shape of an "H" and have five stories containing 150 rooms, with baths and showers. Steel construction, cut stone finish, stone cornice, red tile roof, terra cotta or marble first floor exterior. The bathroom will be 44x70 ft. The revised plans provide four stories, 18x50 each, on E St.

POWER PLANTS

TURLOCK, Stanislaus Co., Cal.—Following contracts awarded by Turlock Irrigation District in connection with 28 miles transmission line:
Switchboards to General Electric Co., Rio Bldg., San Francisco, \$18,250.
Steel towers, 200 in all, awarded to Pacific Coast Steel Co., Rio Bldg., San Francisco, \$110 each.
470 miles wire awarded to Aluminum Co. of America, Rio Bldg., San Francisco, \$6,190.4 lb.
Insulators to Westinghouse Elec. & Mfg. Co., 1st Nat. Bank Bldg., San Francisco, \$2.47 each.
 R. V. Meikle, chief engineer for district.

OROVILLE, Butte Co., Cal.—City trustees propose to purchase gas and electric properties of Pacific Gas & Electric Co. City Attorney Raymond A. Leonard will confer with State Railroad Commission regarding estimate as to the depreciation and improvement of the properties since the date of valuation fixed by the commission.

SAN FRANCISCO—Yuba Development Co., Hobart Bldg., San Francisco, taking bids for power house equipment in connection with Bullard's bar project near Marysville, Yuba county. R. H. Elliott, manager of company.

TURLOCK, Stanislaus Co., Cal.—Until Sept. 3, 2 p. m. bids will be received by Anna Sorenson, secretary, Turlock Irrigation District, for furnishing transformers and switches. R. V. Meikle, chief engineer for district. See call for bids under official proposal section in this issue.

PORTLAND, Ore.—Expenditure of \$4,000,000 in the construction of a giant hydro-electric plant to serve the Northwestern Electric Co. is announced by Herbert Fleishacker, president of

the company and San Francisco banker. Details regarding the project will be available when deals for the site are completed.

PUBLIC BUILDINGS

Plans Being Prepared.
CITY HALL Cost, \$600,000
STOCKTON, San Joaquin Co., Cal.
 Dorado, Center, Fremont and Lindsay Streets.
 Three-story Class A City Hall (granite or terra cotta facing).
 Owner—City of Stockton.
 Architect—J. Pearce of Davis-Heller-Pearce Co.; Jcs. Loskann of Loskann & Crowley & Pete Sala, Delta Bldg., Stockton.
 The City Council has sold the \$600,000 bond issue for a premium of \$50,550.

Bids to Be Asked About Aug. 23.
CITY HALL & FIRE HOUSE. \$20,000
INDIA, Tulare Co., Cal.
 Two-story brick and stucco city hall and fire house.
 Owner—City of Dinuba (C. T. Reagan, city clerk).
 Architects—Friend & Kimzey, Dinuba, Cal.

Plans Being Figured—Bids Close Sept. 1, 1922, 10 a. m.
PRINTING PLANT Cost, \$140,000
SACRAMENTO, Sacramento Co., Cal.
 SW. Eleventh and O Sts.
 General work for two-story and basement Class A State printing plant, 160x160 (reinforced concrete, walls, metal sash, clay tile roof).
 Owner—State of California.
 Architect—Geo. B. McDougall, State Architect, Forum Bldg., Sacramento.

See call for bids under official proposal section in this issue.

EL CENTRO, Imperial Co., Cal.—The \$300,000 county court house bonds were sold by supervisors to Security Bank of El Centro at a premium of \$3000. Plans for the building have been completed by Architects Don Wells, El Centro, and Ralph Swearingen, Calexico. Classic design, two-stories, with half basement. It is expected that the cost will be about \$280,000, leaving funds for furnishings. The plans were approved and architects ordered to proceed with working drawings.

HANFORD, Kings Co., Cal.—County supervisors purchase site of five acres in Irwin St., just outside Hanford city limits, on which it is proposed to erect detention home.

SAN FRANCISCO—Superior Judge Frank Dunne has authorized the use of \$100,000 in the estate of Mary A. Kezar to construct oval stadium in Golden Gate Park. The work will probably be carried on by the park commission.

RESIDENCES

Contract Awarded. Cost, \$12,000
SACRAMENTO, Sacramento Co., Cal.
 No. 1350 42nd Street.
 Two-story 7-room frame residence and garage.
 Owner—S. H. McMananay, 1014 P St., Sacramento.
 Architect—None.
 Contractor—G. E. Harvie, 2212 T St., Sacramento.

Sub-figures Being Taken.
RESIDENCE. Cost, \$—
LOS ANGELES, Micheltorena and Landa Sts.
 Twenty-room H shape brick and stucco residence, 8 bath rooms, concrete swimming pool, 70 x 30, tile finish, retaining wall, stable, garage and gardener's cottage.
 Owner—Mrs. Daisy Danzler.
 Architect—R. D. Farquhar, Security Bldg., Los Angeles.
 Contractor—T. C. Marlow, Micheltorena and Landa Sts., Los Angeles.

Plans Being Figured—Bids Close Aug. 24, 1922.

RESIDENCE. Cost, \$10,000.
OAKLAND, Alameda Co., Cal. Lake-shore Terrace.
Two-story frame and plaster residence (9 rooms and garage).
Owner—Bernard Silverstein.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Figures are being taken for a general contract.

Plans Being Prepared—Figures to Be Taken in 10 Days.

RESIDENCE. Cost, \$10,000.
SAN FRANCISCO, Balboa Terrace.
Two-story frame and plaster 3-room residence (separate garage).
Owner—A. J. Schoorl.
Architect—Harold G. Stoner, care Lang Realty Co., 1st Nat. Bank Bldg., San Francisco.

Contract Awarded.
RESIDENCE. Cost, \$10,000.
STOCKTON, San Joaquin Co., Calif. Hours Park.
Two-story seven-room frame residence.
Owner—Dr. Nelson Katz.
Architect—Ralph P. Morrell, 1. O. O. F. Bldg., Stockton.
Contractor—H. W. Johnson, 301 S. Nomma St., Stockton.

Contract Awarded.
RESIDENCE. Cost, \$11,000.
BERKELEY, Alameda Co., Cal. 2500 Warring.
Two-story 10-room frame residence.
Owner—Robert W. C. Stult.
Architect—Not given.
Contractor—Louis Engler, 2940 Forest Ave., Berkeley.

To Be Done By Day's Work.
RESIDENCE, GAR., ETC. \$50,000.
HOLLYWOOD, Los Angeles Co., Cal.
Fourteen-room frame and plaster residence, garage and swimming pool.
Owner—C. E. Toberman, Los Angeles.
Architect—Russell & Alpaugh, 1106 Story Bldg., Los Angeles.

Plans Being Prepared—Figures to Be Taken in a Week.
RESIDENCE & GARAGE. \$12,000.
SAN FRANCISCO, Balboa St.
Two-story 8-room frame and plaster residence with basement, garage, tile roof, furnace.
Owner—Withheld.
Architect—C. O. Claussen, Hearst Bldg.,

Contract Awarded.
RESIDENCES. \$5000 to \$8000 each.
SAN FRANCISCO, Ingleside Terrace.
Fifteen to 20 one and two-story frame residences.
Owner—Leonard & Holt, 39 Montgomery St., San Francisco.
Contractor—C. S. Allred, 159 Liberty St., San Francisco.
Construction will be started in about a week.

Contract Awarded.
RES. & GARAGE. Cost, \$14,144.
FRESNO, Fresno Co., Cal. 623 Yale Ave.
Two-story brick and frame residence and garage (8 rooms).
Owner—Dr. C. H. Ingram, Rowell Bldg., Fresno.
Architect—Swartz & Ryland, Rowell Bldg., Fresno.
Contractor—John P. Williams, 2530 Harvey St., Fresno.

Contract Awarded.
DWELLING. Cost, \$12,000.
OAKLAND, Alameda Co., Cal. S. Ashmont Ave. 150 W. Mandana Bvd.
One-story 7-room dwelling.
Owner—H. T. Atkinson, 429 Vernon, Oakland.
Architect—None.
Contractor—McWethy & Greenleaf, 1512 Broadway, Oakland.

CHICO, Butte Co., Cal.—Episcopal Church of Chico has had plans prepared for \$30,000 parish house. Dr. E. A. Osborn, rector.

SCHOOLS

OAKLAND, Alameda Co., Cal.—Bids were received on Aug. 14 by the board of education of the City of Oakland for the construction of a two-story brick high school from plans prepared by the school architect, C. W. Dickey, 2149 Broadway, Oakland. All bids taken under advisement:

Vocational High School

General Work.
R. W. Littlefield, 357 12th St., Oakland, \$179,700, alternate No. 2, \$400; G. P. W. Jensen, San Francisco \$195,500, alternate No. 2, \$525; W. G. Thornally, Oakland \$208,000, alternate No. 2, \$525; P. W. Maurice, Oakland, \$208,579, alternate No. 2, \$525; F. L. Hansen, San Francisco, \$198,885; McGinty & Son, Oakland, \$238,881, alternate No. 2, \$535; J. S. Sampson, San Francisco, \$213,997, alternate No. 2, \$800; Robt. Trost, San Francisco, \$183,074, alternate No. 2, \$525.

Brickwork

M. B. McGowan, 180 Jessie St., San Francisco, \$33,987, alternate No. 1, \$1,850; McAlea & Collins, \$43,170, alternate \$1800; H. Beckwith, \$37,700, alternate \$1820; H. Larsen, \$46,870, alternate \$1875; Hock & Hoffmeyer, \$39,850, alternate \$1600; White & Gloor, \$37,800, alternate \$1600; Larsen & Siegrist, \$51,777, alternate \$2000.

Painting

R. Zellinsky, 180 Jessie St., San Francisco, \$9672; J. S. Winvick, \$25,050; I. R. Kissel, San Francisco, \$11,000; D. Zellinsky & Son, San Francisco, \$11,200; J. Burdon, Richmond, \$10,616.

Lathing and Plastering

T. D. Sexton, 351 12th St., Oakland, \$24,950, alternate No. 1, \$920; A. Knowles, San Francisco, \$29,720, alternate \$790; George Dixon, Oakland, \$25,987, alternate \$1250.

Equipment Work

S. Kulchar, 8th Ave. and E. 10th St., Oakland, \$19,500; Schnebly & Hostrawer, Oakland, \$3,475.

Tile Roofing

Richmond Tile & Roofing Co., 325 16th St., Richmond, \$5374; Gladding, McBean & Co., San Francisco, \$6955; Fibrestone & Roofing Co., San Francisco, \$7200.

Plumbing Work

Scott Co., 243 Minna St., San Francisco, \$23,146; A. Fe'dhammer, \$23,741; Carl T. Doell, \$26,775; H. G. Newman, \$23,910.

Heating and Ventilating Work

Scott Co., 243 Minna St., San Francisco, \$23,578; Carl Doell, \$28,966; W. H. Picard, \$31,845; W. K. Nottingham, \$32,222.

Electric Work

Newbery Elec. Co., 359 Sutter St., San Francisco, \$44,850, No. 3 \$1071, No. 4 \$496; M. E. Ryan, San Francisco, \$59,300, No. 3 \$1508, No. 4 \$1000; King Elec. Co., Oakland, \$57,691, No. 3 \$1984, No. 4 \$619; Butte Elec. & Mfg. Co., \$57,668, No. 3 \$850, No. 4 \$825; Roberts Mfg. Co., San Francisco, \$56,430, No. 3 \$1520, No. 4 \$666; Watts Elec. Co., San Francisco, \$51,500, No. 3 \$1700, No. 4 \$650; Butte Elec. Equip. Co., San Francisco, \$63,131, No. 3 \$1670, No. 4 \$1050;

REDDING, Shasta Co., Cal.—Bids were received as follows on August 16th by the board of trustees of the Redding School District for the construction of a two-story reinforced concrete and tile school building to contain ten classrooms and an auditorium. Plans were prepared by Architects Wollett & Lamb, Hagelstein Bldg., Sacramento. All bids were taken under advisement for a few days.

General Contract

Herndon & Finnigan, 1814 17th St., Sacramento	.....	\$92,991			
Sample & Cody,		96,600			
Back & Kohn, San Francisco,		98,447			
West Coast Construction Co., San Francisco	.....	99,311			
Cofor Bros.		102,756			
R. W. Moiler, San Francisco	.....	113,676			
Luppin, Hawley & Thing, 960 7th St., Sacramento	.....	\$6,080.00	\$6,834.00	\$2,727	\$3,149.00
R. C. Lorenze, Klamath Falls	5,880.75	7,917.15	.....	3,227.25	16,675
Hotelry & Hatelye, Sacramento	5,284.00	6,784.00	.....	.....	.....
Shasta Electrical Co. ....	.....	3,236	.....	.....	.....
George C. Foss .....	.....	3,147	.....	.....	.....
Latourrette - Fical Co., Sacramento	.....	.....	.....	.....	18,861

NePage McKinney Co., San Francisco, \$49,877, No. 3 \$1344, No. 4 \$687; Turner Elec. Co., San Francisco, \$52,200, No. 3 \$1488, No. 4 \$547; Standard Elec. Const. Co., San Francisco, \$56,662, No. 3 \$1240, No. 4 \$570.

Commissioned to Prepare Plans.
SCHOOL, BLDGS. Cost, \$137,000.
MT. VIEW, Santa Clara Co., Cal.
Group of fireproof high school bldgs.
Owner—Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Sub-figures Being Taken—Bids Close 2 P. M. Sept. 5.

ADMINISTRATIVE BLDG. \$190,000.
COLTON, San Bernardino Co., Cal.
Two-story administration building, 1-story domestic science bldg., 300 ft. frontage; auditorium to seat 1000; study hall, music room, girls' showers; brick constr., ruff. brick facing, clay tile rfg., reinf. conc. stairways and corridor fls., steam htr., ventilating system.
Owner—Colton Union High School District, Colton.
Architect—Allison & Allison, 1405 Hibernian Bldg., Los Angeles.

Contract Awarded.
SCHOOL. Cost, \$—
LIVE OAK, Sutter Co., Cal.
Brick veneer school.

Owner—Live Oak Grammar School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Campbell Constr. Co., Sacramento.

The contract was awarded on propositions 1, 3, 5, 7 and 8. The bid on No. 1 was for \$44,666.

Contract Awarded. Cost, \$—
FENCE.
SANTA CLARA, Santa Clara Co., Cal.

University Campus.
Brick and concrete fence with ornamental gates, etc (a memorial).
Owner—University of Santa Clara.
Architect—J. J. Donovan, Pacific Bldg., Oakland.
Contractor—J. C. Thorp, Auzeais Bldg., San Jose.

Commissioned to Prepare Plans.
SCHOOL. Cost, \$20,000.

BIEBER, Lassen Co., Cal.
Two classrooms and auditorium school, 25x30 ft. each, classroom to seat 30 pupils, auditorium 100. Basement will contain heating plant, lavatories, water and electric light system.
Owner—Lassen Union High School District (Alcesta Lowe, clerk, Susanville, Cal.).
Architect—C. N. Cooseboom, Klamath Falls, Ore.

Working Drawings Being Completed.
SCIENCE HALL BLDG. Cost, \$200,000.
SANTA CLARA, Santa Clara Co., Cal.
Reinforced concrete Science Hall Bldg.
Owner—University of Santa Clara.
Architect—J. J. Donovan, Pacific Bldg., Oakland.

Commissioned to Prepare Plans.
LIBRARY BLDG. Cost, \$100,000.
BERKELEY, Alameda Co., Cal. (College Ave.).
 Brick library building.
 Owner—Pacific School of Religion.
 Architect—W. H. Hatchell, Jr., 1st Natl. Bank Bldg., Berkeley.
 The first unit of a group of school buildings which, when completed, will run about \$1,000,000.

Plans Being Placed—Bids Close at 9 a. m., Sept. 6.
ADDITIONS. Cost, \$70,000.
SAN PEDRO, Los Angeles Co., Cal. 15th St.
 Two-story additions, 59x50 ft. and 59x55 ft. to present bldg., brick constr., stucco ext., clay tile roof, pine trim, maple fls., reinf. concr. stairways and corridor fls.
 Owner—Board of Education, Los Angeles.
 Architect—F. J. Soper, Story Bldg., Los Angeles.

Bids will be taken separately on the general contract, plumbing, painting, heating and electric wiring.

Contracts Awarded.
SCHOOL BLDG. Cost, \$60,000.
CONCORD, Contra Costa Co., Cal.
 One-story frame or hollow tile school building (10 classrooms and auditorium).
 Owner—Concord Grammar School District.
 Architect—Francis W. Reid, East St., Concord.
General Contract awarded to L. V. Perry, Concord, \$29,710.
Plumbing awarded to E. T. Brady, Martinez, \$3,795.
Heating and ventilating awarded to Thos. J. Kennedy, Martinez, \$8,600.

Figures to Be Taken Within a week.
BRICK SHOP. Cost, \$2000.
NEWMAN, Stanislaus Co., Cal.
 One-story brick shop, 32 x 60.
 Owner—Newman High School District (J. S. Wolfe, clerk).
 Architect—Francis W. Reid, East St., Concord.

PACIFIC GROVE, Monterey Co., Cal.—Until Aug. 24, 3 p. m., bids will be received by J. J. Williams, Clerk Pacific Grove High School District, to construct a gymnasium. Tuttle & Angel, Architects, 565 Lighthouse Ave., Pacific Grove. See call for bids under official proposal section in this issue.

PRATHER, Fresno Co., Cal.—Until Aug. 28, 3 p. m., bids will be received by W. E. Maxwell, clerk, Sierra Union High School District, to construct 4-room frame school. Separate bids for heating. Certified check 10 per cent, payable to clerk of district required. Plans may be had from R. E. Moncrief, Prather, Cal.

SANTA ROSA, Sonoma Co., Cal.—Until Aug. 25, 8 p. m., bids will be received by Fred Mosler, clerk, Olivet School District, Route 2, Santa Rosa, to construct one-story addition to school. Plans may be seen at office of R. E. Boy, Room 15, Dougherty-Shea Bldg., Santa Rosa.

KERMAN, Fresno Co., Cal.—Until Aug. 26, 2 p. m., bids will be received by M. S. Meeker, clerk, Kerman Union High School District, to construct high school. Anton Johnson, architect, Kingsburg Bank Bldg., Kingsburg. Segregated bids are wanted. Bonds of \$150,000 voted to finance construction. See call for bids under official proposal section in this issue.

GONZALES, Monterey Co., Cal.—The bid of J. E. O'Mara, 443 Minna St., San Francisco, at about \$9000, the lowest submitted to the board of education of the Gonzales school district for a steam heating plant with oil burning equipment for the new school and old school building is still under advisement on account of shortage of funds. W. H. Weeks, 369 Pine St., San Francisco, is the architect.

FULLERTON, Cal.—The date for receiving bids for erecting new power house and installing equipment at Fullerton union high school has been extended to 4 p. m. Aug. 25; Carleton M. Winslow, 1134 Van Nuys Bldg., Los Angeles, Cal., Architect.

BUTTONWILLOW, Kern Co., Cal.—Until Aug. 29, 2 p. m., bids will be received by Buttonwillow School District to construct one-story masonry and frame school. Orville L. Clark, architect, Brower Bldg., Bakersfield. See call for bids under official proposal section in this issue.

REDWOOD CITY, San Mateo Co., Cal.—Until Sept. 1, 11 a. m., bids will be received by Elizabeth M. Nash, county clerk, for furnishing and installing hardware in county hospital building. Will H. Toepeke, 342 Market St., San Francisco, architect.

GRANGEVALE, Sacramento Co., Cal.—Until Sept. 2, 3 p. m., bids will be received by Vey Cramer, clerk, Roberts School District, to erect construct school. Plans may be had from clerk or from office of County Supt. of Schools at Sacramento.

REEDLEY, Fresno Co., Cal.—Until Sept. 6, 7 p. m., bids will be received by P. M. Hudson, clerk, Western Union School District, to finish the interior of the school auditorium. Plans may be had from clerk.

REEDLEY, Fresno Co., Cal.—Until Aug. 28, 7:30 p. m., bids will be received by Floyd Caskey, clerk, Reedley Grammar School District, to erect classroom and manual training shop building. Plans on file in Reedley Hardware Store.

MODESTO, Stanislaus Co., Cal.—Until Aug. 29, 8 p. m., bids will be received by Kathleen G. Frear, clerk, Modesto High School District, for furnishing chairs. See call for bids under official proposal section in this issue.

PACIFIC GROVE, Monterey Co., Cal.—Fred McCray, Pacific Grove, at \$3949 awarded contract by Pacific Grove High School District to construct community shop building. Tuttle & Angel, Architects, 565 Lighthouse Ave., Pacific Grove. Other bids: Geo. Miller, Monterey, \$6483 and Wm. P. Sweeney, Pacific Grove, \$5990.

SACRAMENTO, Cal.—Bids were received on Aug. 15 by board of education for the Sacramento City School District for the furnishing and hanging of window and transom shades for each of the following schools: David Lubin, Leland Stanford, Bret Harte and Sierra.

Bids were taken under advisement. Sacramento Window Shade Co., High School, \$1290; elementary, \$1510. Western State Seating Co., high, \$1,275.66; elementary, \$1,297.40. Dunn & Frazier, high, \$1483; elementary, \$1215. Stewart Sales Co., San Francisco, high, \$1335.53; elementary, \$1387.33.

DURHAM, Butte Co., Cal.—Bids were received on Aug. 15 by the board of trustees of the Durham School District for remodeling the present heating system. Bids taken under advisement:
 Latourette-Pical, Sacramento, \$785
 D. E. Marias, 870
 Thomas Kennedy, 895
 Scott Company, 1099
 Hatley & Hatley, 1486

A. E. Leitch Fred Clark

CLARK & LEITCH
ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SAN FRANCISCO

Phone Main 726

PALO ALTO, Santa Clara Co., Cal.—Until August 30, 7:30 P. M., bids will be received by Walter J. H. Nichols, Clerk, Palo Alto Union High School District, to construct one-story frame and stucco gymnasium, locker and shower rooms, etc. Estimated cost \$25,000 to \$30,000. Allison & Allison, Hilberian Bldg., Los Angeles; and Birge M. Clark, 500 Embarcadero Rd., Palo Alto, associate architects. See call for bids under official proposal section in this issue.

PASADENA, Cal.—William C. Crowell, 140 Chamber of Commerce Bldg., Pasadena, has the contract for erecting a high voltage research laboratory and a library addition to the Physics Bldg. at Throop Institute, Pasadena. Library addition, 2-stories, 53x80 ft., concrete construction, tile partitions, wall tiling, concrete slab and comp. floor, one concrete floor, one tile floor; high voltage laboratory, one-story, 68x129 ft., 57 ft. high steel frame, roof trusses and balconies; concrete walls, foundation and floor, concrete slab and comp. roof, plas. ext., art stone dec. panels. Bertram G. Goodhue, New York, architect.

LODI, San Joaquin Co., Cal.—Until August 24, 4 P. M., bids will be received by Perry O. Clark, Clerk, Lodi Union High School District, to construct grand stand, fences and gates at Lodi high school. Wright & Sanders and L. S. Stone, Architects, Bank of Italy Bldg., Stockton. See call for bids under official proposal section in this issue.

DEL MONTE, Monterey Co., Cal.—Until August 28, 7:30 P. M., bids will be received by J. L. D. Roberts, Clerk, Del Monte School District, to construct one-room concrete school. Estimated cost, \$10,000. Tuttle & Angel, Architects, 565 Lighthouse Ave., Pacific Grove. See call for bids under official proposal section in this issue.

VISALIA, Tulare Co., Cal.—Anton Johnson, Kingsburg, submitted low bids to city school board for school contracts as follows: at Visalia, Cuyner St. school bldg. \$15,720 for addition to Highland school (add \$1500 for dash plaster finish exterior and \$8730 for 2 additional rooms to Cuyner St. bldg.). The bid was taken under advisement, and all others rejected. Visalia Plumbing Co. submitted bid of \$8900 (\$6300 for heating of both schools and \$2600 for plumbing, plus \$250 extra if plumbing is used in 2 additional rooms to Cuyner school). Frank R. Rounsaville, Tulare, bid \$2846 for electrical work for both schools, plus \$254 if 2 rooms are added to Cuyner St. school. These two bids were taken under advisement; all others rejected. The bids were: Cuyner St. School—Frederickson & Shannon, \$42,800; Barkeley & Gould, \$23,940; Stone & Rafter, \$49,684; A. E. Noble, \$37,600; Martin Constr. Co., \$39,918. Highland St. school: addition—Frederickson & Shannon, \$31,400; Barkeley & Gould, \$15,887; Stone & Rafter, \$18,205. A. E. Noble, \$17,000; Martin Constr. Co., \$16,670. See prepared by Harry Michaels, Visalia.

ELK GROVE, Sacramento Co., Cal.—Bids were opened on Aug. 11 by the board of trustees of Elk Grove Union High School District. Grading and surfacing walks and drives; furnishing and installing electric clocks; completing construction of shop; furniture.

The lowest bid for the clock system was awarded to the Standard Electric Time Co. of San Francisco. Chair contract was awarded to Rucker-Fuller Desk Co. of San Francisco at \$7.25 per pedestal chair and \$11.85 for desk chairs.

Construction work awarded to W. C. Keating, Capitol National Bank Bldg., Sacramento, at \$6200. Bids for the lockers are still under advisement.

MARYSVILLE, Yuba Co., Cal.—I. C. Evans, Marysville, at \$27,649, awarded contract to construct gymnasium for Marysville Union High School District. Chester Cole, architect, Waterland-Breslering Bldg., Chico. J. L. McLaughlin, San Francisco, bid, Prop. 1, \$28,425; Prop. 2, \$28,200. On Prop. 1, Evans bid \$27,569.

STORES AND OFFICES

Bids in and Under Advisement.
STORES. Cost, \$12,500
 SAN FRANCISCO. W. Mason 137-6 N. Ellis.
 Two-story and basement reinforced concrete store building.
 Owner—Wm. H. Woodfield, Jr.
 Architect—Wm. F. Gunnison, 1666 Golden Gate Ave.

Sub-Figures Being Taken.
MARKET BLDG. Cost, \$250,000
 SAN FRANCISCO. S. Market 205 E. 8th St.
 One-story steel frame Class B market bldg.
 Owner—Crystal Palace Market Co., 1175 Market St., San Francisco.
 Architect—D. C. Coleman, 110 Sutter St., San Francisco.

Grading contract awarded to The S. F. Motor Fringe Co.
 Sub-figures are now being taken for the structural steel, concrete work, lumber, reinforcing steel, refrigerating system. In a few days figures will be taken for the plumbing, electrical work, tiling, roofing, sheet metal work, heating and ventilating.

Work to Start Immediately.
STORE BLDG. Cost, \$100,000
 SAN DIEGO, San Diego Co., Cal. 951 5th St.
 Three-story reinforced concrete store building.
 Architect—Not given.
 Contractor—MacDonald & Kahn, Loew State Bldg., Los Angeles.

Sub-figures Being Taken.
OFFICE & STORE BLDG. Cost, \$40,000
 SAN FRANCISCO. SW. Bush and Trinity St.
 Two-story addition to present two-story concrete office and store building.
 Owner—A. F. Rousseau, 110 Sutter St., San Francisco.
 Architect—D. C. Coleman, 110 Sutter St., San Francisco.

The following contracts have been awarded:
Electrical work to H. F. Haverkramp, 1148 Market St.
Reinforcing steel to Truscon Steel Co., 297 19th St.
Structural steel to Pacific Structural Iron Works, 370 10th St.
Concrete work to P. Hurley, 180 Jessie St.

Plumbing to Scott Co., 243 Minna St.
Stairs to Frank M. Phillips, 713 Bryant St.

Sub-figures Being Taken.
STORE & OFFICE BLDG. \$50,000
 SAN FRANCISCO. N. Geary 137-6 E. Taylor.
 Five-story and basement reinforced concrete store and office building.
 Owner—A. F. Rousseau, 110 Sutter St., San Francisco.
 Architect—D. C. Coleman, 110 Sutter St., San Francisco.

Sub-figures are being taken for plumbing, mill work, sheet metal, etc. The following contracts have been awarded:
Concrete work to P. Hurley, 180 Jessie St.
Electrical work to G. A. Metcalfe, 307 Turk.

Steam heating system to Scott Co., 243 Minna St.
Lumber to Pope & Talbot.
Reinforcing steel to Gunn, Carle & Co., 441 Market St.

Plans Being Prepared.
STORE BLDG. Cost, \$15,000
 BURLINGAME, San Mateo Co., Cal.
 Burlingame Ave. and Primrose Rd.
 One-story reinforced concrete store building (4 stores).
 Owner—Leonard & Holt Realty Co.
 Architect—S. Heiman, 57 Post St., San Francisco.

Work to Start Immediately.
STORE BLDG. Cost, \$100,000
 SAN DIEGO, San Diego Co., Cal. 951 5th St.
 Three-story reinforced concrete store building.
 Owner—P. W. Wentworth Co.
 Architect—Not given.
 Contractor—MacDonald & Kahn, Loew State Bldg., Los Angeles.

Contract Awarded.
STORE BLDG. Cost, \$10,000
 BERKELEY, Alameda Co., Cal. 2362 to 74 Telegraph Ave.
 One-story class "C" store bldg (six stores).
 Owner—F. F. Romie, 418 Newton Ave., Oakland.
 Architect—Hutchinson & Mills, 1512 Broadway, Oakland.
 Contractor—Leslie R. Wilson, 2216 Blake St., Berkeley.

Contract Awarded.
STORE BLDG. Cost, \$7800
 LOS BANOS, Merced Co., Cal.
 One-story concrete store bldg.
 Owner—Incola Latoraco.
 Architect—C. Fantoni, 550 Montgomery St., San Francisco.
 Contractor—M. M. Finlayson, Los Banos.

Figures to be Taken in a Few Days.
STORE BLDG. Cost, \$3500
 SAN FRANCISCO. Ashbury and Hayes Streets.
 One-story frame store building.
 Owner—Mr. Stuhf.
 Architect—E. E. Young, 251 Kearny St., San Francisco.

Plans Being Prepared.
CONCRETE BLDG. Cost, \$—
 SAN FRANCISCO. NW. 5th and Clementina.
 Two-story reinforced concrete building.
 Owner—Louis R. Lurie, Flatiron Bldg., San Francisco.
 Architect—O'Brien Bros., 240 Montgomery St., San Francisco.

Plans to be Prepared.
BUILDING Cost, \$—
 SAN FRANCISCO. S. Howard 287-6 E. Sixth St., 37-6x30.
 Two-story reinforced concrete building.
 Owner—Louis R. Lurie, Flatiron Bldg., San Francisco.
 Architect—Not Selected.

Plans to be Prepared.
BLDG. Cost, \$—
 SAN FRANCISCO. S. Bryant 160 W. Second St., 50x80.
 Two-story reinforced concrete building.
 Owner—Louis R. Lurie, Flatiron Bldg., San Francisco.
 Architect—Not Selected.

Plans Being Prepared.
CLASS B BLDG. Cost, \$—
 SAN FRANCISCO. N. Turk 87-6 W. Leavenworth St.
 Two-story Class B building.
 Owner—Louis R. Lurie, Flatiron Bldg., San Francisco.
 Architect—Albert Schroepfer, Nevada Bank Bldg., San Francisco.

Plans Being Prepared.
DEPT. STORE Cost, \$100,000
 LOS ANGELES. Hollywood Blvd. and Vine Streets.
 Six-story Class A reinforced concrete department store.
 Owner—Dr. E. O. Palmer.
 Lessee—Broadway Bros., Pasadena.
 Architect—Chas. F. Plummer, 1103 Story Bldg., Los Angeles.

Low Bidder on Store Building.
STORE BLDG. Cost, \$19,000
 SAN FRANCISCO. NE. Mission and Engenia St.
 One-story R. C. store bldg., 100 x 58.
 Owner—E. A. Cohn.
 Architect—August G. Headman, Call Bldg., San Francisco.
 Low Bidder—Fred Hansen, 251 Kearny St., San Francisco.

Plans Being Prepared.
STORE BLDG. Cost, \$20,000
 BERKELEY, Alameda Co., Cal. Durant and Shattuck Ave.
 One-story reinforced concrete store building.
 Owner—F. C. Turner.
 Architect—Miss Julia Morgan, Merchants' Ex. Bldg., San Francisco.
 Plans will be ready for figures in two weeks.

Plans Being Figured.
STORES, ETC. Cost, \$25,000
 GARDEN GROVE, Orange Co., Cal.
 Two-story store, office and lodge building.
 Owner—F. N. Reelsnyder.
 Architect—Arthur G. Lindley, 601 Wright & Callender Bldg., L. A.

Sub-figures to Be Taken Shortly.
OFFICE BLDG. Cost, \$—
 LOS ANGELES. Spring St.
 Twelve-story steel frame, concrete office bldg., 60 x 180.
 Owner—S. F. Syndicate.
 Lessee—Security Trust & Savings Bank, Spring St., Los Angeles.
 Architect—Alex E. Curlett and Claud Beelman, Union Bank Bldg., Los Angeles.
 Contractor—MacDonald & Kahn, Loew State Theatre Bldg., Los Angeles.

Plans Being Figured.
STORE BLDG. Cost, \$3500
 SAN FRANCISCO. Ad. Castro Theatre.
 Castro St. near 17th St.
 One-story concrete store bldg. (two stores).
 Owner—Withheld.
 Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Plans Being Prepared.
OFFICE & STORE BLDG. \$150,000
 BERKELEY, Alameda Co., Cal. N. Shattuck St. and Center St. 74 by 103, two to six-story office and store bldg.
 Owner—W. J. Mortimer Co. and Chas. R. McFarland, 2200 Broadway.
 Architect—W. H. Ratcliff, Jr., 1st Natl. Bank Bldg., Berkeley.

Contract Awarded.
STORES Cost, \$—
 SAN FRANCISCO. W. Mason 137-6 N. Ellis.
 Two-story and basement reinforced concrete store building.
 Owner—Wm. H. Woodfield, Jr.
 Architect—Wm. F. Gunnison, 1666 Golden Gate Ave.
 Contractor—Fred L. Hansen, 251 Kearny St., San Francisco.

Plans to be Prepared.
AUTO SALES BLDG. Cost, \$40,000
 LONG BEACH, Los Angeles Co., Cal.
 American Ave.
 Brick auto sales and service bldg.
 Owner—Glen Thomas, 225 Locust Ave., Long Beach.
 Architect—None.

BIDS OPENED FOR ELECTRICAL WORK ON MATSON BUILDING
 SAN FRANCISCO — Bids were received as follows on Aug. 16 by A. A. Brown, 120 Market St., in connection with the construction of the Matson Navigation Office Bldg., now being erected on the southeast corner of Main and Market Sts., from plans prepared by Architects Bliss & Fayille, Balboa Bldg., Contract awarded to low bidder.
 Title Co., 766 Folsom St., S. F., \$36,800
 Standard Elec. Co., \$9,217
 Globe Elec. Co., \$9,700

Contract Awarded.
ALTERATIONS Cost, \$—
 SAN FRANCISCO. Battery and Hallack Streets.
 Alter interior of two-story office building, change partitions, etc.
 Owner—Crovne Williamette Paper Co.
 Architect—E. G. McDougall, 31 Bush St., San Francisco.
 Contractor—E. T. Leiter & Son, Cal Bldg., San Francisco.

Sub-figures Being Taken.
COMPLETION OF BLDG. Cost, \$5000
 SAN FRANCISCO. 55 Sutter St.
 Completion of building.
 Owner—Louis R. Lurie.
 Architect—O'Brien Bros., 240 Montgomery St., San Francisco.

Contract Awarded.
ALTERATIONS. Cost, \$105,000
 STOCKTON, San Joaquin Co., Cal. W. Sutter bet. Main and Weber Ave.
 General alterations and changes to Hippodrome Theatre for offices and store building.
 Owner—Mrs. John Raggio, 228 E. Flora St., Stockton, Cal.
 Architect—A. S. Heinemann, Los Angeles, Cal.

Contractor—Daniels & Green, 705 N. Yosemite St., Stockton, Cal.
 Lower floor will be leased to Ernest Wilson Co. as restaurant and ice cream parlor. Upper portion of structure will be remodeled for twenty or more offices. Wilson Co. will install a ventilating system and considerable kitchen equipment. Provision will also be made for the installation of a steam heating plant.

Official Proposals

NOTICE TO BIDDERS

LODI UNION HIGH SCHOOL BUILDING, LODI, CALIFORNIA

Bids Wanted For Grand Stand, Fence and Gates

Notice is hereby given by the Board of Trustees of the Lodi Union High School District that sealed bids will be received at the office of the Clerk of the Board of the said Lodi Union High School District at the High School Building in said city of Lodi, up to the hour of four o'clock P. M. on the 24th day of August, 1922, at which time all bids will be publicly opened. Said bids to be for the furnishing of labor and materials and erecting a Grand Stand and for fencing Athletic Grounds, all of which is to be on the present High School Site, in the City of Lodi, County of San Joaquin, State of California.

Bids will be for:
Construction of Grand Stand.
Construction of Fence and Gates, and shall be for all work according to plans and specifications which may be obtained at the office of Wright & Satterlee and S. Stone, Architects for the Board, Bank of Italy Building, Stockton, California, during business hours.

All bids must be accompanied by a certified check or certificate of deposit of 5 per cent of the amount of bid tendered, made payable to Perry O. Clark, Clerk of the Board of Trustees, and conditioned that the successful bidder shall enter into a contract in accordance with such bid, and file with said Board of Trustees an approved bond within six days after acceptance of his bid, which bonds shall be conditioned for the faithful fulfillment of the contract entered into, and for the protection of all persons performing labor or furnishing materials for the construction of said Grand Stand and Fence.

In case the said contractor shall fail to execute a bond acceptable to the Board within the said six days due notice having been given him, then shall the contractor forfeit all claim to the said amount, said certified check of 5% of his bid, and it shall become the property of the Lodi Union High School District.

All bids must be submitted upon forms obtained from the Architect.

Contractors must make a deposit of \$10 (ten) dollars with the Architect when taking plans and specifications from the office.

The Board reserves the right to reject any or all bids.

By order of the Board of Trustees,
W. S. NELSON, COMEYRY,
J. E. NELSON
FRED FERROTT,
THEO. BECKMAN,
PERRY O. CLARK, Clerk.

NOTE:—Date of Opening Bids Extended to August 26, 1922, at 2 P. M.

NOTICE TO CONTRACTORS

Kerman High School)

The Board of Trustees of the Kerman Union High School District, Kerman, California, will receive sealed bids up until 2 o'clock p. m. August the 19th, 1922, at the High School Building, Kerman, California, at which time and place said bids will be opened and read in public, for furnishing the required labor and materials for, and erecting and completing the proposed new High School Building in accordance with plans and specifications prepared therefore by Anton Johnson, Architect, of Kingsburg, California. Bids will be received separately for the different segregated contracts, as follows:

CONTRACT No. 1: For the Excavating, Concrete, Carpenter Work,

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

Milwork, Masonry Work, Terra Cotta and Cast Cement.

CONTRACT No. II: Sheet Metal.

CONTRACT No. —: Lathing and Plastering.

CONTRACT No. V: Blackboards.

CONTRACT No. VI: Painting.

CONTRACT No. VII: Plumbing.

CONTRACT No. VIII: Electrical Wiring.

CONTRACT No. IX: Program Clock.

CONTRACT No. X: Heating.

CONTRACT No. XI: Hardware.

CONTRACT No. XII: Metal Lockers.

CONTRACT No. XIII: Acoustical Felt.

CONTRACT No. XIV: Lighting Fixtures.

CONTRACT No. XV: Venetian Blinds.

NOTE: Contractors may bid on any contract or any combination of contracts and the board reserves the right to avoid contracts accordingly. Certified check or bidder's bond for an amount not less than ten per cent (10 per cent) of amount of bid should accompany each proposal, made payable to the order of Mr. M. S. Meeker, Clerk, of the Kerman Union High School District, as a guarantee that the bidder will, within ten (10) days after being notified of the acceptance of his bid, enter into a contract with said High School Board in accordance therewith, and shall furnish bonds as required by the specifications. Said checks to be forfeited to the said High School District should the bidder refuse to execute contract and furnish bonds as above mentioned.

Plans and Specifications for all the above work may be seen in the office of Anton Johnson, Architect, Kingsburg, California.

A deposit of Twenty-five Dollars (\$25.00) will be required for the plans and specifications. This deposit to be refunded on the return of the plans and specifications accompanied with a bona-fide bid.

The Board of Trustees of the Kerman Union High School District reserves the right to reject any or all bids submitted.

By order of the Board of Trustees, Kerman Union High School District, by Mr. M. S. Meeker, Clerk.

NOTICE TO CONTRACTORS

(Palo Alto High School District Gymnasium, Etc.)

The High School Board of the Palo Alto Union High School District, Santa Clara County, California, will receive sealed proposals up until 7:30 o'clock P. M. August 30, 1922, at the present Union High School Building, Embarcadero Road and State Highway, Palo Alto, California, at which time and place said bids will be opened and read in public for furnishing the required

labor and materials for and erecting and completing the proposed new High School gymnasium, locker rooms, showers, etc., in accordance with plans and specifications thereto by Allison & Allison, 1165 Hilberian Bldg., Los Angeles, and Birge M. Clark, 600 Embarcadero Road, Palo Alto, California, associate architects.

Bids will be received separately for the different parts of the work as follows:

For general, contract No. 1, with alternate bid (see specifications).

For plumbing, contract No. 2, with alternate bid (see specifications).

For heating, contract No. 3, with alternate bid (see specifications).

Cashier's or certified check for bidder's bid for amount not less than five per cent of amount of bid shall accompany each proposal, drawn payable to the order of Walter H. Nichols, Clerk of the High School Board of the Palo Alto Union High School District, as a guarantee that the bidder will, if requested within five days after receiving notice of the acceptance of bid enter into a contract with said High School Board in accordance therewith and furnish the required bonds.

Said check or bond to be forfeited to the High School Board should the bidder fail to execute contract and bonds as above mentioned.

All bids to be made out on forms furnished by the architects.

Plans and specifications for all of the above work may be seen at the office of Birge M. Clark, Architect, 600 Embarcadero Road, Palo Alto, or at the office of Allison & Allison, Architects, 1465 Hilberian Bldg., Los Angeles.

Plans may be obtained from the office of Birge M. Clark, Architect, 600 Embarcadero Road, upon the deposit of \$15.00, which deposit will be refunded to the bidder when plans and specifications are returned in good condition.

The said High School Board reserves the right to reject any and all bids and waive any informality in any bid received.

By order of the High School Board of the Palo Alto Union High School District.

By WALTER H. NICHOLS, Clerk.

Dated August 11, 1922.

NOTICE INVITING SEALED BIDS

(Water Works Equipment)

Sealed bids will be received by the Board of Trustees of the City of Dinuba until 8 o'clock p. m., August 30th, 1922, and then publicly opened, for the following Water works equipment:

All prices to be for articles specified on bond cards at Dinuba, Tulare county, California.

All bids must be accompanied by a certified check, payable to the City of Dinuba, for not less than five per cent (5%) of the amount of the bid.

Plans and specifications may be had from the office of Charles E. Sloan, Santa Fe Bldg., San Francisco.

The Board of Trustees reserves the rights to reject any or all bids, to waive defects or to accept any bid.

Bids may be addressed to the City Clerk, Dinuba, Cal.

1—Automatic pressure regulator, enclosed in a steel cabinet, graduated from 100 ft. to 150 ft.; low limit to be set at 140 ft.; high limit to be set at 145 ft. Regulator to be Electric Controller & Manufacturing Co.'s or 1033-A or equal.

1—500 amp. 3 pole, single throw, non-use, enclose, safety switch, externally operate.

1—30 h. p. 220-volt, 3-phase, 60 cycle, No. 1 Electric Controller & Manufacturing Co.'s or equal, oil immersed automatic compensator, arrangement for no voltage release, one master switch, Type K, Form E, to be furnished with compensator.

1—Overland protective panel, from H. T. Electric Controller & Manufacturing Co.'s or equal, giving protection to compensator on starting or running.
Compensator and panel to be furnished with conduit connections.
1—Centrifugal pump, bronze fitted, double suction, 500 g. p. m. against a total head of 150 ft., inlet 5 inches, outlet 4 inches. Cameron make No. 4, type D, V. or equal.
1—30 h. p. 220-volt, 3-phase, 60-cycle, 40 degree motor, speed 1750 r. p. m. Robbins & Meyers make, Type K or equal.
Pump to be direct connected to motor and both mounted on cast iron base.
C. T. REAGAN,
City Clerk of Dinuba.

BUY IT FROM THE NAVY

On September 7, 1922.

6,917,410 Board Feet of Unused Lumber
Consisting of approximately:
36,200 ft. Ash, white
1,984 ft. Bass

545,500 ft. Beech, Birch and Maple

76,700 ft. Butternut

1,740,000 ft. Cedar

129,000 ft. Cypress

1,419,300 ft. Douglas Fir

23,000 ft. Hickory

2,816 ft. Mahogany

1,253,800 ft. Oak

1,181,700 ft. Pine

6,000 ft. Poplar

62,000 ft. Redwood

427,100 ft. Spruce

3,000 ft. Walnut

NOTE: The above dimensions are given in board measure. The lumber runs in various thickness, widths and lengths.

40,000 lbs. Guyanese, 12-in. diam. and up.

75,543 lbs. Lignum Vitae, in logs and shapes.

8,500 Spruce Laths, Size $\frac{1}{2}$ x $1\frac{1}{2}$ x 4-in.

2,850 Juniper Poles, 5-12-in. butts, 25-50 ft. long.

75 Hickory Butts, 6-8-in. diam. 6-10 ft. long.

1,286 Hackmatack Knees, various sizes and degrees.

Full descriptions and locations of this lumber, also the terms of sale, are given in Cat. 124-B, which may be obtained on request, and inspection arranged for, by communicating with any of the following:

Supply Officers at Navy Yards or Naval Stations indicated by (*).

(1) Portsmouth, N. H.

(2) Philadelphia, Pa.

(3) Charleston, S. C.

(4) Boston, Mass.

(5) Norfolk, Va.

(6) Key West, Fla.

(7) Mare Island, California.

(8) Puget Sound, Wash.

(9) Newport, R. I.

(10) Naval Air Station, Pensacola, Fla.*

(11) Naval Training Station, Great Lakes, Ill.*

(12) Submarine Base, New London, Conn.*

(13) Board of Survey, Appraisal and Sale, Navy Supply Depot, So. Brooklyn, N. Y.*

U. S. Navy Sales Representatives—

(14) 215 Westminster Bldg., Chicago, Ill.

(15) 822 Shipping Board Bldg., New York, N. Y.

Bids must be in the form given in the above Cat. 124-B, and should be plainly marked and addressed to the office designated below, where they will be publicly opened.

11 A. M. (Standard Time), 7 Sept., 1922.
U. S. NAVY CENTRAL SALES OFFICE,
NAVY YARD, WASHINGTON, D. C.

NOTICE TO BUILDING CONTRACTORS

(Del Monte School)

The Trustees of the Del Monte School District will receive sealed proposals up until 7:30 P. M. on the 28th day of August, 1922, at the Del Monte School District, Seaside, Calif., at which time and place said bids will be opened and read in public, for furnishing the required labor and material for erecting and completing a proposed one-room concrete school building, in accordance with plans and specifications prepared therefor by

Tuttle & Angel, Architect, 565 Lighthouse Ave., Pacific Grove, Calif.

A cashier's or certified check for an amount not less than 5 per cent of the amount of the bid shall accompany each proposal, drawn payable to the order of J. L. D. Roberts, clerk of the said Board of Trustees as a guarantee that the bidder will, after being notified of the acceptance of his bid, enter into a contract with said Board of Trustees, and furnish bonds as required by the specifications. Said check to be forfeited to the said School District, should the bidder fail to execute the contract and furnish bonds as above mentioned.

Plans and specifications for the above work may be seen and secured at the architect's office.

The said Board of Trustees reserves the right to reject any or all bids and to waive any informality in any bid received.

By order of the Board of Trustees of the Del Monte School District, Seaside, California.

MARY F. CLIMSTED President.

J. L. D. ROBERTS, Clerk.

J. E. BENTLEY, Member.

Dated August 10th 1922.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock, on September 19, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Lassen County, across Susan River, near Fredonia (H-Las-29-B), a reinforced concrete bridge having a main arch span of 100 feet, and four foot girder spans with the necessary abutments, piers and retaining walls; also the construction of a railroad abutment.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office, and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission.

AUSTIN B. FLETCHER,
State Highway Engineer.

R. A. MURRAY, Secretary.

Dated August 14, 1922.

NOTICE TO BUILDING CONTRACTORS

(Pacific Grove High School Gymnasium)

The Trustees of the Pacific Grove High School District will receive sealed proposals up until 8 P. M. on the 24th day of August, 1922, at the office of the Board, at the Pacific Grove High School Building, Pacific Grove, California, at which time and place said bids will be opened and read in public, for furnishing the required labor and material for erecting and completing a proposed new gymnasium building, in accordance with plans and specifications prepared therefor by Tuttle & Angel, Architects, 565

Lighthouse Ave., Pacific Grove, Calif.

Bids will be separately for the different contracts as follows:
First: The General Contract Work.
Second: The Hot Water and Heating contract.

A cashier's or certified check for an amount not less than 5% of the amount of bid shall accompany each proposal, drawn payable to the order of J. J. Williams, Clerk of said Board of Trustees, as a guarantee that the bidder will, after being notified of the acceptance of his bid, enter into a contract with said Board of Trustees, in accordance therewith and shall furnish bonds as required by the specifications. Said check to be forfeited to the said School District should the bidder fail to execute contract and furnish bonds as above mentioned.

Plans and specifications for the above work may be seen and secured at the architect's office.

The said Board of Trustees reserves the right to reject any or all bids and to waive any informality in any bid received.

By order of the Board of Trustees of the Pacific Grove High School District, Pacific Grove, California.

Dated August 19th 1922.

H. G. JORGENSEN, President.

J. J. WILLIAMS, Clerk.

O. E. CHASE, Trustee.

NOTICE TO BIDDERS

The Turlock Irrigation District in Stanislaus and Merced Counties, Transformers and Switches

Sealed proposals will be received at the office of the Turlock Irrigation District at Turlock, California, until September 3, 1922, at 2 P. M. o'clock, for furnishing

4—1000 K. V. A.—66 KV and 4—2000 K. V. A. 66 KV insulated water cooled transformers.

2 outdoor oil switches.

3 outdoor air break line switches.

Complete specifications and forms of contract and bond for the proposed work will be furnished upon application. The contract will be let to the lowest responsible bidder, but the Board reserves the right to reject any and all bids.

Each proposal must be accompanied by a certified check for five (5) per cent of the amount of the bid, payable to the order of the Treasurer of the Turlock District for the benefit of said District, as an earnest money. The bidder will, if successful, execute a satisfactory contract and furnish a bond in the sum of twenty-five (25) per cent of the amount of his bid for the faithful performance of the work in accordance with the specifications, said bond to be subject to the approval of said Board.

The proposal must be marked "Proposals for Transformers and— or Switches" and addressed "Anna Sorenson, Secretary, Turlock Irrigation District, Turlock, California."

Done in pursuance of orders of the Board of Directors of the Turlock Irrigation District, this 17th day of August, 1922.

ANNA SORENSON,

Secretary Turlock Irrigation District.

NOTICE TO BIDDERS

Notice is hereby given to bidders that bids for the finishing of certain portions of the Sonora Union High School Gymnasium building as per plans on file in the office of Chas. H. Segerstrom, Sonora, Cal., also at the office of Davis-Heller-Pearce Co., Architects, Delta Bldg., Stockton, Calif., will be opened on Saturday, August 19, 1922, at 2 o'clock P. M. at the office of Chas. H. Segerstrom, Sonora, Calif.

The Board reserves the right to reject any and all proposals or proposals received.

A check for 10% of the amount of the bid must accompany each bid.

Dated at Sonora, Calif., August 4th, 1922.

By order of the Board of Trustees of the Sonora Union High School District, Tuolumne County, Calif.
CHAS. H. SEGERSTROM,
Clerk Board of Trustees of the Sonora Union High School District, Tuolumne County, Calif.

Saturday, August 19, 1922

BIDS WANTED FOR GENERAL WORK FOR STATE PRINTERY**NOTICE TO CONTRACTORS**

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief Division of Architecture, Forum Bldg., Sacramento, California, up to and including 10 o'clock A. M., Monday, September 11, 1922, said bids then and there to be publicly opened and read for furnishing all plant, materials and doing the work required for the complete GENERAL WORK for the STATE PRINTERY, SACRAMENTO, CALIFORNIA, in accordance with plans and specifications, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for the General Work and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond made payable to the "State of California," or a certified check made payable to the State Engineer, Department of Public Works, in the sum of at least ten per centum (10%) of the amount of the bid must be enclosed with each bid.

A deposit of Twenty-five (\$25.00) Dollars will be required of plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

The construction work of said State Printery has been placed on a days' labor basis and on said basis the said General Work, as a sub-division of said construction, is to be let by contract.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for General Work, State Printery, Sacramento, California, STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE."

Geo. E. McDougall,

A. E. FLETCHER,
Director of Public Works

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received by the Board of School Trustees of the Buttonwillow School District, of the County of Kern, State of California, up until two o'clock on the 29th day of August, 1922, at the office of the Architect, said office located in the Brower Building, Bakersfield, California, for the furnishing of all materials and labor necessary to build and complete a one-story

Masonry and Frame School Building for the Board of School Trustees of the Buttonwillow School District, County of Kern, California, as per plans and specifications prepared by Orville L. Clark, Architect, offices 101 Brower Building, Bakersfield, California, which plans and specifications may be obtained at said Architect's office.

Each bid shall be made out on a form to be obtained at the Architect's office and must be accompanied by a certified or cashier's check in the amount of ten per cent (10%) of bid made payable to the order of Clerk of Board of School Trustees of the Buttonwillow School District. Bids shall be sealed and filed with the Architect for said Board of School Trustees of the Buttonwillow School District, at the above-mentioned specified time.

The above mentioned check shall be given as evidence that the bidder will enter into contract, if awarded the work, and will be declared forfeited if the successful bidder refuses to enter into said contract after being requested to do so by the Board of School Trustees.

The successful bidder will be required to furnish two bonds of a surety company satisfactory to the Board of School Trustees of the Buttonwillow School District, one covering an amount equal to fifty per cent (50%) of the contract price, and one equal to twenty-five per cent (25%) of the contract price.

The Board of School Trustees reserves the right to reject any or all bids.

Dated this 11th day of August, 1922.

W. F. SMITH,

J. H. JONES,

Trustees of the Buttonwillow School District.

NOTICE TO CONTRACTORS

(Kern County Union High School Class Room Building)

Sealed Bids will be received until 8 P. M., August 24, 1922, by the Board of Trustees of the Kern County Union High School, Kern County, California, for furnishing all materials and labor for the erection and completion of a Frame Class Room Building, Kern County Union High School, Bakersfield, California.

Plans for said building may be had at the office of Charles H. Biggar, Architect, 405-6 Bank of Italy Building, Bakersfield, California, and the work will be erected under his supervision.

All bids must be accompanied by a certified check in the amount of at least ten per cent (10%) of the amount bid, such check to be made payable to the Kern County Union High School District, and said check will be held as evidence of good faith that the successful bidder will enter into a contract for the work proposed that will be satisfactory to the Board of Trustees, and in addition thereto furnish good and sufficient bonds therefor.

Time will be the essence of this contract, and consideration of time required in the contractor's proposal will be the chief element in awarding the above work. Forfeiture and bonus clause of \$50.00 per day will be included.

The Board reserves the right to reject any or all bids and to waive any informality in any bid received.

By order of the Board of Trustees, Kern County Union High School, Kern County, California.

ERWIN W. OWEN, President.

BOYCE R. FITZGERALD, Clerk.

TREASURY DEPARTMENT, SUPERVISOR, Architect's Office, Washington, D. C. August 10, 1922.—SEALED PROPOSALS will be opened in this office at 3 p. m., Oct. 2, 1922, for the construction of the United States Postoffice and Courthouse at Cordova, Alaska. Drawings and specifications may be obtained after August 21, 1922, from J. W. Roberts, Supervising Superintendent, 403 F. O. Bldg., San Francisco, Calif.; from the Custodian of the site at Cordova, Alaska, or at this office, in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

NOTICE TO BIDDERS (School Furniture)

Notice is hereby given that the Board of Trustees of the Modesto High School, District, of Stanislaus County, California, will, at the offices of said board at the High School building on "H" Street, Modesto, California on the 29th day of August, 1922, at 8:00 p. m. of that day, receive and consider sealed bids for supplying the following:

180 Tablet Arm Chairs.

100 Vienna Chairs.

12 Teachers' Chairs.

Bids will not be considered unless guaranteeing delivery by September 6, 1922.

Bidders are asked to submit samples. All bids must be sealed and filed with the Clerk of the Board of Trustees prior to 8 p. m. on the 29th day of August, 1922, and be accompanied by a certified check on some solvent bank of the State of California for ten per cent of the amount of the bid submitted, which check is required as guarantee that the successful bidder will, within two days after the notice of the award of the contract to him, enter into a satisfactory contract with the Board of Trustees, the amount thereof to be retained as liquidated damages in event said contract is not entered into by such contractor.

The Board of Education reserves the right to accept and reject any and all bids.

Dated this 15th day of August, 1922.

KATHLEEN G. PIEWETT,
Clerk of the Board of Trustees of the Modesto High School District.

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BRIDGES, DAMS & HARBOR WORK

OROVILLE, Butte Co., Cal.—Until Aug. 31 bids will be received by C. F. Belding, county clerk, to construct bridges as follows:

Over east channel, Butte creek, on Goodspeed Road, involving 84.8 cu. yds. A rein. conc.; 69 cu. yds. excavation; 46 cu. yds. backfill.

Over Mud creek on Hicks Lane, involving 152 cu. yds. A rein. conc.; 91 cu. yds. excavation; 65 cu. yds. backfill.

Over west channel, Butte creek, involving 245.4 cu. yds. A rein. conc.; 130 cu. yds. excavation; 100 cu. yds. backfill.

Over Wyman ravine on Watt Colony Road, involving 84.8 cu. yds. A rein. conc.; 62 cu. yds. excavation; 40 cu. yds. backfill.

Over overflow channel on Rock creek, on Keffer Road, involving 58.9 cu. yds. A rein. conc.; 30 cu. yds. excavation; 21 cu. yds. backfill. Harry H. Hume, county surveyor.

CALIFORNIA—Until Sept. 11, 2 p. m., bids will be received by state highway commission to construct reinforced concrete bridge having a main span of 100 ft. and four 15-ft. girder spans with necessary abutments, piers and retaining walls; also the construction of a railroad abutment, in Lassen county, across Susan river, near Fredonia. Austin B. Fletcher, state highway engineer. See call for bids under official proposal section in this issue.

VALLEJO, Solano Co., Cal.—Assemblyman Robt. B. McPherson announces that Marin county farmers are backing a movement to erect a dam across Soнома creek, just above the point where it would be necessary to build a bridge as a connecting link in the Vallejo-Marin county highway. Surveys have been completed. Plans include construction of dam to water 30,000 acres now being watered by private enterprise.

WILLOWS, Glenn Co., Cal.—Until Sept. 12, 10 a. m., bids will be received by W. H. Sale, county clerk, to construct rein. conc. "Murdock" bridge over Hamblin creek, 4 miles north-west of Orland in Road District 2. Bayard Knock, county surveyor.

SAN FRANCISCO—Board of Public Works requests supervisors to authorize preparation of plans to construct rock fill or bulkhead along the boulevard to complete that part of the Marina Blvd., extending from Steiner St. to the Presidio. Estimated cost, \$45,000, to be paid from county road funds.

YUBA CITY, Sutter Co., Cal.—Until Sept. 5, 2 p. m., bids will be received by supervisors to construct six reinforced concrete bridges, each about 40 ft. long, over main canal in District 700, on Long Bridge-Tarke road. E. von Geldren, county surveyor.

RIVERSIDE, Cal.—City Engineer Lee Nofzger and J. P. Kemmerer, deputy county surveyor of San Bernardino county, have recommended to city council repairs to Victoria Ave. bridge. Strengthening of the deck and reinforcing throughout will be included in the work.

AUBURN, Placer Co., Cal.—Until Aug. 31, bids will be received by A. S. Fleming, county clerk to construct bridge over Con Creek at Tucker bridge site.

SANTA BARBARA, Santa Barbara Co., Cal.—E. H. Hunt awarded contract by supervisors at \$2470.50 to construct rein. conc. bridge with stone railing and two abutments across Santa Monica Creek on the Foothill Road. Other bids were: A. A. Lemmon, \$3571; J. P. Arredui, \$3482.40; P. J. Cooney, \$3729; Fred Moore, \$4145.55.

MARIPOSA, Cal.—Until Sept. 6, bids will be received by Mariposa county supervisors for bridge at Bagley to replace structure destroyed by fire. Steel span 130 ft., with concrete floor, with 100 ft. approaches on which alternate bids will be asked for timber and concrete construction. Estimated cost, \$20,000. A. B. Cowell, Merced, engineer.

OAKDALE, Stanislaus Co., Cal.—Plans for Melones reservoir, proposed to be built by the Oakdale and South Joaquin Irrigation districts, are ready for consideration. A special meeting will be called to consider the plans when A. J. Wiley, consulting engineer for both districts, will be present.

STOCKTON, San Joaquin Co., Cal.—Until Sept. 6, 10 a. m., bids will be received by Eugene D. Graham, county clerk, to construct 640-ft. conc. steel and wood trestle bridge over Dry creek to be financed by San Joaquin and Sacramento counties, involving 239 cu. yds. conc.; 22½ tons rein. steel; \$6,000 ft. timber; 2200 lin. ft. conc. piling.

Separate bids, same date, to const. 2 rein. conc. bridges on Lone Tree road, involving 226.41 cu. yds. conc.; 16,330 lbs. steel.

Separate bids, same date, 2 bridges and culverts on Norton Lane road, involving 230.70 cu. yds. conc.; 1700 lbs. rein. steel. F. E. Quail, county surveyor.

VISALIA, Tulare Co., Cal.—Until Sept. 5, 2 p. m., bids will be received by G. R. Prestidge, county clerk, to construct reinforced concrete bridge over Sand Creek canal, involving 48.95 yds. Class A and 42.46 yds. Class B concrete. Laurence Moye, county surveyor.

PORTLAND, Ore.—Grant-Smith Co., Railway Exchange Bldg., Portland, at \$26,787, submits low bid to Dist. Eng. U. S. Bureau of Public Works, Department of Agriculture, to construct two bridges on Alsea river road in Siuslaw National Forest.

PORTLAND, Ore.—Until Aug. 24 bids will be received by public dock commission, foot of Stark St., to construct 330x178 ft. extension to Pier No. 1 at Municipal Terminal No. 4. Bids for superstructure will be asked at a later date.

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OAKLAND, Cal.—Alameda county supervisors appropriate \$2000 to cover cost of preparing plans for proposed tide across Oakland estuary. Plans will be prepared by George A. Posey, county surveyor.

PHOENIX, Ariz.—Until 2:30 p. m., Aug. 30, bids will be received by Thos. Maddock, state engineer, for 130 ft. steel span bridge at Rio Puerco, near Allantown, Apache county. Work will involve approximately 300 cu. yds. excavation, 115 cu. yds. concrete, 55,000 lbs. structural steel, and 18,000 ft. E. M. Plans and specifications may be obtained upon payment of \$5. Certified check, 5%.

LOS ANGELES, Cal.—City council authorizes City Engineer John A. Griffin to proceed with construction of wooden bridge, 175 ft. long with 24-ft. roadway, across the Arroyo Seco, at San Pasqual Ave.

SALEM, Ore.—Until Aug. 29 bids will be received by State highway commission, Multnomah County Courthouse, Portland, for bridge construction as follows:

Baker County: Old Oregon Trail, one 45 ft. reinforced concrete span over Powder river near Baker creek, approx. 205 cu. yds. conc.; 23,000 lbs. metal reinforcement, 195 lin. ft. conc. hand rail. Gilliam County: Oregon - Washington Highway. Two rein. conc. bridges over Willow creek near Heppner Junction, approx. 155 yds. conc.; 19,000 lbs. metal reinforcement, 38,000 lbs. structural steel, 1300 lin. ft. piling, one 40-ft. "A" frame span.

Lincoln County: Newport - Corvallis Highway. One 80-ft. steel span with timber approach over the Yaquina river at Eddyville creek, approx. 135 cu. yds. conc.; 16,000 lbs. metal reinforcement, 55,000 lbs. structural steel, 450 lin. ft. piling.

Linn County: Pacific Highway. One wooden truss span over Callopolia river, approx. 195 cu. yds. conc.; 2500 lbs. metal reinforcing and one 120-ft. covered floor wood truss span.

Yamhill County: McMinnville - Tillamook Highway. One 80-ft. steel span over Willamina river at Willamina, approx. 115 cu. yds. of conc.; 15,000 lbs. metal reinforcement, 55,000 lbs. structural steel, 135 lin. ft. standard wooden trestle.

REDDING, Shasta Co., Cal.—Bids will be asked shortly by county supervisors to construct following bridges: concrete girder bridge over Daley creek on Cottonwood-Gas Point road; concrete girder bridge over Fall river near Glenburn; combination wood and steel bridge over Cow creek at Bell school house; wooden bridge over Flat creek between Keswick and new town of Mathewson. C. R. Weigel, county surveyor.

SANTA CLARA, Sonoma Co., Cal.—D. E. Albers, 475 Ellis St., Santa Rosa, at \$1790, awarded contract to construct concrete bridge at Station 150+38 on Sebastopol-Freestone highway, involving 16 cu. yds. reinforced conc. W. L. Proctor bid \$1840.

SAN MATEO, San Mateo Co., Cal.—A. Mattson, San Bruno, at \$4510, awarded contract by city trustees to construct rein. conc. bridge in Chester way.

PUREKA, Humboldt Co., Cal.—Fred M. Kay, County Clerk, instructed to advertise for bids to construct concrete girder bridge over small creek at the foot of Hydiesville rd. on Bridgeville road; a concrete girder bridge over Robner creek, ½ mile outside of Portuna and a wooden truss bridge and road grading on Dverville-Matole road. A. J. Logan, County Surveyor.

MARTINEZ, Contra Costa Co., Cal.—Bent Bros., 1714 Eagle St., Los Angeles, have a contract to construct two circular reinf. concr. oil reservoirs for the Shell Oil Co. of California, with headquarters at San Francisco. They will have about 750,000 gals. capacity each and will be partly excavated and partly banked with concr. lining reinforced with steel mesh; wood roofs. Contract amounts to about \$75,000.

SAN LUIS OBISPO, Cal.—Malno & Lane, San Luis Obispo, at \$7507, awarded contract by council to construct concrete bridge over Stenner creek at Villa St.

CALIFORNIA—D. A. Foley, Altin, Minn., at \$124,088, awarded contract by State highway commission to construct reinforced concrete girder bridge over San Gabriel river near Azusa, Los Angeles county.

IRRIGATION PROJECTS

OROVILLE, Butte Co., Cal.—Butte county supervisors rescind former action refusing to approve second assessment of Reclamation District No. 833, to finance construction work in district, and have passed resolution ratifying the assessment. Approximately \$1,000,000 will be spent in improvements.

MANTECA, San Joaquin Co., Cal.—Due to error in advertising notices, directors of South San Joaquin Irrigation District postpone election to vote \$170,000 loan from Aug. 31 to Sept. 5. Funds will be used to finance construction in district.

OREGON—Utilization of the Deschutes River, Ore., and its tributaries for irrigation approximately 140,000 acres in the Deschutes Basin, with incidental power development, is recommended to the Federal power commission in a report made by a board of engineers composed of D. C. Henry, consulting engineer of the Reclamation Service; Col. J. B. Cavanaugh, Army Service Corps, and F. E. Henshaw, district engineer, U. S. Geological Survey, under the Deschutes project for irrigation an aggregate of 55,000 horsepower could be developed on the lower river, according to the engineers, and if the upper Deschutes storage be used for power the aggregate horsepower would be increased to 613,000.

LIGHTING SYSTEMS

SAN BERNARDINO, Cal.—City Engineer C. J. Johnson preparing plans and specifications for an ornamental lighting system on E St., between Mill and Third Sts. There will be 22 three-light posts in business section and 52 one-light posts in residential district. Estimated cost, \$20,000.

LOMPOC, Cal.—Plans and specifications have been adopted by city trustees for one-year post lighting system. Work involves 42 posts; complete. Bids will be called for soon.

AUBURN, Placer Co., Cal.—City trustees propose to purchase plant of Bell Electric Co. and operate lighting system.

BURLINGAME, San Mateo Co., Cal.—City trustees, Maud C. Kreeger, clerk, declares intention to construct 8-ft. concrete bridge on Highland Ave., San Mateo Drive, Middlefield road and West Lane. Act 1911. Protests Sept. 5. C. A. Torello, city engineer.

LOS ANGELES, Cal.—H. H. Walker, 1800 W. 12th St., awarded contract by board of public works at \$9415 for ornamental lighting system on Buckingham road, between 16th and Washington Sts.

LONG BEACH, Cal.—City council declares intention to construct lighting system complete in Anaheim St., between Temple and Loma Aves. 1911 Act. H. C. Waughop, clerk.

EAGLE ROCK, Cal.—City trustees declare intention to install lighting system, complete, in Royal Dr. between Hill Ave. and Florence Pl. and Sataluna Ave. between same streets. Benjamin Martosoff, city clerk.

MACHINERY

FRESNO, Fresno Co., Cal.—Until Aug. 28, 8 p. m., bids will be received by J. A. Porters, secretary, Washington Union High School District, for furnishing and delivering three fully-equipped second-hand Ford truck transportation busses in first-class condition ready for immediate delivery, and with a capacity of not less than 30 pupils to each truck.

YUBA CITY, Sutter Co., Cal.—O. W. Landendorf, County Engineer, is taking informal bids for furnishing and delivering one portable asphalt kettle, capacity, 67 gallons, equipped with oil burner for heating asphalt, 2 wheel type with tank bearings and rubber tires, asbestos wheel guards, and fenders and trailer attachment for automobile truck. Bidder to state time of delivery and price for 6 cars, Yuba City.

LOS ANGELES, Cal.—Bids received by public service comm. for pipe and fittings, f. o. b. cars, Los Angeles, were: N. O. Nelson Mfg. Co. (1) 3750 ft. 4-in. pipe, \$37 per 100 ft.; (2) 900 ft. 4-in. pipe, \$45 per 100 ft.; (3) 2 4-in. hot valves, \$2.71 each; (4) 2 4-in. gate valves, \$12.31 each; (5) 16 4-in. casing tees, \$2.19 each; (6) 3 4-in. casing elbows, \$1.56 each; (7) 2 4-in. unions, \$1.43 each; (8) 1 6-in. gate valve, \$13.67; (9) 2 6-in. casing elbows, \$4.28 each; (10) 2 6-in. casing tees, \$6.27 each; delivery 60 days; 2% discount 10th prox.

Crane Co. (1) \$39; (2) \$70; (3) \$25; (4) \$14.40; (5) \$16.63; (6) \$1.17; (7) \$2.05; (8) \$19.50; (9) \$2.60; (10) \$3.58. Delivery, immediate on casing. Balance 10 to 30 days; 2% discount 10th of month.

Pacific Pipe & Supply Co. (1) \$38.50; (2) \$65.75; (3) \$2.50; (4) \$9.50; (5) \$1.50; (6) \$1.30; (7) \$1.26; (8) —; (9) \$2.60; (10) \$3.51. Shipment immediate, 2% discount 10th of month.

LOS ANGELES, Cal.—Bids for furnishing public service commission with two trench excavating, gasoline motor driven machines were received from Austin Machinery Co., No. 28-6 Austin, free of delivery at Los Angeles, f. o. b. same point, lump sum \$12,760; immediate shipment from factory.

Fawcett & Harnischfeger, 122 P & H, free of delivery at Milwaukee, f. o. b. same point, lump sum, \$11,612; shipment one week from factory. Nos. 122 and 123, same terms, \$13,106; No. 122 only, same terms, \$5955; No. 123 only, same terms, \$7600.

Brown & Bevis Co., Inc., No. 4 Buckeye, free of delivery, Findlay, Ohio, f. o. b. same point, \$6000 each; complete shipment 2 weeks from date of receipt of order.

PORTLAND, Ore.—Port of Portland Commission will call bids shortly for furnishing 8,000 ft. 30-in. pipe line for 30-in. dredges and 2000 ft. 20-in. pipe for the dredge Portland.

LOS ANGELES, Cal.—Bids for furnishing public service commission one 75-ton traveling crane, received were: Cyclops Iron Works: (1) \$14,960; (alternate 1), \$13,430; bidder's alternate (2), \$11,600; (bidder's alternate 3), \$9750. Nichols & Smith Co. (1) \$14,850; (alt. 1) \$12,750. Niles - Belmont-Pond Co. (1) \$15,970; (alt. 1), \$13,890. Cleveland Crane & Eng'r. Co. (1) \$15,300; (alt. 1), \$13,400. Toledo Crane Co. (1) \$18,500; (alt. 1) —. Overcamp (1) \$15,313; (alt. 1), \$13,813. Northern Engineering Wks.: (1) \$17,495; (alt. 1) —. Pawling & Harnischfeger (1) \$15,350; (alt. 1) —. Llewellyn Iron Works. (1) \$18,400; (alt. 1), \$17,360. Bids were referred to the supply committee.

LOS ANGELES, Cal.—Pawling & Harnischfeger, 930 Central Bldg., was awarded contract by public service commission, at \$16,613, for two 12 P & H trench excavating machines.

MAYFIELD, Santa Clara Co., Cal.—Western Well Works, at \$1553.80, have been awarded contract by the Town Trustees to furnish and install pump and motor for water works.

RAILROADS

CALIFORNIA—Utah Construction Co., Mills Bldg., San Francisco, at approximately \$500,000, awarded contract by Western Pacific railway to construct 6½ miles of spur track around city of Stockton.

FIRE EQUIPMENT

PASADENA, Cal.—Until 11:45 A. M. September 5, bids will be received by City Clerk Bessie Chamberlain for construction of fire alarm system. Specifications on file with City Clerk. Certified check for 10%.

BERKELEY, Alameda Co., Cal.—Arrangements completed between city of Berkeley and University of California whereby university campus will be equipped with fire alarm system to be connected with city system.

PALO ALTO, Santa Clara Co., Cal.—City council appropriates \$11,750 to purchase fire engine, Frank Kasson, city clerk.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

CALIFORNIA—Following contracts awarded by State High Commission: Los Angeles county: 10.43 mi. bet. Quail Lake and North boundary, 3.37 mi. 15-ft. x 4-in. rein. conc., 2nd story 2½-ft. x 8-in. shoulders; 6.88 mi. 15-ft. x 1½-in. 3-in. asph. conc. surface, 2½-ft. x 5-in. shoulders; 20 mi. 2-ft. x 8-in. shoulders, awarded to Southwest Paving Co., Washington Bldg., Los Angeles, at \$172,947. Engineer's estimate, \$134,613. Materials furnished by state, \$75,395.

Alameda county: grading 9.89 mi. bet. Hopland and El Robles, awarded to Murdoch Bros., Oakland and Ukiah, at \$62,253. Engineer's estimate, \$65,325. Materials furnished by state, \$1,398.

Madera county: 4.83 mi. 15-ft. x 2½-ft. 3-in. asph. conc. surface, bet. Arcola school and Borden Station, awarded to Federal Const. Co., Call Bldg., San Francisco, \$13,860. Engineer's estimate, \$14,000.

Inyo county: grading 11.66 mi. bet. Fish Springs school and SE. cor. Sec. 33, T. 8 S., R. 32 W., M. D. B. and M., awarded to Redmond, Page & Pond, Alameda, \$30,323. Engineer's estimate, \$64,026. Materials furnished by state, \$1832.

Riverside county: 2.02 mi. through city of Banning, 16-ft. 5-in. rein. conc. base 7-in. Alt. edges, awarded to Fred W. Teschke, Los Angeles, \$25,052. Engineer's estimate, \$30,166. Materials furnished by state, \$15,042.

HEALDSBURG, Sonoma Co., Cal.—Until Aug. 21, 8 p. m., bids will be received by J. Hillhouse, city clerk, to improve streets, involving 18,000 cu. yds. excavation, 410,000 sq. ft. 4-in. conc. base with 1½-in. Warrenite-Bit surface pavement; 24,000 lin. ft. conc. curb; 480,000 sq. ft. conc. gutter; 230 lin. ft. 10-in. corr. culvert pipes 5 c. i. gratings; 570 lin. ft. circ. corr. metal arch culvert; 2 conc. culverts, the latter involving 45 cu. yds. conc.; 5400 lbs. steel 470 lb. sq. ft. sub-grade, C. P. Sloan, Santa Fe Bldg., San Francisco, engineer.

MERCED. Merced Co., Cal.—Engineer A. E. Cowell, Merced, has prepared plans to construct roads to Imp. Dist. No. 3, lying west of San Joaquin river, to complete gaps in county highway system to connect with Pacheco Pass, as follows: 13.4 mi. in two sections; Dos Palos section to be 4 mi. of 6-in. and section 2, Volta Section, to be asphalt conc. base, 3½-in., with 1½-in. Warrentite-bit surface, involving \$6,000 cu. yds. grading; 625 cu. yds. Class A concrete pavement; 797 sq. ft. asphalt conc. pavement with Warrentite-bit surface; 69,730 lin. ft. shaping roadbed; 268 lin. ft. 12-in. culvert; 18-in. and 22-in. culverts; 214 lin. ft. 20-in. and 132 lin. ft. 36-in. corr. iron culvert; 58 cu. yds. Class A, 27½ cu. yds. Class B and 97 cu. yds. Class C concrete; 11,175 lbs. steel in culverts.

SAN BERNARDINO. Cal.—County Engineer's plans for a domestic water system at the general hospital and detention home include a 10,000 gal. Imp. Dist. No. 3 reservoir and 10-in. pipe line, estimated to cost \$10,000. The reservoir will be built on Ferris hill and will be 50 feet in diameter, 10 ft. deep. The well will be called for within a few weeks.

LOS ANGELES. Cal.—L. A. Paving Co., 2900 Santa Fe Ave., submitted only bid to public service commission at 28c sq. ft. for 54,000 sq. ft. 6-in. Willtite paving, including grading and headers. They also entered a bid of 23c sq. ft. for same work, using Warrentite paving.

SAN BERNARDINO. Cal.—Until Sept. 5 bids will be received by city clerk for sewer construction in A. B. Sefton, Florence and Genevieve Sts. C. E. Johnson, city engineer.

STOCKTON. San Joaquin Co., Cal.—Clark & Henery Constr. Co., 38 S. Sutter St., Stockton, submits only bid to board of education to improve south half of North St., between Madison and Harrison, bidding 85c cu. yd. cut; 60c cu. yd. fill; conc. curb and gutter, \$1.10 lin. ft.; conc. walk, 21-in. wide, 2½-in. thick, cementing gray base with 3-in. asphalt conc. base, 1½-in. surface, 24c sq. ft. Taken under advisement. W. B. Hogan, city engineer.

GLENDALE. Cal.—Until 7:00 p. m., Aug. 24, bids will be received by City Clerk Van Wie, City Hall, 619 E. Broadway, for improving portion of Pacific Ave. and intersecting streets and alleys, involving approximately 3424 lin. ft. grading, 153,383 sq. ft. 5-in. macadam, 13,590 sq. ft. cement gutter.

MODESTO. Stanislaus Co., Cal.—Standard Paving Co., 1411 9th St., Modesto, awarded contract by council to improve portions of Morris, Auburn and Castle Sts., involving 163,200 sq. ft. grading; 154,809 sq. ft. 2½-in. asphalt conc. base with 1½-in. Warrentite-bit pavement; 13,390 sq. ft. conc. gutter; 8225 ft. conc. curb; 1253 lin. ft. headers; Maribel standards, etc. G. H. Freitas, city engineer.

TUCSON. Ariz.—Willite Paving Co. (Geo. E. Singleton, manager), submitted low bid to city council at \$51.4235 for paving on E. Third St., using 1½-in. surface on 2½-in. bitum. base. Borderland Constr. Co. bid \$53.34, for Warrentite pavement surface. For same work using 1½-in. asphalt conc. surface on same base, Borderland Constr. Co. bid \$46.353 (or \$148 per yd.) and Willite Paving Co., \$53.00710. Bids taken under advisement.

MODESTO. Stanislaus Co., Cal.—Until Aug. 23, 8 p. m., bids will be received by L. A. Love, city clerk, to improve Commercial Ave. bet. 10th and 16th and H and I Sts., involving 8240 sq. ft. grading; 8240 sq. ft. 2½-in. asphalt conc. base with 1½-in. Warrentite-bit surface pavement. G. H. Freitas, city engineer.

TUCSON. Ariz.—The sewer committee has recommended that 240 acres of adjoining present municipal farm be purchased for use in proposed sewage disposal system.

SANTA BARBARA. Cal.—Council declares intention to improve Annapam St., between Santa Barbara and Milpas Sts., by grading, paving with 5-in. conc. curb, and 1½-in. asphalt conc. curb, wearing surface; constructing concrete curbs, returns, 8-in. vit. pipe sanitary sewers; 4-in. house sewers; 1911 Act.

GLENDALE. Cal.—B. D. Zaich, 220 W. 56th St., Los Angeles, submitted low bid at about \$43,000 for Verdugo Canyon sewers.

DEVENTER. Solano Co., Cal.—State railroad commission authorizes State Department of Public Works to construct overhead crossing over tracks of San Francisco-Sacramento railroad, near Deventer, Solano county. Estimated cost, \$26,000; three-fourths of cost to be borne by state, one-quarter by railroad.

OAKLAND. Cal.—Until Aug. 24, 12 m., bids will be received by Eugene K. Sturges, city clerk, to improve Beacon St., from Lakeshore Ave., southeast, involving 570 cu. yds. excavation; 464 lin. ft. conc. curb; 929 sq. ft. conc. gutter; 7236 sq. ft. oil macadam pavement; 2323 sq. ft. conc. walks.

Separate bids to improve 36th Ave., between E. 14th St. and Foothill Blvd., involving 23,070 sq. ft. grading; 1707 lin. ft. conc. curb; 3726 sq. ft. conc. gutter; 24,198 sq. ft. oil macadam pavement. W. W. Harmon, city engineer.

ARCATA. Humboldt Co., Cal.—Until Aug. 24, 8 p. m., bids will be received by city trustees to construct two sewers, bids being desired for (1) furnishing pipe; (2) construction of sewers. The pipe to be furnished by city, and furnishing pipe and constructing sewers. First section involving 3225 lin. ft. 24-in. and 350 lin. ft. 18-in. vit. pipe; 6 manholes; 3 lampholes and 250 cu. yds. open ditch excavation. Second section: 3000 lin. ft. 6-in. vit. sewer with wyes; 5 manholes; 3 lampholes. W. S. Farley, Monadnock Bldg., San Francisco, engineer.

CASMA. Wash.—Stevens & Koon, consulting engineers, Spaulding Bldg., Portland, Ore., commissioned to make appraisal of existing water works system and to prepare specifications and construction contract for city available gravity supply from mountains by constructing pipe line 7 miles long.

FRESNO. Fresno Co., Cal.—Sorenson & Egan, Fresno, awarded contract by council to construct cement conc. walks in E. St., between Calaveras and San Joaquin Sts., at \$2,175 sq. ft.

STOCKTON. San Joaquin Co., Cal.—Supervisors, Eugene D. Graham, clerk, declares intention to improve Thomas Wail road, No. 243, by grading, paving 16 ft. wide, with base course of 5-in. gravel, roller compacting, and top course of 2-in. crushed rock, before rolling; top course to be oiled. To be known as Road Dist. Imp. T. Work under Road Dist. Imp. Act 1907. F. K. Quail, county surveyor.

LOS ANGELES. Cal.—Until 11 a. m., Sept. 5, bids will be received by supervisors to pave with asphalt concrete, Wilshire road, 1.4 miles, in road district No. 4, involving 2371 cu. yds. excavation; 6000 lin. ft. shaping roadbed; 12,000 lin. ft. shaping and rolling shoulders; 5000 ft. 4-in. drain tile; 13,685 sq. yds. 5-in. conc. pavement. County will furnish 3623 bbls. cement, 1622 tons sand and 2995 tons gravel. Average haul 2.6 miles from Weston St. on Pacific Elec. Ry.

FRESNO. Fresno Co., Cal.—To supplement the highway bond issue of 1919, insufficient to cover the high-ways system, the Fresno county supervisors have agreed upon a tax levy of approximately 40 cents to raise \$622.20 to construct six roads, these being: Various roads, \$104,000; Clovis road, north, \$75,000; Elm Ave. to Caruthers, \$42,000; Riverdale - Lanare road, \$125,000; Sanger road, south, \$88,000; Rose Ave. to Reddy, \$112,500; bridges for various roads, \$14,000; Jacoby cutoff road, \$18,000. Most of these will be paved with 5-in. asphalt conc. Chris Jensen, City Bldg., County Surveyor.

REDDING. Shasta Co., Cal.—State Department of Public Works applies to railroad commission for order authorizing the construction of state highway crossing beneath tracks of S. P. near Redding.

BAKERSFIELD. Kern Co., Cal.—Until Aug. 23, 5 p. m., bids will be received by Van Riper, city clerk, to improve Oak St., involving 172,800 sq. ft. grading and 129,600 sq. ft. 4-in. asphalt conc. base with 1½-in. Warrentite surface. W. D. Clark, city engineer.

PASADENA. Cal.—City directors declare intention to lay 6-in. class B, C. I. water main in Hammond St., between Glen and Mentone Ave.

MARYSVILLE. Yuba Co., Cal.—Until Aug. 31, 10 a. m., bids will be received by W. Strief, county clerk, to construct road from Dobbins to Cottage Mill Ravine, 2.84 miles, to be graded and covered with either gravel or crushed rock, 8-in. thick in center and 4-in. on sides. L. B. Crook, county surveyor.

MODESTO. Stanislaus Co., Cal.—Due to error in proceedings city council rejects bids to construct storm sewers in Sewer District No. 4 and new proceedings will be started. Estimated cost, \$60,000. George H. Freitas, city engineer.

STOCKTON. San Joaquin Co., Cal.—Until Sept. 6, 10 a. m., bids will be received by Eugene D. Graham, county clerk, to improve roads as follows:

Norton Lane road, grading and graveling. Estimated cost, \$17,000. G. W. Ashley road, grade and gravel, \$12,500.

Mt. Diablo road, grade, gravel and rock oil top, \$16,550.

Improve Central Ave., near Lodi, grade and oil macadam, \$2593.

Hoag road, east of Bellota, grade and construct culverts, \$6500.

F. E. Quail, county surveyor.

LOS ANGELES. Cal.—Until 10 a. m., Aug. 28, bids will be received by board of public works to improve Victoria St. between 10th and Country Club Dr., involving 71,289 sq. ft. asphalt paving, 163 sq. ft. grading, oiling; 98,811 cu. curb; 125,747 sq. ft. walk; 4793 sq. ft. conc. gutter; 1911 Act.

YUBA CITY. Sutter Co., Cal.—Galbraith & Sons, 1033 3d St., Yuba City, awarded contract by city council to grade, cement, concrete pave, const. gutters, etc., in portions of Bridge, Hawthorne, Linden, Orange Sts., and Federal Court, Cal. Bldg., San Francisco, only other bidder, at \$107,565. Edw. Von Geldern, city engineer.

SAN LEANDRO. Alameda Co., Cal.—J. Costello awarded contract by city trustees for furnishing city with rock and screenings for ensuing year at \$2.25 cu. yd.

DINUBA. Tulare Co., Cal.—Until Aug. 30, 8 p. m., bids will be received by C. T. Reagan, city clerk, for furnishing equipment for municipal water works. See also City Engineer, San Francisco Bldg., San Francisco. See call for bids under official proposal section in this issue.

FRESNO. Fresno Co., Cal.—Until Sept. 5, 2 p. m., bids will be received by county supervisors to pave with 5-in. asphalt conc. Rt. 20, Sec. A, county highway system, distant 4.37 mi. from city of Sanger to Adams Ave., Fresno. C. P. Jensen, City Bldg., county surveyor.

SAN FRANCISCO.—Until Aug. 30, 3 p. m., bids will be received by board of public works to improve 42nd Ave. between Balboa and Cabrillo, involving 1200 lin. ft. conc. curb and 24,000 sq. ft. asphalt conc. pavement. Separate bids to improve Vernon Ave. between Holloway and Garfield, involving 1330 lin. ft. conc. curb; 7500 sq. ft. conc. pavement and 12,450 sq. ft. asphalt conc. pavement. M. M. O'Shaughnessy, city engineer.

• GLENDALE, Cal.—Geo. R. Curtis, 2440 E. 26th St., Los Angeles, submitted low bid to City Council at \$24,065 to pave portions of Harvard, Hawthorne and Orange Sts., involving 2,289 sq. ft. grading at \$1 ft., 101,386 sq. ft. 6-in. asphalt concrete paving at 19.5c ft. yds. 6-in. cast iron water pipe and galvanized service connections at \$29.00 complete.

SAN FRANCISCO — City Construction Co., Cal. Bids., at \$3243, awarded contract by board of public works to improve Hearst Ave. between Conco and Detroit Sts., involving 425 cu. yds. cut; 1040 cu. yds. fill; 1200 lin. ft. conc. curb; 18,000 sq. ft. asph. conc. pavement.

James M. Smith, 407 11th St., at \$7257, awarded contract to improve Arch St. between Holloway and Garfield, involving 1330 lin. ft. conc. curb; 7500 sq. ft. conc. pavement and 12,450 sq. ft. asph. conc. pavement.

SEATTLE, Wash.—J. L. Smith, Pioneer Bldg., Seattle, at \$351,238, awarded contract to grade and pave Empire Way.

LOS ANGELES, Cal.—Napier & Simpson, San Fernando, submitted low bid to county supervisors, at \$57,694, for grading, roadway and constructing concrete walks, etc., in 105th, 106th, 107th and 109th Sts., Budlong, Normandie, Harvard and Western Aves.; 19,176 lin. ft. (R. D. I. No. 223). The bids were: W. D. McGraw, \$55,000; J. J. Beckford, \$65,000; W. E. Hall, \$65,000; Geo. H. Oswald, \$81,000.

FULLERTON, Cal.—Part of the \$275,000 bond issue to be voted Sept. 25 will be used for paving several of the city's main highways.

RICHMOND, Contra Costa Co., Cal.—L. S. Sage, 23 Cassell Ave., Richmond, at \$21,848, awarded contract by county to improve wash. Other bidders: P. H. Hoare, \$23,210; S. C. Rogers, \$24,781. H. C. Chapman, city engineer.

SAN BERNARDINO, Cal.—County Highway Commissioner James W. Cole, states that Shanty Alley, south of Chino, leading through Santa Ana Canyon to Fullerton and Santa Ana, will be paved with macadam this year.

YUBA CITY, Sutter Co., Cal.—Until Sept. 5, 11 a. m., bids will be received by county supervisors to pave Franklin road from Bunker lateral to Walnut Ave., about 1 mile, involving Alt. "A" rein. conc. 15-ft. x 5-in., (Item 1) 18,000 sq. yds. grading; (2) 1250 cu. yds. pavement, Alt. B, asph. macadam, 15 ft. 6-in. including old rock base; (Item 1) 700 tons crushed rock base; 5500 sq. yds. asph. surface; A or B at option of supervisors. Contractor furnishes all materials. O. W. Lanzendorf, county road engineer.

PALO ALTO, Santa Clara Co., Cal.—City council passes resolution to widen Hamilton Ave. at a cost of \$45,000, including purchase of land, moving buildings, etc. J. F. Bxybee, Jr., city engineer.

CALIFORNIA — Following contracts awarded by State highway commission: 1. Between Canyon. Between Canyadero creek and south boundary. 4.34 mi. asph. conc. surfacing, involving 6500 asph. conc., awarded to Clark & Henery Construction Co., 38 S. Sutter St., Ventura county, \$23,340.

2. Ventura county. Between Hueneme Rd. and pt. 3 1/2 mi. southeast, grading 2.28 mi., involving 66,900 cu. yds. excavation; 216 cu. yds. A conc.; 32 lin. ft. 18-in., 112 lin. ft. 24-in. and 34 lin. ft. 30-in. rein. conc. pipe; 45 monuments, awarded to George Pollock Co., Forum Bldg., Sacramento, \$23,640.

3. Lassen and Plumas counties. Between Chester Grade and NE 1/4 of Sec. 2, T. 8 N., R. 9 E., M. D. B. and M. Involving 71,000 cu. yds. excavation without classification; 225 cu. yds. Class A conc. (culverts and monuments) 90 lin. ft. 12-in., 150 lin. ft. 18-in. and 104 lin. ft. 24-in. corrugated metal pipe; 92 monuments; awarded to Isbell Construction Co., Box 584, Fresno, at \$116,227.

OROVILLE, Butte Co., Cal.—Until Aug. 31 bids will be received by C. F. Belding, county clerk, for following road improvement contracts:

Oroville-Pentz Road, Rt. 22, Sec. B, involv. (1) grading 4.8 mi., involv. 5478 cu. yds. earthwork, unclassified; (2) broken stone base, 1 1/2-in. thick, 2100 tons; (3) broken stone base, 3-in. deep and 3/4-in. to 3/4-in. and 3/4-in. to dust surfacing rock, involv. 7160 tons; (4) asphaltic concrete wearing surface, 1 1/2-in. thick, involv. 382,000 sq. ft. (5) 248 tons asphaltic oil penetration Grade "E" spread. Note: Items 2 and 4 are to be considered together as an alternative for Items 3 and 5.

Middle Mount Cross Road, grading and graveling, 3 mi. 4-in. thick, 12-ft. wide.

Neal Road, 3/4 mi., surfacing with crushed rock.

Laurel St., in Stirling City, surfacing with asphalt. Bangor Road, Rt. 25, Sec. B, involv. 2650 tons broken stone surfacing; 272 tons asphaltic oil grade "E".

Oroville - Pentz Road, Sec. C, Rt. 22, involv. (1) grading 6.4 mi., 7650 cu. yds. earthwork, unclassified; (2) 3200 tons broken stone base, 1 1/2-in. thick; (3) 9520 tons broken stone base, 3-in. deep and 3/4 in. to 3/4 in. and 3/4 in. to dust surfacing rock; (4) 506,000 sq. ft. 1 1/2-in. thick asphalt conc. surfacing; (5) 330 tons asphaltic oil, penetration Grade "E" spread. Items 2 and 4 are alternative for Items 3 and 5 together.

Harry H. Hume, county surveyor.

SANTA CRUZ, Santa Cruz Co., Cal.—City council petitioned to pave Kaye St., between Leavitt Ave. and 3rd St. James K. James, city engineer.

NAPA, Napa Co., Cal.—Cambiar & Garden, Oakland, at \$83,230, awarded contract by council to construct sewer in Elm St., involving 362 lin. ft. 10-in. sewer, \$1.90; 70 lin. ft. 8-in., \$1.50; 11 by 8-in. wye, \$1.50; 1 manhole, \$88.

GLENDALE, Cal.—Peter L. Ferry, 614 E. Acacia St., low bid to council to pave Harvard, Hawthorne and Orange Sts., involving 2289 lin. ft. grading at \$1 ft.; 101,386 sq. ft. 6-in. asphalt concrete paving at 19.5c ft. 6-in. C. I. pipe at \$1.90 ft.; 7 services at \$10 each.

MARTINEZ, Contra Costa Co., Cal.—County Surveyor R. R. Arnold preparing specifications to improve remaining 1/2 mi. of Franklin Canyon highway connecting present highway with State road at Luzon south of Highway; asph. conc. or black base pavement.

VISALIA, Tulare Co., Cal.—Valley Paving & Constr. Co., Visalia, at \$81,255, awarded contract by council to improve portions of Northeast 2nd, Northwest 2nd, Northeast 3rd Aves., etc., involving 229,759 sq. ft. 4-in. asphalt concrete base with 1 1/2-in. Varnish surface paving; 488 cu. yds. grading cut; 496 cu. yds. grading fill; 9073 lin. ft. curb; 8602.4 lin. ft. gutter; 1522 lin. ft. corrugated iron culvert; 31 culvert manholes; 778 lin. ft. head-ends; 2 catchbasins; 1000 lin. ft. 8-in. vit. tile sewer pipe; 5 br. manholes. W. L. H. Gadsby, city engineer.

HOLBROOK, Ariz.—George Frost, St. Joseph, submits low bid to Navajo Co. highway commission at \$43,652.99 for constructing 11 miles of highway running east from Holbrook toward the Petrified Forest.

HUNTINGTON BEACH, Cal.—Olmstead & Gillette, consulting engineers, Hollingsworth Bldg., Los Angeles, retained by city trustees to report on plans and estimates of cost for a municipal water system.

TUCSON, Ariz.—Willie Rd. Constr. Co. (Geo. B. Singleton), Tucson, submitted low bid at \$14,106 for surfacing E. Third St. with Willits. Borderland Constr. Co. was low bidder at \$41,474 for asph. conc. on same work.

SANTA BARBARA, Cal.—A petition for paving Fourth Ave. between Oak Park and Marine terminals and 14th St. is in circulation. Estimated cost, \$10,000.

YREKA, Siskiyou Co., Cal.—Until Sept. 1, 10 a. m., bids will be received by W. J. Nelson, county clerk, to construct Dressing to Oregon line road, No. 285, Klamath Road, District 1.

Separate bids, same date, for construction of charge in Gazette - Callahan Road No. 292, in Elma Road District 1. H. J. Sarter, county surveyor.

BERKELEY, Alameda Co., Cal.—City Council, E. M. Hann, clerk, declares intention to construct cement walks, 6-ft. wide, in portions of Acton, Spaulding, Harold, Prospect and Elgin Sts., pursuant to 86c, etc. 1911 Act. Protests Sept. 21. C. L. Higgins, city engineer.

MONTEREY, PAlM, Cal.—Until 8 p. m., Sept. 14, bids will be received by city trustees to construct water distributing system, cast iron pipe and appurtenances to be furnished by city. Approx quantities are: 23,629 ft. 4-in., 11,536 ft. 6-in., 6112 ft. 10-in., 11,600 ft. 16-in. and 1527 ft. 12-in. pipe; 38 gate valves, 129 fire hydrants and several connections to existing mains. Bids will be received at the same time for leading 113 tons pipe and fittings from San Pedro Charcoal and Lumber Co. and specification on file at office of city clerk and office of Olmstead & Gillette, consulting engineers, Hollingsworth Bldg., Los Angeles. Charge of \$2 for copies of plans and specifications.

LOS ANGELES, Cal.—City Engineer John A. Griffin has recommended in report to city council that sixteen streets in the Hollywood dist. lying west of Hoover St. and north of Metro be paved. The report states that the work should be done under Vrooman Act proceedings and recommended that the paving be not less than 5-in. The subsoil has been found to be suitable for any type of paving.

LOS ANGELES, Cal.—Res. of intn. adopted by county supervisors for improving Alpha Ave., from Electric to terminus; Culver Ave., from Electric to terminus; Charneck Ave., from Electric Ave. north to Charneck Rd., 3701 lin. ft. or 7 mi. (R. D. I. No. 222), involv. 749 cu. yds. excav., 12,422 sq. yds. shaping roadway, 12,422 sq. yds. 3-in. macadam, 1342 tons 12 rock, 894 tons No. 3 and No. 4 rock, 296 bids No. 90 oil. Est. contr. price, \$19,718. Protests, Sept. 5.

Intention adopted to improve Poppy Peak Dr. between Eagle Rock Ave. and its east terminus, 1045 lin. ft. or .20 mi. (R. D. I. No. 211), involv. 3220 cu. yds. excav., 2807 sq. yds. shaping roadbed, 2223 sq. yds. placing and rolling screenings, 1106 lin. ft. placing conc. curb, 3389 sq. ft. placing walk, 4359 sq. ft. placing conc. gutter. Materials required are: 33 tons No. 4 rock, 28 bids No. oil, 361 bids. cement, 154 tons sand, 215 tons gravel, 62 lbs. lamp black, 70 pcs. expn. joints, 5x9x14-in., 70 pcs. expn. joints, 3 1/2-in. x 4 ft., 70 pcs. expn. joints, 5-in. x 2 ft. Estimated contract cost, \$6715.

Intention adopted to improve Allen Ave., between Pasadena city boundary and San Marino city limits, 2.766 lin. ft. or .33 mi. (R. D. I. No. 204), involv. 3753 cu. yds. excav., 11,708 sq. yds. shaping roadbed, 2223 sq. ft. 6 x 10 x 14-in. conc. curb; 1511 lin. ft. 6 x 10 x 18-in. conc. curbs; 8862 sq. ft. 6-in. conc. gutter; 6559 sq. ft. 5-in. conc. gutter; 7159 sq. yds. macad. paving; 892 cu. yds. excav. for storm sewer; 239 cu. yds. removing and replacing storm sewer at street intersection; 2 standard No. 1 catchbasins with connecting drains; 1 type A drop inlets; 1 type B drop inlet; culvert. Materials required are: 1036 tons sand, 1847 tons gravel, 160 lbs. lamp black, 67,881 lbs. steel, 50 expansion joints 6 x 10 x 18-in., 108 expansion joints 3 x 10 x 14-in., 26 expansion joints 5-in. x 6 ft., 218 expansion joints 5-in. x 2 ft., 21 ft. 24-in. rein. conc. pipe, 8 conc. manhole covers. Materials furnished by county are: 235 bids cement, 1634 tons No. 4 rock, 216 tons No. 3 and No. 4 rock, 170 rock, 50 lbs. oil, 361 bids cement, 154 tons No. 90 oil, 361 bids cement, 154 tons sand, 215 tons gravel, 62 lbs. lamp black, 70 pcs. expn. joints, 5x9x14-in., 70 pcs. expn. joints, 3 1/2-in. x 4 ft., 70 pcs. expn. joints, 5-in. x 2 ft. Estimated contr. price, \$25,715.

SANTA ROSA, Sonoma Co., Cal.—W. L. Proctor, 1000 Spring St., Santa Rosa, at \$18,531, submits low bid to supervisors to construct Cazadero to Guerneville Jenner highway, Secs. B and C, 22,490 lin. ft. or 4.26 mi. involv. 23,200 cu. yds. unclassified excavation; installing (furnished by county) 458 lin. ft. 12-in., 142 lin. ft. 15-in., 354 lin. ft. 15-in., 126 lin. ft. 24-in. and 256 lin. ft. 36-in. corr. iron pipe; 16,606 lb. m. redwood for box culverts; Frank Bryant, 286 W. Santa Carlos St., San Jose, only other bidder, at \$23,595.

W. H. Carr, Sebastopol, at \$9643, low bidder to grade approximately 2 mi. of highway on the First-Ocean Highway, Sec. B, Fifth Dist. involving 9300 cu. yds. excavation without classification; 800 cu. yds. crushed rock and gravel; 450 lin. ft. pipe to be installed (pipe furnished by county); 54 cu. yds. concrete in headwalls, etc. Other bids: Modin & Preston, Byron, \$9643; Frank Bryant, \$10,221; Rocca & Coletti, \$11,278. Bids taken under advisement. R. Press Smith, county surveyor.

BERKELEY, Alameda Co., Cal.—City council, E. M. Hann, clerk, declares intention to improve Telegraph Ave., from south city limits to Dwight Way, involving 1,100 sq. ft. grading, 202,700 sq. ft. 5-in. asph. conc. base with 2-in. asph. conc. surface pavement; 2 conc. catchbasins; 9340 ft. conc. curb and gutter. Protests Aug. 25. C. L. Huggins, city engineer.

LOS ANGELES, Cal.—Until 10 a. m., Sept. 11, bids will be received by board of public works for widening of road between Beacon St. and Pacific Ave., and portions of other streets, involving 317,311 sq. ft. Warrenite-bitul. paving, 94,133 sq. ft. asph. paving, 25,458 sq. ft. conc. paving, 11,500 sq. ft. grading and oiling, 21,001 ft. curb, 48,260 sq. ft. walk, 23,850 sq. ft. conc. gutter, 3472 ft. lighting conduit, approx. 270,000 cu. yds. excav., 45,000 cu. yds. fill, storm sewer, sanitary sewer and house sewers; 1913 Act.

LOS ANGELES, Cal.—Until 11 a. m., Aug. 28, bids will be received by supervisors to improve Corona Ave. and other streets, near Alamitos Bay, 11,192 lin. ft. (R. D. L. No. 227), involving 11,516 cu. yds. excav., 31,566 sq. yds. shaping roadbed, 16,743 sq. conc. curb, 84,558 sq. ft. conc. walk, 1476 lin. ft. 42-in. storm drain, 372 ft. 18-in. storm drain, 20212 ft. 12-in. storm drain; 19 catchbasins, 3 manholes, for sanitary drains, one junction chamber, 7690 lin. ft. 8-in. sanitary sewer, 845 ft. 10-in. sanitary sewer, 16 manholes for sanitary sewer, 16 junction chambers for sanitary sewer, 3 flush and 10 for sanitary sewer, 17 lampholes for sanitary sewer, 31,560 sq. yds. conc. pavement.

PALO ALTO, Santa Clara Co., Cal.—City council, Frank Kisson, clerk, declares intention to improve Cowper St. between Lincoln and Kingsley Aves. and Lincoln Ave. between Waverly and Cowper Sts., by grading, paving with 4½-in. conc. where not already. 1911 Act. Protests Sept. 11. J. F. Bixby, Jr., city engineer.

WHITTIER, Cal.—Fairchild & Gilmore-Wilton Co., L. R. Bldg., Los Angeles, awarded contract by city trustees for street work as follows:

(1) Elmer Ave., between Philadelphia St. and 627 ft. south, involving approx. 21,000 sq. ft. grading at 4.5¢ sq. ft.; 21,000 sq. ft. conc. curb paving at 21¢ sq. ft.; curb at 50¢ ft. walk at 19¢ ft.

(2) Friends Ave., between Short St. and 300 ft. north, involving approx. 10,000 sq. ft. grading at 6¢ sq. ft.; 10,000 sq. ft. 6-in. cem. conc. paving at 21¢ ft.; curb at 50¢ ft. and walk at 19¢ sq. ft.

PERKELEY, Alameda Co., Cal.—Until Aug. 29, 10 a. m., bids will be received by E. M. Hann, clerk, for improving portions of Webster St., involving 350 ft. 3-ft. x 4-ft., 6-in., 1180 2-ft. 6-in. x 3-ft. 9-in. and 2140 ft. 2 x 3-ft. conc. brick invert sewer; 1870 ft. 21-in. and 2100 ft. 24-in. iron storm pipe sewer; 21 manholes; 19 catchbasins and 6 curb inlets. 1911 Act. C. L. Huggins, city engineer.

GLENDALE, Cal.—Breitenstein & Ducey, 151 S. Hill Ave., Pasadena, submits low bid to council at \$23,080.19, for paving W. Broadway, Concord St. and San Fernando Rd., involving 217,800 sq. ft. grading at 30¢ ft.; 8722 sq. ft. gutter at 20¢ ft.; 84,798 sq. ft. 5-in. oiled macadam paving at 13¢ ft.; 4222 lin. ft. curb at 50¢ ft.; 20,673 sq. ft. walk at 15¢ ft.; 2206 ft. 6-in. C. I. pipe at \$180 ft.; 190 ft. 8-in. C. I. pipe at \$2 ft.; service complete, \$550. Other bids were: Napier & Simpson, \$24,524.32; Peter L. Ferry, \$24,334.56; J. Curran, \$26,836.29; Fleming Constr. Co., \$27,472.28; Connolly & Henderson, \$27,702.86.

SAN FRANCISCO—Heavy & Tibbitts Const. Co., 9 Main St., at \$54,609, submits low bid to board of public works to construct Sec. D of Ocean Beach Esplanade, involving 327 lin. ft. Tibbitts conc. pavement, \$59,808; Clinton Const. Co., \$56,893.

LOS ANGELES, Cal.—Compton Water & Lighting Co., has been authorized by city council to place a commission to sell at not less than par \$19,400 capital stock for additions and betterments.

EUREKA, Humboldt Co., Cal.—W. C. Elsemore, Eureka, at \$298,000, has awarded contract by the Supervisors to gravel approximately 3,000 ft. of Lord Ellis road between North E. of and of and Blair road. E. Langhant Paving & Constr. Co., Eureka, bid \$325,000.

MARYSVILLE, Yuba Co., Cal.—Until August 31, 10 a. m., bids will be received by W. M. Strief, County Clerk, to haul and spread gravel; lay drain culverts; cut drain ditches and remove material and rock from road extending from Dobbins to Cottage Hill Ravine. L. B. Crook, County Surveyor.

SANTA ROSA, Sonoma Co., Cal.—Supervisors reject bids to construct Two Rock-Tomales road, 1.71 miles, and Dry Creek Road, 1.5 miles in length, and work will be done by labor under supervision of County Surveyor R. Press Smith.

FRESNO, Fresno Co., Cal.—County Surveyor Chris P. Jensen preparing specifications for highway from Camden to Lanare through Riverdale, 7½ miles long; first 2½ miles from Camden to be of asphalt concrete with remainder of oil macadam, with a 4-in. crushed rock base surfaced with light and heavy oil. Proposed to resurface with Type A surface at later date. Specification also under way for 2½ mile stretch from Camden to Glen Ave., to be surfaced with oil macadam.

RED BLUFF, Tehama Co., Cal.—Supervisors petition to construct 4 miles road from Susanville-Red Bluff Road at Seven-Mile creek to the Bend district; estimated cost, \$68,000. W. F. Lunning, county surveyor.

SANTA ROSA, Sonoma Co., Cal.—Bate Elec. & Equip. Co., 530 Folsom St., San Francisco, awarded contract by city council for improvements to water works system. Complete bid follows: 1, 2 5-in. Byron Jackson pumps, \$400; 2 6-in. Byron Jackson pumps (split case), \$45,645; 3, 2 6-in. SW. Worthington single stage, \$46,772; 4, 2 5-in. DW. Worthington single stage, \$46,115; 5, 2 5-in. Lea-Courtesy Co. pumps, \$45,630.

REDWOOD CITY, San Mateo Co., Cal.—Until Sept. 11 bids will be received by Elizabeth M. Nash, county clerk, to repave and pave Pescadero to Santa Cruz county line road, 1 mile, to pt. near Pigeon Point. G. M. Kneese, county surveyor.

FRESNO, Fresno Co., Cal.—City Engineer Wm. Stranahan completes specifications to improve N St. between Butler and Stanislaus and Butler from junction of N and O to 10th St., involving 222,910 sq. ft. grading; 200,220 sq. ft. asph. conc. base with 1½-in. Warrenite surface pavement; 21,555 sq. ft. conc. gutter; 11,963 lin. ft. conc. curb; 518 sq. ft. 24-in. iron storm pipe; 12-in. and 304 lin. ft. 18-in. corr. metal culvert; 12 manholes 1911 Act. Protests Aug. 24, 1922.

MARYSVILLE, Yuba Co., Cal.—Warren Const. Co., 2779 Poplar St., Oakland, awarded contract by council to improve streets in District 15 and 16; pavement to consist of 3½-in. bit. base with 1½-in. Warrenite-bit. surface, in District 16 approximately 748,331 sq. ft. and District 16 approximately 533,773 sq. ft., including construction of concrete curbs and gutters.

OAKLAND, Cal.—City council, E. K. Sturges, clerk, declares intention to improve San Carlos Ave. between 47th and Courtland Aves., by grading, concrete curbs, gutters and walks; oil macadam pavement; brick storm water inlet; 19-in. vit. pipe conduit; 1911 Act. Protests Aug. 31. W. W. Harmon, city engineer.

MARYSVILLE, Yuba Co., Cal.—Until Aug. 28 bids will be received by council to pave street intersections, involving approximately 600,000 sq. ft. 3½-in. bit. base with 1½-in. Warrenite surface. W. Meek, city engineer.

MANTECA, San Joaquin Co., Cal.—City trustees ask State railroad commission to place valuation on Manteca waterworks with view toward purchasing same for municipal system.

BERKELEY, Alameda Co., Cal.—Bates & Borland, Oakland Bank of Savings Bldg., Oakland, at \$46,105, awarded contract by council to improve Grove St. between Berkeley Way and Hopkins, etc., by constructing combined concrete curbs and gutters; regrading; paving with 2-in. asphalt concrete surface on 6-in. hyd. concrete base; concrete catchbasins, brick manholes, etc.

SACRAMENTO, Cal.—Bids were received as follows on Aug. 14 by the California Highway Commission for highway improvement in three counties:

Los Angeles county, across San Gabriel river, near Azusa (VII-LA-9-G), a reinforced concrete girder, bridge consisting of eighteen 54-ft. spans and one 31-foot approach span, with the necessary piers, bent, abutment, wing walls and bank protection, W. G. A. Foley & Co., Altman, Minn., \$124,088.70.

Geo. Pollock Co., Sacramento, \$124,680.00.

W. B. McCarty, Los Angeles, \$16,880.00.

Mercereau Bridge & Const., \$129,222.00.

Gillon - Patterson & Dow, \$133,064.00.

Chas. Thompson & Chas., \$141,171.80.

DeVaard & Cobham, L. A., \$148,581.00.

Engineer's estimate, \$146,566.

Ventura county, between Phenomena road and a point three and one-half (3½) miles southerly (VII-Ven-60).

A, about three and three-tenths (3.3) miles in length, to be graded.

Geo. Pollock, Sacramento, \$33,640.00.

D. McDonald, Sacramento, \$33,964.00.

W. B. McCarty, L. A., \$34,597.90.

C. H. Hudson, L. A., \$35,927.00.

W. H. Goss, L. A., \$37,254.00.

J. H. Costello, Jr., S. F., \$47,322.00.

Warren Const. Co., Oakland, \$37,370.00.

Granger Bros. & Bruce, Long Beach, \$49,201.00.

Wilmsworth & Manetas, S. F., \$50,169.50.

Francisco & Ellington, Inc., \$59,527.00.

W. B. McCarty, Los Angeles, \$59,527.00.

Engineer's estimate, \$26,047.50.

Santa Clara county, between Carradero Creek and southerly boundary (IV-SCI-2-C), about one and three-tenths (1.3) miles in length, to be surfaced with asphalt concrete.

Clark & Henery, Stockton, \$28,340.00.

J. A. Costello, Jr., S. F., \$30,875.00.

Hugh Crummeys, Oakland, \$45,240.00.

Engineer's estimate, \$29,250.

HEALISBURG, Sonoma Co., Cal.—Until Sept. 5, bids will be received by city trustees for furnishing and delivery of material for Class B, 2500 ft. 6-in., 16 ft. 8-in. C. I. pipe Class B; 10 4-in., 2 6-in. and 1 8-in. standard gate valves, bell ends; 2 4-in. and 6 6-in. and 6 6-in. tees; 6 4-in. and 6 4-in. elbows; 4 1 8-in. and 1 8-in. 6x4-in. C. I. crosses; 2 single style 4-in. Cory hydrants; 6500 lbs. lead; 200 lb. okum and 12-valve boxes. C. E. Stogard engineer, Santa Fe Bldg., San Francisco.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
3067	Duffy	Adler	19000
3068	Sanchez	Owner	2700
3069	Harrington	Finnikan	1000
3070	Blanchi	Leigh	8000
3071	Sherwood	Klahn	9225
3072	Brown	Boston	750
3073	Coleman	Harder	9500
3074	Woodfield	Owner	20000
3075	Stoff	Owner	90000
3076	Gump	Arras	14980
3077	Pac. Tel. & Tel.	MacDonald	29739
3078	Roth	Swanson	8911
3079	Delehanty	Delaney	4500
3080	Gronsky	Grosman	4050
3081	Crocker	Samuelson	3800
3082	Liebman	Owner	13000
3083	Cahill	Owner	8800
3084	Scholtz	Kragen	4000
3085	Gibson	Owner	5800
3086	Harrison	Owner	14000
3087	Legallett	Bryant	21000
3088	Gilson	Owner	6900
3089	Lapham	Lapham	7000
3090	Gloser	Merritt	1500
3091	Roth	Barrett	1900
3092	Tillini	Sartorio	5700
3093	Goldeli Gate	Sibley	2150
3094	Boss	Harder	5720
3095	Crocker	Goodman	3500
3096	Eterovich	Maronich	5000
3097	Cox	Bacheldi	1250
3098	Eason	Mangels	5000
3099	Young	Urban	4000
3100	Kemmerling	Owner	1200
3101	Dorn	Pugh	3987
3102	Ross	Harder	5722
3103	Proff	Dunn	8255
3104	Lurie	Vukicevich	26000
3105	Bluzra	Owner	2500
3106	Ross	Boss	5000
3107	Monson	Owner	2500
3108	Miller	Coninary	5000
3109	Shelton	Owner	4000
3110	Blindeman	Owner	4250
3111	Makley	Owner	1000
3112	Lurie	Owner	5000
3113	Barrett	Owner	5000
3114	Collins	Wilson	3200
3115	Austin	Arnott	2525
3116	Schimmel	Feeless	10530
3117	Harris	Stiefel	13552
3118	Janssen	Owner	3950
3119	Janssen	Owner	3950
3120	Janssen	Owner	3950
3121	Janssen	Owner	3950
3122	Janssen	Owner	3950
3123	Sibley	O'Brien Bros	7000
3124	De Vizina	Diestel	3000
3125	Carlson	McIntosh	8000
3126	Janssen	Owner	7900
3127	Jorgensen	Owner	3500
3128	Crest	Monson	490000
3129	Snyder	Thulin	8400
3130	Koufos	Koenig	15455

APARTMENTS

(3067) S. WASHINGTON 165 W. Scott. Three-story and basement frame (5) apartments.
Owner—Miss A. G. Duffy, 2805 Washington St., San Francisco.
Architect—K. Adler, 493 22nd Ave., San Francisco.
Contractor—K. Adler, 493 22nd Ave., San Francisco. \$19,000

ALTERATIONS

(3068) NO. 747 NAPLES. Alterations and one-story addition to dwlg.

Owner—Manuel Ruiz Sanchez, Prem.
Architect—None \$2700

REPAIRS

(3069) NO. 46 DELANO AVE. Repair fire damage to dwelling.
Owner—Cornelius Harrington, 46 Delano St., San Francisco.
Architect—None.
Contractor—Finnigan & Mahoney, 3344 Army St., San Francisco. \$1000

DWELLING

(3070) N. FRANCISCO 112-6 E Gough. Two story and basement frame dwelling.
Owner—A. Bianchi, 935 Union St., San Francisco.
Architect—None.
Contractor—David Leigh, 840 44th Ave., San Francisco. \$3000

FLATS.

(3071) SE. COR EIGHTEENTH AND Irving. All work on two flats.
Owner—S. E. Sherwood, 1312 18th Ave., San Francisco.
Architect—None.
Contractor—Arthur H. Klahn, 1334 21st Ave., San Francisco.
Filed Aug. 9, 1922. Dated Aug. 8, 1922
Roof rafters on \$1725
Brown plaster 1730
Plaster Completed 1730
Completed 1730
Usual 35 days 2310
TOTAL COST, \$9225
Plans and specifications filed.

ALTERATIONS

(3072) NO. 165 EUENA VISTA AVE. All work except fixtures, shades and hardware for alterations and additions to building.
Owner—A. A. Brown, 425 Kearny St., San Francisco.
Architect—W. H. Crum Jr., 425 Kearny St., San Francisco.
Contractor—Doxton & Zwieg, Flatiron Bldg., San Francisco.
Filed Aug. 11, '22. Dated Aug. 3, '22.
Ready for lathing \$1461.75
Brown coated 1461.75
Stairing (rim on) 1461.75
Completed 1461.75
Usual 35 days 1950.00
TOTAL COST, \$7797.00
Bond, \$3899. Sureties, E. C. and O. H. Hueter. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(3073) E. FOURTH AVE 62-4 13/16 S. Cabrillo S 31x87-6. All work for two-story dwelling.
Owner—Nellie R. Coleman.
Architect—Albert R. Williams, 1462 California St., San Francisco.
Contractor—John Harder, 870 39th Ave. San Francisco.
Filed Aug. 11, '22. Dated Aug. 10, '22.
Rough frame up \$2275
Brown plaster 2375
75% of extras 2375
25% of extras 2375
TOTAL COST, \$9500
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

STORE BLDG.

(3074) W. MASON 137-6 N. EDDY. Two one-story and basement reinforced concrete store buildings.
Owner—Wm. H. Woodfield, Jr., Alexander Bldg., San Francisco.
Architect—Wm. F. Gunnison, 1666 Golden Gate Ave., San Francisco.
Contract—Not let. \$30,000

APARTMENTS.

(3075) S. SUTTER 116-6 W. HYDE. Four story and basement reinforced concrete (33) apartments.
Owner—Louis D. Stoff, Sutter near Leavenworth St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco. \$90,000

ALL WORK.

(3076) SW. GEARY AND JONES. All work—grading, excavating, footings, trenches, reinforcing steel, etc.
Owner—S. & G. Gump Realty Co., 246 Post St., San Francisco.
Architect—Milton Latham, 452 Montgomery St., San Francisco.
Contractor—Adam Arras Co., 185 Stevenson St., San Francisco.
Filed Aug. 11, '22. Dated Aug. 9, '22.
Grading, excavation, trenches, \$1500
Concrete poured 2500
Concrete to 3rd floor 2410
Concrete to fifth floor 2410
Concrete complete 2410
Usual 35 days 3750
TOTAL COST, \$14,980
Bond, \$7490; sureties, R. A. Farrar and Theo. de Pass; forfeit, none; limit, none. Plans and specifications filed.

ALTERATIONS

(3077) NO. 450 FIFTH AVE. All work for alterations and additions to office building.
Owner—Pacific Telephone & Telegraph Co., 233 Grant Ave., San Francisco.
Building Engineer—E. V. Cobby.
Contractor—MacDonald & Kahn, 130 Montgomery St., San Francisco.
Filed Aug. 12, '22. Dated July 27, '22.
On list of each month 75%
Usual 35 days 25%
TOTAL COST, \$29,739
Bond, \$—; Surety, National Surety Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

RESIDENCE

(3078) LOT 15 BLK 25, St. Francis Wood Extension No. 2. All work for two-story residence.
Owner—Martin A. Roth, 512 Second St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Ernest Swanson, 329 Lowell St., San Francisco.
Filed Aug. 12, '22. Dated July 17, '22.
Wall & roof sheathing in place, \$2224
Brown coated interior and exterior 2228
Completed and accepted 2228
Usual 35 days 2227
TOTAL COST, \$8911
Bond, \$4455.50. Sureties, Wm. F. Cody and R. Milano. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(3079) NO. 1015 BROADWAY. All work for alterations.
Owner—William Delehanty, Prem.
Architect—None.
Contractor—Chas. S. Delaney, 2415 Bush St., San Francisco.
Filed Aug. 12, '22. Dated July 27, '22
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$4500
Bond, limit, forfeit, plans and specifications, none.

DWELLINGS

(39890) N AVALON 59 & 75 W Madrid.
Two one-story and basement frame dwellings.
Owner—Mrs. B. Gronsky, Lisbon Cor. Avalon, San Francisco.
Architect—None.
Contractor—W. E. Grosman, 447 London St., S. F. \$2000 each

DWELLING

(39881) W EDINBURGH 100 N Geneva.
One and one-story and basement frame dwelling.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 239 Ralph St., San Francisco. \$3800

APARTMENTS

(39882) SE ELEVENTH AVE AND Geary. Three-story and basement frame (4) apartments.
Owner—Jeanette Liebman, 113 9th Ave., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. \$13,000

RESIDENCE

(39883) W FIFTH AVE at Presidio Wall. Two-story and basement frame residence.
Owner—J. E. Cahill, 110 Sutter St., San Francisco.
Architect—J. H. Powers and J. H. Ahuden, 649 Montgomery St., San Francisco. \$8800

ALTERATIONS

(39884) SW MARKET AND FOURTH. Construct show windows and erect two stairways.
Owner—Scholtz Mutual Drug Co., Premises.
Architect—None.
Contractor—Louis Kragen, 681 Golden Gate Ave., San Francisco. \$4000

DWELLINGS

(39885) N NINETEENTH 553 and 575 W Douglas. Two two-story and basement frame dwellings.
Owner—J. C. Gibson, 421 Leavenworth St., San Francisco.
Architect—R. R. Irvine, 507 Call Bldg., San Francisco. \$2900 each

GARAGE

(39886) W NINTH AVE bet. Irving & Judah. One-story brick garage. 75x120.
Owner—A. B. Harrison, Mills Bldg., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco. \$14,000

ALTERATIONS

(39887) EDDY BY PHILIP'S POINT. Jerrold and Kirkwood. Move and make alterations and additions for sheep sheds and barns.
Owner—Lygallott-Hellwig-Norton Co., 1606 Fairfax Ave., San Francisco.
Engineer—Leland S. Rosener, 723 Insurance Exchange Bldg., S. F.
Contractor—J. A. Bryant, 185 Stevenson St., San Francisco. \$21,000

FRAME FLATS

(39888) E TWENTIETH AVE 200 N Irving. Two-story and basement frame (2) flats.
Owner—J. C. Gibson, 421 Leavenworth St., San Francisco.
Architect—R. R. Irvine, 507 Call Bldg., San Francisco. \$6300

DWELLING

(39889) W THIRTY-SIXTH AVE 120 N Geary. Two-story and basement frame dwelling.
Owner—A. R. Lapham, 6311 Geary St., San Francisco.
Architect—None.
Contractor—Lapham Bldg. Co., 6311 Geary St., San Francisco. \$7000

DWELLING

(39890) NO. 261 TWELFTH AVE. Raise and alter for basement garage; addition of 6 ft. extension to dwelling.
Owner—A. Gieson, 361 12th Ave., S. F.
Architect—None.
Contractor—Geo. M. Merritt Bldg. Co., 304 Geary St., S. F. \$1500

ADDITION

(39891) SE WASHINGTON & LOCUST. Add bathroom; remove trim in living and dining room and alter for basement garage (residence).
Owner—L. Roth, 3303 Pacific Ave., San Francisco.
Architect—None.
Contractor—Barrett & Hilp, 918 Harrison St., S. F. \$1500

BUILDING

(39892) E GOUGH 58 S Filbert S 26-6 X101. All work except fixtures, shades and hardware for one-story building.
Owner—E. Tollan.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—Peter Sartorio, 425 Kearny St., San Francisco.
Filed Aug. 14, '22. Dated Aug. 5, '22.

Roof on \$1234
Brown coated 1233
Completed 1234
Usual 35 days 2000
TOTAL COST, \$5700
Bond, limit, forfeit, 75 days. Forfeit, none. Plans and specifications filed.

EXCAVATING

(39893) NE TURK AND POLK. All work for excavating.
Owner—Golden Gate Post No. 40, American Legion Hall Ass'n.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Contractor—Sibley Grading & Teaming Co., 155 Lunders St., S. F.
Filed Aug. 14, '22. Dated Aug. 4, '22.
On completion \$2000
Usual 35 days 1150
TOTAL COST, \$3150
Bond, limit, forfeit, none. Plans only filed.

DWELLING

(39894) W. FRANKLIN 55 N FRANCISCO. One-story and basement frame dwelling.
Owner—Henry Boss, 870 39th Ave., San Francisco.
Architect—None.
Contractor—John Harder, 870 39th Ave., San Francisco. \$5720

TENNIS COURT

(39895) S. W. JACKSON AND Laguna Sts. Layout and enclose tennis court—concrete floor, asphalt covering, etc.
Owner—Mrs. Mary Ives Crocker, Insurance Exchange Bldg., San Francisco.
Architect—Nathaniel Blaisdell, 255 California St., San Francisco.
Contractor—Goodman Artificial Stone Co., Lick Bldg., San Francisco. \$3500

STORE & FLATS

(39896) S. W. MISSION 250 S. E. RUSSELL. Two-story frame store and flat.
Owner—John Eterovich, 2786 24th St., San Francisco.
Architect—None.
Contractor—G. Maronich, 4437 25th St., San Francisco. \$5000

REPAIRS

(39897) 70-72 POND ST. Ratproofing, new roof, plumbing, repairs for (2) flats.
Owner—James N. Cox, 27 Hartford St., San Francisco.
Architect—None.
Contractor—N. E. Baccheldi, 85 College Ave., San Francisco. \$1250

RESIDENCE

(39898) E. SAN BENITO 50 S. ST. Francis Blvd. Two-story and basement frame residence.
Owner—J. A. and Edith B. Eason, 278 12th Ave., San Francisco.
Architect—Henry H. Gutterston, 278 Post St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. \$5000

DWELLING

(39899) W. THIRTY-EIGHTH AVE. 200 N. Fulton. One-story and basement dwelling.
Owner—Albert Young, 656 8th Ave., San Francisco.
Architect—None.
Contractor—G. W. Urban, 641 O'Farrell St., San Francisco. \$4000

ALTERATIONS

(3100) NO. 71 LIEBIG. Raise and move dwelling; cement basement; alter for private garage.
Owner—Ed. Kemmerling, Premises.
Architect—None. \$1200

PAINTING, ETC.

(3101) NO. 242 TURK ST. Hotel Van Dorn. All work for painting and paper hanging.
Owner—Camille A. Dorn, Stanford Court Apartments, San Francisco.
Architect—None.

Contractor—J. C. Pugh.
Filed Aug. 15, '22. Dated Aug. 14, '22.
TOTAL COST, \$3987
Bond, \$2000. Surety, Maryland Casualty Co. Limit, forfeit, plans and specifications, none.

RESIDENCE

(3102) W. FRANKLIN 55 N FRANCISCO. All work for one-story residence.
Owner—Henry and Bessie Boss.
Architect—None.
Contractor—John Harder, 870 39th Ave., San Francisco.
Filed Aug. 15, '22. Dated Aug. 14, '22.
Frame up \$1430
Brown coated 1450
Completed 1430
Usual 35 days 1432
TOTAL COST, \$5722
Bond, limit, forfeit, none. Plans and specifications filed.

ALTERATIONS

(3103) NO. 2405 TO 2414 MISSION ST. All work for alterations.
Owner—Mathilde Proffe.
Architect—W. L. Schmole, 40 Montgomery St., San Francisco.
Contractor—Joseph Dunn, 2630 Anza St., San Francisco.
Filed Aug. 15, '22. Dated Aug. 10, '22.
Progressive payments of 75%
Usual 35 days 25%
TOTAL COST, \$8255
Bond, \$4128. Surety, Union Indemnity Co. Limit, 42 days. Forfeit, none. Plans and specifications filed.

WAREHOUSE

(3104) N BRYANT 291 W Second. Three-story and basement Class C warehouse.
Owner—L. R. Lurie, % Architect.
Architect—O'Brien Bros., Inc., 240 Montgomery St., San Francisco.
Contractor—Vukobrevich & Bagge, 177 Stevenson St., San Francisco. \$26,000

DWELLING

(3105) S BRYANT 104 N Twenty-fifth. One-story and basement frame dwelling.
Owner—P. Eizura, 561 Athens St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$2500

RESIDENCE

(3106) E FIFTEENTH AVE 215 S Judah. Two-story and basement frame residence.
Owner—Lillian S. Ross, 415 Frederick St., San Francisco.

Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—D. W. Ross, 180 Jessie St., San Francisco. \$5000

DWELLINGS
(3107) NE FORTY-FOURTH AVE & Point Lobos Ave and E 44th Ave 22-6 and 15 N Point Lobos Ave Three one-story and basement frame dwellings.
Owner—Ragner Monson, 312 Eureka St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$2500 each

REPAIRS
(3108) NO. 656 HOWARD. Repair plastering, electric work and plumbing for store.
Owner—Mrs. Helen W. Miller.
Architect—None.
Contractor—W. T. Commary, 601 Crocker Bldg., S. F. \$5000

REPAIRS
(3109) E MISSION 167 N Twenty-fourth. General repairs for office and 2 flats.
Owner—H. Scholten, 2853 Mission St., San Francisco.
Plans by Owner. \$4000

RESIDENCE
(3110) E NINTH AVE 150 N Anza. One-story and basement frame residence.
Owner—H. O. Blindeman, 619 27th Ave., San Francisco.
Designer—W. R. Lindeman, 530 Balboa St., San Francisco.
Contractor—W. R. Lindeman, 530 Balboa St., San Francisco. \$4250

DWELLING
(3111) E REVERE AVE 337½ S Ingalls. One-story and basement frame dwelling.
Owner—R. C. Makley, 1258 Revere Ave., San Francisco.
Architect—None. \$1000

ALTERATIONS
(3112) NO. 55 SUTTER. Erect office partitions.
Owner—Louis R. Lurie, Mills Bldg., San Francisco.
Architect—O'Brien Bros., Inc., 249 Montgomery St., S. F. \$5000

FRAME FLATS
(3113) W TWENTY-SIXTH AVE 225 S Clement. Two-story and basement frame (2) flats.
Owner—J. J. Barrett, 439 20th Ave., San Francisco.
Architect—None. \$5000

SEWERING, ETC.
(3114) LOCATION NOT GIVEN. All work for sewerage and plumbing.
Owner—Collins-Hencke Candy Co., 23 Beal St., San Francisco.
Architect—N. W. Sexton, Chronicle Bldg., San Francisco.
Contractor—Wm. F. Wilson Co., 328 Mason St., San Francisco.
Filed Aug. 16, '22. Dated Aug. 12, '22.
Rough plumbing completed. \$1600
All work completed. 800
Usual 35 days. 801
TOTAL COST, \$3200
Bond, limit, none. Forfeit, \$50 a day.
Specifications only filed.

BUNGALOW
(3115) S FLOOD 225 W Edna W 25x112-6. All work for bungalow.
Owner—Henry W. Austin.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F.
Filed Aug. 16, '22. Dated June 7, '22.
Frame up. 25%
Brown coated. 25%
Completed. 25%
Usual 35 days. 25%
TOTAL COST, \$2525
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUNGALOWS, ETC.
(3116) N TARAVAL — W Thirty-sixth Ave. All work for two one-story bungalows and garages.
Owner—Otto Schimmel, Room 304, 105 Montgomery St., San Francisco.
Architect—None.
Contractor—Peerless Construction Co., 2867 18th St., San Francisco.
Filed Aug. 16, '22. Dated Aug. 7, '22.
Roof on. 25%
Brewer coated. 25%
Completed. 25%
Usual 35 days. 25%
TOTAL COST, \$10,500
Bond, limit, forfeit, plans and specifications, none.

FLATS
(3117) N. E. BALBOA AND SEVENTH AVE. Two-story and basement frame (4) flats.
Owner—M. S. Harris and C. W. Lubliner, 591 7th Ave., San Francisco.
Architect—None.
Contractor—John V. Stieffel, 184 23rd St., San Francisco. \$13,552

DWELLING
(3118) S. BALBOA 132-6 W. NINTH AV. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950

DWELLING
(3119) S. BALBOA 25 W. NINTH AV. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950

DWELLING
(3120) E. EIGHTEENTH AVE. 50 S. Cabrillo. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950

DWELLING
(3121) E. EIGHTEENTH AVE. 75 S. Cabrillo. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950

DWELLING
(3122) E. EIGHTEENTH AVE. 25 S. Cabrillo. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950

BRICK STORE
(3123) W. LANDERS 345 N. SIXTEENTH. One-story brick store.
Owner—L. Sibley, 35 Landers St., San Francisco.
Architect—O'Brien Bros., Inc., 249 Montgomery St., San Francisco. \$7000

REPAIR FIRE DAMAGE
(3124) 1388-90 PACIFIC AVE. Repair fire damage to store and flats.
Owner—M. De Vizina, 248 Russ Bldg., San Francisco.
Architect—None.
Contractor—John Dieste, 248 Russ Bldg., San Francisco. \$3000

RESIDENCE
(3125) S. YERBA BUENA AVE. 415 E. Santa Clara. Two-story and basement residence.
Owner—J. A. Carlson, 298 Post St., San Francisco.
Architect—H. H. Gutterston, 298 Post St., San Francisco.
Contractor—McIntosh Bros., 189 Jessie St., San Francisco. \$8000

DWELLINGS
(3126) E THIRTEENTH AVE 225 and 250 N. Fulton. Two one-story and basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950 each

DWELLING
(3127) W. ALABAMA 250 S. Twenty-sixth. Two-story and basement frame dwelling.
Owner—K. H. Jorgensen & Co., 75 Wallman St., San Francisco.
Plans by Contractor. \$3500

APARTMENTS
(3128) NE COUGH AND WASHINGTON. Two-story and basement reinforced concrete (64) apartments.
Owner—Arest View Investment Co., 50 Architect.
Architect—J. L. Stewart, 1214 Claus Spreckels Bldg., San Francisco.
Contractor—Monson Bros., 251 Kearny St., San Francisco. \$490,000

RESIDENCE
(3129) S. HIDALGO 128-3 E Dolores E 25x100. All work for one-story residence.
Owner—Manuel Synder, 804 Mission St., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—A. L. Thulin, 242 18th Ave., San Francisco.
Filed Aug. 17, '22. Dated Aug. 9, '22.
Frame up. \$2100
Plastered. 2100
Accepted. 2100
Usual 35 days. 2100
TOTAL COST, \$8400
Bond, \$4200. Sureties, O. F. Tasson and E. H. Peterson. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FLATS
(3130) NW FOURTH AVE AND BALBOA 25x95. All work for two-story frame (4) flats and (1) store.
Owner—Nic Koufes, 3rd Ave. and Balboa, San Francisco.
Architect—Wm. Koenig, 520 Church St., San Francisco.
Contractor—Chas. J. D. Koenig, 329 Church St., San Francisco.
Filed Aug. 17, '22. Dated Aug. 17, '22.
Frame up. \$3862.50
Brown coated. 3862.50
Completed. 3862.50
Usual 35 days. 3862.50
TOTAL COST, \$15,450.00
Bond, \$—, Sureties, Wm. A. Newsum and Adam Arras. Limit, 100 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Aug. 17, 1922—E. MISSION BKT. 24th and 25th, 2803 and 2805 Mission. Wm. Wohltmann to P. F. Reilly. Aug. 5, 1922
Aug. 17, 1922—W. NINETEENTH AV. 125 N. Fulton, W. 120 x N-25. Wm. G. Loewe Co. to H. Williamson Co. Aug. 15, 1922
Aug. 17, 1922—LOT 3 BLK 6749, Addition to Mission and 24th Sts. Extn Hld. Crocker Estate Co. to J. A. Arrott. Aug. 14, 1922
Aug. 17, 1922—LOT 7 BLK 6749, Addn to Mission & 30th Sts. Extn Hld. Crocker Estate Co. to J. A. Arrott. Aug. 14, 1922
Aug. 17, 1922—W. NAPLES 1st N 29' 22' E 356' from intersection NW Naples and NE Geneva Ave N 29' 22' W 25 S 60' 38' W 100' 43 S 29' 22' W 25 S 60' 38' E 100.43 to hwy Ptn/Lots 21, 22, 23 and 24 Blk 10, Crocker Amazon Tract. Crocker Estate Co. to A. M. Samuelson. Aug. 15, 1922

Aug. 17, 1922—LOT 8 BLK 10, Crocker Amazon Tract. Crocker Estate Co to A M Samuelson. Aug. 15, 1922

Aug. 17, 1922—LOT 16 BLK 17, Crocker Amazon Tract. Crocker Estate Co to A M Samuelson. August 15, 1922

Aug. 17, 1922—E NAPLES N 29° 27' E 355 from SE Naples and NE Geneva Ave N 25° 22' E 30 660' 38' E 100.423 S 29° 22' W 30' N 60° 38' W 100.423 Plr Lots 18, 19, 20 and 21 Blk 17, Crocker Amazon Tract. Crocker Estate Co to A M Samuelson. Aug. 15, 1922

Aug. 17, 1922—E NAPLES dist N 29° 22' E 385 from intersection SE Naples and NE Geneva Ave N 29° 22' E 25.044 to SW Amazon Ave th along S W Amazon N 65° 15' 49' E 100.746 S 29° 22' W 33.15 N 60° 38' W 100.423 to beg Plr Lots 18 to 21 Blk 17, Crocker Amazon Tract. Crocker Est Co to A M Samuelson. Aug. 15, 1922

Aug. 17, 1922—LOT 28 BLK 10, Crocker Amazon Tract. Crocker Estate Co to A M Samuelson. Aug. 15, 1922

Aug. 17, 1922—LOT 30 BLK 10, Crocker Amazon Tract. Crocker Estate Co to A M Samuelson. Aug. 15, 1922

Aug. 17, 1922—LOT 32, Plk 16, Crocker Amazon Tract. Crocker Estate Co to A M Samuelson. Aug. 15, 1922

Aug. 17, 1922—LOT 16 BLK 12 Crocker Amazon Tract. Crocker Estate Co to A M Samuelson. Aug. 15, 1922

Aug. 16, 1922—W DOLORES 194-4% N Seventeenth N 46-6 th deft to left 96° 9 30' and running SW 104-3% SE 35-64 to a point dist 100 W Dolores and 194-4% N 17th E Parallel with N 17th 100 to beg. Joseph and Marie Cuneo to Joseph Cuneo. Aug. 16, 1922

Aug. 16, 1922—E ELEVENTH AVE 152 N Caballo N 25xE 120. Wm W Macill to The Department to Public Works. July 29, 1922

Aug. 16, 1922—E CHARTER OAK Ave 58 N Charter Oak Ave N 25xE 100 th 15-7 to N Silver Ave SW along Silver Ave 16-11 W 86 to E Charter Oak Ave and pt of beg. Alma M Mahan to Martin Smith. Aug. 14, 1922

Aug. 16, 1922—E CHARTER OAK Ave 33 N Silver Ave N 25. Alma Mahan to Martin Smith. Aug. 14, '22

Aug. 16, 1922—E CHARTER OAK Ave 83 N Charter Oak N 25xE 100. Alma Mahan to Martin Smith. July 29, 1922

Aug. 14, 1922—S MAGELLAN AVE dist NE along S Magellan Ave, 433.76 from NE Cor. Lot 41 Blk 2, Forest Hill run SE par 1 to E line Lot 41, 101.487 NE 50 NW 100.051 to a pt on S Magellan Ave, 8 W along S Magellan Ave 50.777 to beg. C H Murphy to Elmer Carlson. Aug. 11, 1922

Aug. 12, 1922—E THIRTY-FOURTH Ave 125 and 150 E Anza E 120S 25. John Harder to whom it may concern. Aug. 12, 1922

Aug. 12, 1922—LOT 75X100 on N line Fulton 27-6 W 15th Ave. Arthur Stevens to whom it may concern. Aug. 12, 1922

Aug. 15, 1922—S TWENTY-EIGHTH 151-8 E Dolores E 25-S 8S 114. John Trator to Costello Bros. Aug. 15, 1922

Aug. 15, 1922—LOT 7-682-6 ON N Geary 30 W from W Leavenworth, Fred L. Larsen to Hussion Concrete Co. Aug. 15, 1922

Aug. 15, 1922—LOTS 20 AND 21 BLK 10, St. Francis Wood. Arnold Haase to Monson Bros. Aug. 15, 1922

Aug. 15, 1922—W TWENTY-THIRD 200 N Anza W 120S 25. A H Korn to Ed Zinkard & Sons. Aug. 14, 1922

Aug. 15, 1922—N CALIFORNIA 193-1% E Octavia E 34-1% 137-6. Geo W Minor to Chas Schwarz. Aug. 14, 1922

Aug. 15, 1922—W EIGHTEENTH Ave 125 S Lake W 120S 25. John F Mullane to O K Holt. Aug. 12, 1922

Aug. 14, 1922—W STEINER 87-6 N Oak 55X100, Edla Sachan to L Hebauer. April 1, 1922

Aug. 14, 1922—N Anza 115 W 44th Ave. Geo P Devlin to Eleyer Bros. Aug. 12, 1922

Aug. 14, 1922—S McALLISTER 78 E Webster E 59-6X8 137-6. A G and J Senick to Emil Hogberg. Aug. 10, 1922

Aug. 14, 1922—NW PARTS 150 SW Italy SW 50SX100. J W Wright & Sons Invest Co to whom it may concern. Aug. 4, 1922

Aug. 10, 1922—SE VALENCIA AND Sparrow S 50XE 100. J C O'Connor Jr. (as J C O'Connor Co) to J F Barrett and H H Hilp. Aug. 1, 1922

Aug. 10, 1922—SE GEARY AND Twenty-ninth Ave E 32-6X8 100. John C. Thomas to whom it may concern. Aug. 7, 1922

Aug. 10, 1922—W TWENTY-THIRD Ave 25 N Fulton N 25XW 107-6. Nicholas Hennings to whom it may concern. Aug. 10, 1922

Aug. 10, 1922—W NINTH AVE 125 N California. Chas P Murphy to Meyer Bros. Aug. 7, 1922

Aug. 11, 1922—W FORTY-FOURTH Ave 25, 30, 75, 100, 125 and 150 N Anza. Meyer Bros to whom it may concern. Aug. 11, 1922

Aug. 11, 1922—SE HAMPSHIRE & Twenty-fifth. Adolf L Both and Margaretta D Both to Thomas M Jones. Aug. 11, 1922

Aug. 11, 1922—W TWENTY-FIFTH AVE 257-6 N Irving N 37-6XW 120. Nathan Adams to Geo Randolph Norton. Aug. 7, 1922

Aug. 11, 1922—LOT 7 BLK 3136, Westwood Park. Hans and Esther E Nelson to whom it may concern. July 27, 1922

Aug. 11, 1922—F POWELL 68-6 N Bush N 69XE 67-6. Edward Beck to Berger Mfg Co. Aug. 10, 1922

Aug. 11, 1922—E POWELL 68-6 N Bush N 69XE 67-6. Edward Beck to Berger Mfg Co. Aug. 7, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Aug. 15, 1922—S CLEMENT 82-6 W Second Ave W 25S 8 100. Marshall & Stearns Co vs James H Heney, Catherine Heney and G Moriconi. \$30

Aug. 12, 1922—S CLEMENT 82-6 W Second Ave 21-95X8 100. P E Depauli, \$90; Philip Tabacco, \$542.10 vs James H & Katherine E Heney

Aug. 15, 1922—NE JOOST AVE AND Genesee N 50XE 100 Lots 7 and 8 Plr 8, Sunnyside R O'Connell vs H L Walpuk. \$160.91

Aug. 15, 1922—N CLEMENTINA AND Eighth NW 34 NE paral with NW Clementina 31 NW 21 NE 9 NW 9-8 NE 81 SE 64-8 to NW Clementina SW 121 to beg. Joseph Beck vs Bothin Real Estate Co. \$203.50

Aug. 15, 1922—LOT 16 BLK "N" Park Lane Tract Co. 6. C W Boulware vs A H Humphrey and Myrtle P Humphrey. \$316.58

Aug. 15, 1922—S CLAY 151-3 W Scott W 25X8 127-84. L P Thompson (Thompson Floor Co) vs Leona I. and Harry Barush and H C Lewis. \$421

Aug. 11, 1922—SW CASTRO AND Twenty-ninth No. 601 29th. John A Schalach vs Dutton, Hansen & Carlson and Edw Fahey. \$177

Aug. 15, 1922—S CLAY 1469. Gift Map No. 3. The Greater City Lumber Co, S Steinberg and W B Jefferson vs Margaret Ford and R Grigg. \$44.70

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Aug. 11, 1922—N. BALBOA 95 W. Fifth Ave. W. 25 x N. 100. John H. Tripp vs Pearl Lubarsky. \$26

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am't
3475	Cruska	Owner	1500
3476	Boucha	Moore	5000
3477	Olin	Dickie	6000
3478	Francisco	Owner	3200
3479	Gough	Owner	2000
3480	Viezich	Owner	3500
3481	Realty	Cook	1000
3482	Costa	Costa	2500
3483	Claremont	Brunfield	1400
3484	Hufschmidt	Owner	7000
3485	Same	Same	5000
3486	Same	Same	3500
3487	Latter Day	Mortensen	30000
3488	Barba	Owner	2000
3489	Harding	Rankin	9500
3490	Jackson	Owner	2462
3491	Mier	Owner	1500
3492	Safranen	Owner	2450
3493	Norogrove	Owner	4750
3494	Stahl	Marquis	5000
3495	Motzer	Owner	3500
3496	Pearse	Owner	2600
3497	Firby	Perrett	3400
3498	Romle	Wilson	10000
3499	Stutt	Engler	11000
3500	Motto	Leonardo	4000
3501	Nichols	Owner	3500
3502	Lyman	Smith	1750
3503	Lyman	Smith	1750
3504	Kelly	Kelly	7500
3505	Skaags	Owner	3500
3506	Schreiner	Lydkins	4500
3507	Cossella	Blackman	3500
3508	Arnsden	Owner	3000
3509	Augustine	Sutcliffe	1000
3510	Dashill	Owner	3000
3511	Ulrick	Warner	4000
3512	Bonacelly	Howell	3500
3513	IFrang	Owner	6000
3514	Fox	Fox	2200
3515	Hansson	Owner	4400
3516	Reister	Braxler	2500
3517	Olson	Texdahl	5250
3518	Richter	Moyle	4750
3519	Andree	Owner	3000
3520	Kidd	Pinkerton	9900
3521	Rich	Owner	6000
3522	Goranson	Owner	4950
3523	MacGregor	Owner	21900
3524	Pina	Boga	3000
3525	Harris	Owner	2500
3526	York	MacGregor	3750
3527	Jones	Owner	8000
3528	Sigwald	Owner	2500
3529	Woodburn	Owner	4000
3530	Hughes	Stewart	2000
3531	Coit	Coit	3250
3532	Bonicelli	Howell	3000
3533	Grassi	Owner	2000
3534	Vigelius	Shaw	1600
3535	Standard	Owner	4000
3536	Kelly	Owner	1000
3537	Ransom	Rankin	2743
3538	Vaughn	Home	7684
3539	St. Clements	Conner	2575
3540	Hoyt	S F Owner	1900
3541	Bd of Education	Owner	21650
3542	Mansil	Weber	5650
3543	Berkeley	Owner	1050
3544	Franklin	Owner	3500
3545	Bd of Education	Owner	5157
3546	Burns	Owner	3000
3547	Lucas	Owner	1500
3548	Coates	Owner	1000
3549	Wood	Bullock	6000
3550	Grocers	Kollins	4000
3551	Calif.	Christensen	8000
3552	Baker	Owner	3500
3553	Gallaghan	Rose	7500
3554	Estell	Sieman	4000

3555	Asso. Oil	Owner	2000
3556	Katz	Calif.	16000
3557	Voren	Bishop	13000
3558	McDonald	Malley	17000
3559	Roe	Frostholm	31000
3560	Ed of Education	Owner	2800
3561	Tanner	Owner	2000
3562	Church	Ahnfeld	3600
3563	Bd. of Education	Owner	1550
3564	Same	Same	3900
3565	Schloutner	Graff	5000
3566	Atkinson	McWerthby	12000
3567	Moller	Kulchar	1500
3568	Williams	Owner	3500
3569	Garber	McCullough	1500
3570	Coffee	Johnson	4000
3571	Hillen	Owner	3500
3572	McCord	Owner	2800
3573	Hillen	Owner	4000
3574	Cort	Rolt	3250
3575	Peters	Critchett	3800
3576	Hillen	Owner	3500
3577	Gaffney	Anderson	2500
3578	McCord	Owner	2800
3579	Dunn	Sprague	3000
3580	Hansen	Petersen	3800
3581	McCord	Owner	2800
3582	Dunn	Sprague	6000
3583	Kulchar	Owner	1000
3584	Hillen	Owner	3500
3585	Casberg	Walters	4000

DWELLING
(3475) SE C AND JONES STS., Oakland. One-story 4-room dwelling.
Owner—Manuel Cruska, Bacon Bldg., Oakland.
Architect—None.
Day's work \$1600

DWELLINGS
(3476) E FRUITVALE AVE. opp. Tiffin Road, Oakland. Two one-story 5-room dwellings.
Owner—Edith S. Bouchad, 5815 College Ave., Oakland.
Architect—None.
Contractor—James Moore, 1121 7th Ave., Oakland. \$2500 each

DWELLINGS
(3477) SE FIFTY-FIRST AVE. AND Bond St. and E 51st Ave 74 S Bond, Oakland. Two one-story 5-room dwellings.
Owner—E. W. Olin, 349 E-15th St., Oakland.
Architect—None.
Contractor—Walter B. Dickie, 1349 Madison St., Oakland. \$3000 each

DWELLING
(3478) NW FIFTY-FIFTH AND FAIRfax Aves., Oakland. One-story 5-room dwelling.
Owner—E. O. Francis, 3940 E-14th St., Oakland.
Architect—None. \$3200

DWELLING
(3479) E 104TH AVE 50 N Walnut Oakland. One-story 5-room dwlg.
Owner—R. Gough, 1235 E-15th St., Oakland.
Architect—None. \$2000

DWELLING
(3480) E PERALTA AVE 130 S Brookdale. One-story 5-room dwelling.
Owner—August Vlezich, 2926 Peralta Ave., Oakland.
Architect—None. \$3500

ALTERATIONS
(3481) SYNDICATE BLDG., Oakland. Alterations.
Owner—Realty Syndicate Co.
Architect—None.
Contractor—Ray Cook Marble Co., Ft Powell St., Oakland. \$1000

DWELLING
(3482) W SEVENTY-FIRST AVE 200 S Spencer, Oakland. One-story 5-room dwelling.
Owner—Earnest Costa, 1069 71st Ave., Oakland.
Architect—None.
Contractor—M. Costa, 1069 71st Ave., Oakland. \$2500

MARQUEE
(3483) NC. 5110 TELEGRAPH AVE Oakland, Marquee.
Owner—Champion Theatre.
Architect—None.
Contractor—Bramfield Elec. Sign Co., 18 7th St., San Francisco. \$100

(3484) E FLEET ROAD 35 and 75 S Fleet Road, Oakland. Two one-story 5-room dwellings.
Owner—Hufschmidt & Anderson, Federal Bldg., Oakland.
Architect—None. \$200 each

DWELLING
(3485) S FLEET ROAD 100 E Fleet Road, Oakland. One-story 5-room dwelling.
Owner—Hufschmidt & Anderson, Federal Bldg., Oakland.
Architect—None. \$2500

DWELLING
(3486) SE FLEET ROAD AND FLEET Road, Oakland. One-story 5-room dwelling.
Owner—Hufschmidt & Anderson, Federal Bldg., Oakland.
Architect—None. \$2500

CHURCH
(3487) NW MOSS AVE & WEBSTER, Oakland. Two-story church.
Owner—Latter Day Saints.
Architect—Clay N. Burrell, American Bank Bldg., Oakland.
Contractor—Henry Mortensen. \$30,000

DWELLING
(3488) W PINEHAVEN ROAD at Park Way, Oakland. One-story 5-room dwelling.
Owner—Jas. J. Barba.
Architect—None. \$2000

FLATS
(3489) SE PRINCE AND ERIE, Oakland. Two-story 8-room flats.
Owner—J. C. Harding, 739 Wesley Ave., Oakland.
Architect—Schirmer Bugbee & Co., Thayer Bldg., Oakland.
Contractor—S. G. Rankin, 912 Hamilton Road, Oakland. \$9500

DWELLING
(3490) E SIXTY-EIGHTH AVE 100 N Hamilton, Oakland. One-story 4-room dwelling.
Owner—C. A. Jackson, 1118 68th Ave., Oakland.
Architect—None. \$2100

ALTERATIONS
(3491) S TWELFFH 30 W Campbell Oakland. Alterations and additions.
Owner—Gus Mier, 1675 12th St., Oakland.
Architect—None.
Day's work. \$1500

DWELLING
(3492) 1136 Addison, Berkeley. One-story 5-room dwelling.
Owner—Oscar Sairanen, 1142 Addison, Berkeley.
Architect—None. \$2450

DWELLING
(3493) 1622 Beverley Place, Berkeley. One-story 6-room dwelling.
Owner—Norgrove & Eckley, 2220 Roosevelt Ave., Berkeley.
Architect—None. \$4750

DWELLING
(3494) 721 Contra Costa Road, Berkeley. One-story 6-room dwelling.
Owner—S. S. Stahl, 2045 Shattuck Ave., Berkeley.
Architect—None.
Contractor—P. E. Marquis, 2045 Shattuck Ave., Berkeley. \$5000

DWELLING
(3495) 1540 Dwight Way, Berkeley. One-story 6-room dwelling.
Owner—Joseph Motzer, 1707 Parker St., Berkeley.
Architect—None. \$3500

DWELLING
(3496) 2415 McGee, Berkeley. One-story 5-room dwelling.
Owner—Joseph Pearce, 2419 McGee, Berkeley.
Architect—None. \$2600

DWELLING
(3497) 1600 Sonoma, Berkeley. One-story 5-room dwelling.
Owner—Thos. W. Firby, 158 Cavour St., Oakland.
Architect—None.
Contractor—R. Perrett, 1126 Fresno, Berkeley. \$3400

TORRES
(3498) 2362 - 64 - 66 - 70 - 72 - 74 Telegraph Ave., Berkeley. One-story 6-room class C stores.
Owner—F. F. Romie, 418 Newton Ave., Oakland.
Architect—Hutchinson & Mills, 1512 Broadway, Oakland.
Contractor—Leslie A. Wilson, 2216 Blake St., Berkeley. \$10,000

DWELLING
(3499) 2500 Warring, Berkeley. Two-story 10-room dwelling.
Owner—Robert W. C. Stutt.
Architect—None.
Contractor—Louis Engler, 2940 Forest Ave., Berkeley. \$11,000

DWELLING
(3500) E AUSEON AVE. 10 N. OLIVE, Oakland. One-story 6-room dwelling.
Owner—Manuel Motto, 1025 88th Ave., Oakland.
Architect—None.
Contractor—F. G. Leonardo, 2323 Aulsebrook Ave., Oakland. \$4000

DWELLING
(3501) W. BENEVIDES ST. 450 N. El Centro, Oakland. One-story 4-room dwelling.
Owner—C. K. Nichols, 1528 Franklin St., Oakland.
Architect—None. \$3500

DWELLING
(3502) W. EIGHTY-FIRST AVE. 407 N. E-14th St., Oakland. One-story 3-room dwelling.
Owner—F. J. Lyman, 3751 Broadway, Oakland.
Architect—None.
Contractor—R. A. Smith, 3145 Adeline St., Oakland. \$1750

DWELLING
(3503) E. EIGHTY-SECOND AVE. 298 S. Olive St., Oakland. One-story 3-room dwelling.
Owner—F. J. Lyman, 3751 Broadway, Oakland.
Architect—None.
Contractor—R. A. Smith, 3145 Adeline, Oakland. \$1750

FLATS
(3504) S FIFTY-THIRD ST. 270 E. Grove St., Oakland. Two-story 12-room flats.
Owner—Gertrude W. Kelly, 677 53rd St., Oakland.
Architect—None.
Contractor—F. G. Kelly, 677 53rd St., Oakland. \$7500

ALTERATIONS
(3505) 536 FORTY-FOURTH ST., Oakland. Alterations.
Owner—J. H. Skaggs.
Architect—None. \$3500

DWELLING.

(3506) N. E. COR. FORTY-SEVENTH and Market Sts., Oakland. One-story 5-room dwelling.
Owner—J. A. Schreener, 4710 Market St., Oakland.
Architect—None.
Contractor—S. H. Lydsksen, 1329 Vermont St., San Francisco. \$4500

DWELLING.

(3507) E. MAGER 250 N. KANSAS, Oakland. One-story 5-room dwelling.
Owner—A. Cosella, St. Francis Hotel, San Francisco.
Architect—None.
Contractor—E. L. Blackman, 4221 E. 14th St., Oakland. \$3000

DWELLING.

(3508) N. NEVIL ST. 262 E. THIRTY-EIGHTH AVE., Oakland. One-story 5-room dwelling.
Owner—Richmond & Arnsden, 2196 Harrington Ave., Oakland.
Architect—None. \$3000

ALTERATIONS.

(3509) 6911 SHATTUCK AVE., OAKLAND. Alterations.
Owner—A. E. Augustein.
Architect—None.
Contractor—Sutcliffe & Hitchcock, 2902 Chestnut, Oakland. \$1000

DWELLING.

(3510) E. THIRTY-NINTH AVE. 100 N. E. 18th St., Oakland. One-story 5-room dwelling.
Owner—E. L. Dashiell, 1666 67th Ave., Oakland.
Architect—None. \$3000

DWELLINGS.

(3511) E. THIRTY-FIFTH AVE. 250 and 287 N. School, Oakland. Two one-story 4-room dwellings.
Owner—F. E. Ulrick.
Architect—None.
Contractor—S. A. Warner, 1508 41st Ave., Oakland. \$2000 each

DWELLING.

(3512) SW. PORTER ST. BEING ports. lots 20 and 21, Suter Tract. One-story dwelling.
Owner—Peter Bonacelly, Berkeley.
Architect—None.
Contractor—W. L. Howell, 4064 Agua Vista Ave., Oakland.
Filed Aug. 14, '22. Dated July 28, '22.
Frame up 1/4
Plastered 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$3500
Bonds, none; forfeit, none; limit, 75 days. Plans and specifications filed.

DWELLING.

(3513) NO. 3457 THE ALAMEDA, Berkeley. One-story 6-room dwelling.
Owner—H. C. Pirang, 5659 Ocean View Drive, Oakland.
Architect—None. \$6000

DWELLING.

(3514) NO. 1354 HEARST AVE., Berkeley. One-story 5-room dwlg.
Owner—Miss Henrietta T. Fox.
Architect—None.
Contractor—Fox Bros., 1349 Hearst Ave., Berkeley. \$2200

DWELLING.

(3515) NO. 2055 LOS ANGELES, Berkeley. One-story 5-room dwlg.
Owner—Hans A. Hansson, 1749 Grove St., Berkeley.
Architect—None. \$4400

DWELLING.

(3516) NO. 1812 SACRAMENTO, Berkeley. One-story 5-room dwlg.
Owner—Mrs. Heister, 2334 California St., Berkeley.
Architect—None.
Contractor—J. W. Brazier, 1912 Blake St., Berkeley. \$2500

RESTAURANT.

(2517) NO. 2013 SAN PABLO AVE., Berkeley. One-story Class C restaurant.
Owner—Jacob Olson.
Architect—None.
Contractor—C. Texdahl, 5275 Belgrave Place, Oakland. \$5250

DWELLING.

(2518) NO. 1617 TACOMA ST., Berkeley. One-story 5-room dwelling.
Owner—C. J. Richter, 631 Capp St., San Francisco.
Architect—None.
Contractor—J. Moyle, 218 63rd Ave., Oakland. \$1750

DWELLING.

(2519) NO. 2619 YOLO, Berkeley. One-story 6-room dwelling.
Owner—Carl E. Andree, 1512 Curtis St., Berkeley.
Architect—None. \$3000

FLATS.

(3520) NO. 1134 UNIVERSITY AVE., Berkeley. Two-story 12-room flats.
Owner—Clara M. Kidd, San Francisco.
Architect—None.
Contractor—J. A. Pinkerton, 1931 Berryman St., Berkeley. \$9200

DWELLING.

(3521) S. BEACON ST. 300 W. EXCELSIOR, Oakland. One-story 8-room 2-family dwelling.
Owner—James L. Rich, 913 42d St., Oakland.
Architect—None. \$6000

DWELLING.

(3522) N. BROOKLYN 100 W. Park Blvd., Oakland. One-story 6-room dwelling.
Owner—H. Geranson, 3476 Laguna Av., Oakland.
Architect—None. \$1950

DWELLINGS.

(3523) W. BARTLETT, 40, 82, 126, 213, 254 N. Brookdale, Oakland. Six 1-story 6-room dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. \$3650 each

DWELLING.

(3524) W. CHURCH ST. 300 N. Arthur, Oakland. One-story 5-room dwelling.
Owner—H. Pina.
Architect—None.
Contractor—J. M. Boga, San Leandro. \$3000

DWELLING.

(3525) N. GRAY ST. 95 W. HARRINGTON, Oakland. One-story 4-room dwelling.
Owner—A. J. Harris, 1575 36th Ave., Oakland.
Architect—None. \$2500

DWELLING.

(3526) E. HUMBOLDT 150 S. Deering, Oakland. One-story 6-room dwelling.
Owner—A. R. York, 1405 9th Ave., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. \$3750

FLATS.

(3527) N. KEITH AV. 260 W. BROADWAY, Oakland. Two-story 8-room flats.
Owner—Wm. D. Jones, 1700 Brush St., San Francisco.
Architect—None. \$8000

DWELLING.

(3528) N. LYON AV. 82 N. HARRINGTON, Oakland. One-story 4-room dwelling.
Owner—J. W. Sigwald, 3927 Agua Vista, Oakland.
Architect—None. \$2500

DWELLING.

(3529) N. LAKESHORE AV. 300 W. Spring, Oakland. One-story 6-room dwelling.
Owner—P. E. Woodburn, 3965 Greenwood, Oakland.
Architect—None. \$4000

DWELLING.

(3530) E. MIDVALE 200 S. Hopkins, Oakland. One-story 4-room dwlg.
Owner—Alice Hughes, 5920 Telegraph Ave., Oakland.
Architect—None.
Contractor—M. Stewart, 3441 Capp St., Oakland. \$2000

DWELLING.

(3531) W. MARKET 50 N. 40th St., Oakland. One-story 5-room dwlg.
Owner—Cult. Investment Co., 306 14th St., Oakland.
Contractor—Roger Coit, 306 14th St., Oakland. \$3250

DWELLING.

(3532) S. PORTER 200 E. 35th Ave., Oakland. One-story 5-room dwlg.
Owner—Peter Bonacelly, 35th Ave. and Porter St., Oakland.
Architect—None.
Contractor—Wm. L. Howell, 4064 Agua Vista, Oakland. \$3000

DWELLING.

(3533) N. PLYMOUTH AVE 188 E. 94th Ave., Oakland. One-story 5-room dwelling.
Owner—John Grassi, 9420 Plymouth St., Oakland.
Architect—None. \$2000

DWELLING.

(3534) S. REDDING 200 E. Maybelle, Oakland. One-story 3-room dwlg.
Owner—Lena Vigelins.
Architect—None.
Contractor—Shaw & Watson, 1711 Wil-low St., Alameda. \$1600

STATION.

(3535) NE TELEGRAPH AND SIXTY-SIXTH, Oakland. One-story steel service station.
Owner—Standard Oil Co.
Architect—None. \$4000

ALTERATIONS.

(3536) NE WAYNE AND HANOVER, Oakland. Alterations.
Owner—W. J. Kelly, 269 Hanover Ave., Oakland.
Architect—None. \$1000

STEAM HEATING.

(3537) END HAZEL LANE, Piedmont. Steam heating system.
Owner—Miss Ransom and Miss Bridges School, a corporation, premises, Piedmont.
Architect—None.
Contractor—Jas. Rankin & Sons, 590 18th St., Oakland.
Filed Aug. 15, '22. Dated ———
Roughed in 50%
Completed 25%
Usual 35 days 25%
TOTAL COST, \$2743
Bond, \$1400; sureties, Geo. H. Brown and E. H. Stromberg; forfeit, \$20 a day; bonus, \$20 a day; limit, 19 days. Plans and specifications filed.

BUILDING.

(3538) LOTS 15 AND 16 BLK B Map No. 2, Bateman Tract, Berkeley. All work for building.
Owner—C. W. Vaughn, 3057 Hillegass Ave., Berkeley.
Architect—None.
Contractor—Home Constr. Co., 2133 University Ave., Berkeley.
Filed Aug. 15, '22. Dated Aug. 14, '22.
Ready to pour concrete in foundation \$ 500
Roof on 1921
Concrete poured 1921
Plastered 1921
22 days after Balance
TOTAL COST, \$7684
Bond, none. Limit, 90 days. Forfeit, \$10. Plans and specifications, none.

(3-62) NO. 1401 CHANNING WAY
Berkeley. One-story 5-room dwlg
Owner—R. B. Church, 2123 Parker St.
Berkeley.
Architect—None.
Contractor—Harry Ahnfeldt, 2123
Parker St., Berkeley. \$3600

ALTERATIONS
(3763) **PIEDMONT AND FOREST**
Ave., Berkeley. Alterations and
repairs.
Owner—Board of Education, 2133 Alls-
ton Way, Berkeley.
Architect—None. \$1550

REPAIRS
(1564) SAN PABLO AVE AND FRAN-
cisco, Berkeley. Repairs.
Owner: Board of Education, 2133 All-
ston Way, Berkeley.
Architect: None. \$3500

ALTERATIONS
(3545) NE SHATTUCK AND UNIVERSITY Aves., Berkeley. Alterations.
Owner - A Schleuter Co., Berkeley.
Architect - None.
Contractor - Egwin C. Graff, 355 12th St., Oakland. \$5000.

DWELLING
(3566) S ASH MOUNT AVE 150 W
Mandana Blvd., Oakland. One-
story 7-room dwelling.
Owner—H. T. Atkinson.
Architect—None.
Contractor—McWethy & Greenleaf.
1512 Broadway, Oakland \$12,000

REPAIRS.
(3567), NO. 1209-11-13 BROADWAY,
Oakland. Sidewalk repairs.
Owner—Mrs. Annie Moller.
Architect—None.
Contractor—S. Kulehar Co., E-8th St.
and 10th Ave., Oakland. \$1500.

DWELLING
(3568) W CHESTNUT 140 N 30th St.,
Oakland. One-story 5-room dwlg.
Owner — Geo. A. Williams, 3820 Park
Bldg. Oakland.
Architect—None. \$3500

ALTERATIONS
(3569), FISH RANCH ROAD 150 E
Tanglewood Rd, Oakland. Alter
ations.
Owner—Garber Estate, Berkeley.
Architect—None
Contractor—H. McCullough & Son, 1641
Allston Way, Berkeley \$1500

DWELLING
(3570) SW FIFTY-SEVENTH AND
Los Angeles, Oakland. One-story
4-room dwelling and store.
Owner—James Coffee, 3200 Filbert St.
Oakland.
Architect—None.
Contractor—Frank Johnson, 1529 Jack-
son St., Oakland. \$4000

DWELLING -
(3771) W FIFTY-FIFTH AVE 34 N
Princeton, Oakland. One-story 5-
room dwelling.
Owner - R. C. Hillen, 5364 Trask St.,
Oakland.
Architect—None.
Day's work. \$3500

DWELLING
(3572) S FORTUNE WAY 80 E 60th
Ave., Oakland. One-story 4-room
dwelling.
Owner—T. J. McCord, 4741 E-14th St.,
Oakland.
Architect—None. \$2800

DWELLING
(2573) S FOOTHILL BLVD 90 W Fair-
fax, Oakland. One-story 6-room
dwelling.
Owner—R. C. Hillien, 5364 Trask St.,
Oakland.

OUNDRY.
3551) FOOT NINETEENTH AVE.,
Oakland. One-story foundry.
Owner—Calif. Foundries Co.

DWELLING
(3574) W. MARKET 140 N. 40th St., Oakland. One-story 5-room dwlg. Owner—Coit Investment Co., 306 14th St. Oakland.
Architect—None.
Contractor—Roger Coit, 306 14th St. Oakland. \$3250

DWELLING
(3575) E. 197TH AVE. 900 S. E. 14th St., Oakland. One-story 5-room dwlg. Owner—John Peters, 36th Ave. near E. 14th St., Oakland.
Architect—None.
Contractor—Frank Critchett, Oakland Bank Bldg., Oakland. \$3800

DWELLING.
N. REDDING 209 W. MAYBelle, Oakland. One-story 5-room dwelling.
Owner—R. C. Hillen, 5364 Trask St., Oakland.
Architect—None. \$3500

DWELLING.
W. SEVENTY - THIRD AVE. (3577) 200 S. Rudsdale, Oakland. One-story 4-room dwelling.
Owner—Rose O'Kane Gaffney.
Architect—None.
Contractor—A. A. Anderson, 2457 Seenic, Oakland. \$2500

DWELLING.
(3578) E. SIXTIETH AV. 40 S. FORtune Way, Oakland. One-story 4-room dwelling.
Owner—T. J. McLeod, 4741 E. 14th St., Oakland.
Architect—None. \$2800

DWELLING.
(3579) W. SIXTY-FIRST AV. 193 S. E. 14th St., Oakland. One-story 5-room dwelling.
Owner—Dunn & Sprague, Pantage's Bldg., San Francisco.
Architect—None.
Contractor—J. E. Sprague, 2022 Franklin St., Oakland. \$3000

DWELLING.
(3580) N. E. SIXTEENTH ST. 160 E. 29th Ave., Oakland. One-story 5-room dwelling.
Owner—S. Hansen, 1154 36th Ave., Oakland.
Architect—None.
Contractor—J. B. Petersen, 2053 35th Ave., San Francisco. \$3800

DWELLING
(3581) S. E. COR. SIXTIETH AND Fortune Way, Oakland. One-story 4-room dwelling.
Owner—T. J. McCord, 4741 E. 14th St., Oakland.
Architect—None. \$2800

DWELLINGS.
(3582) E. SEMINARY AVE. 209-249 S. E. 11th St., Oakland. Two one-story 5-room dwellings.
Owner—Dunn & Sprague, 3582 Pantages Bldg., Oakland.
Architect—None.
Contractor—J. E. Sprague, 2022 Franklin St., Oakland. \$3000 each

OFFICE
(3583) S. E. COR. E. TENTH ST. AND Park Way, Oakland. Two-story office.
Owner—S. Kulchar Co.
Architect—None. \$1000

DWELLING.
(3584) S. YGNACIO 120 E. COLE ST., Oakland. One-story 5-room dwelling.
Owner—R. C. Hillen, 5364 Trask St., Oakland.
Architect—None. \$3500

DWELLING.
(3585) ST. LOUIS AND DOMINGO STS., behind lot 2 block 7, Map Thousand Oaks, Berkeley. Two-story dwelling.
Owner—Thomas Casberg, Berkeley.
Architect—None.
Contractor—Walters & Grove, Monadnock Bldg., San Francisco.
Filed Aug. 17, '22. Dated Aug. 12, '22.
Before starting \$1000
Roof on 1000
Brown coated 1000
Completed 1000
TOTAL COST NOT OVER, \$4000
Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Aug. 17, 1922—PIEDMONT HIGH School Site, Piedmont. Board of Trustees. Piedmont High School District to Fred Medart Mfg. Co., July 31; Scott Co., July 31; Geo J. Wallace & Co., July 31; Geo J. Wallace & Co., July 31; Stewart Sales Co., July 31; H. J. Christensen, July 31; Berkeley Electrical Co., July 31; Berkeley Electrical Co., July 31; Oug. 17, 1922—PTN FLOA. F. UNdivided Mountain or Hill Land V. D. Peralta, Oakland. P. G. & E. Co. to P. A. Smith Co., Aug. 12, 1922
Aug. 17, 1922—1635 KAINS AVE., Berkeley. Ferdinand V. Liotta to whom it may concern, Aug. 1, 1922
Aug. 16, 1922—LOT 3, BLK 13, THOUsand Oaks Tract, Berkeley. V. A. Marsh to Morse & Hind, Aug. 1, 1922
Aug. 16, 1922—LOT 4, BLK 2, THOUsand Oaks Tract, Berkeley. G. W. Hale to whom it may concern, Aug. 15, 1922
Aug. 16, 1922—N. UNIVERSITY AV. 87-1 E. 10th St. E. 43-55 N. 151-93 W. 44-87 S. 162-62, Berkeley. Geo. Fedderwitz to A. J. McPhee, Aug. 1, 1922
Aug. 15, 1922—SW E-FOURTEENTH and SE Ninth Ave SE 75XSW 100, Oakland. O. W. Johnson to F. Ham, Aug. 15, 1922
Aug. 15, 1922—LOT 2 BLK 20, Lake-shore Highlands, Oakland. W. E. Schirmer to Harry Schwalm, Aug. 15, 1922
Aug. 15, 1922—LOT 20 and Ptn Lot 21, Webster Heights, Oakland. Ralph M. and Emma H. Hunt to whom it may concern, Aug. 11, 1922
Aug. 15, 1922—SE FRANKLIN 398 NE 11th NE 54XSE 150, Oakland. S. G. Hammond, E. F. Creinin, H. H. Crane and Jennie M. Hammond to J. Catucci, Aug. 10, 1922
Aug. 15, 1922—LOCATION NOT Given. Amy W. Freeling to James L. Rich, Aug. 11, 1922
Aug. 15, 1922—PTN LOTS 32 AND 33, BLK B Map Lakeshore Terrace, Oakland. M. E. Ready to A. Fredrick Anderson, Aug. 1, 1922
Aug. 14, 1922—LOT 28, BLOCK 10, May Berkeley Heights, Berkeley. Henry D. Dewell to Joseph S. Burdon, Aug. 12, 1922
Aug. 14, 1922—LOT 28, BLOCK 10, May Berkeley Heights, Berkeley. Henry D. Dewell to Jepsen Bros., Aug. 12, 1922
Aug. 14, 1922—E. OXFORD ST. 70 N. Cedar St. N. 37-6 E. 131-7, Berkeley. T. F. Sherwood to Blucher Bros., Aug. 1, 1922
Aug. 14, 1922—LOT 35, MAP OAK-land Prospect Homestead, Oakland. John H. Goddard to Samuel Moe, Aug. 12, 1922
Aug. 14, 1922—W. MANILA AV. 40 S. W. 49th St. S. W. 41 N. W. 71-50, Oakland. John F. Whalen and Charles M. Carlos to E. M. William-

Aug. 10, 1922—LOT 11 BLK "C" Map East Piedmont Heights Trct., Oakland. Elizabeth S. and A. D. Wrat-ten to A. R. Atteberry, Aug. 5, 1922
Aug. 10, 1922—SHATTUCK & UNI-versity Aves. Berkeley. Southern Pacific Co. to Hutchinson Co., July 20, 1922
Aug. 10, 1922—PTN LOT "O" Map Eucalyptus Hill, Oakland. Hazel D. Peake to A. M. Poulsen, Aug. 5, 1922
Aug. 11, 1922—LOT 10 BLK "F" Hop-kins Terrace Map No. 3, Berkeley. Gastman-Mallet Co. to whom it may concern, Aug. 11, 1922
Aug. 11, 1922—LOT 2, BLK 11, Northbrae Terrace, Bkly. Brooks C. Parker to whom it may concern, Aug. 10, 1922
Aug. 11, 1922—25' Lot 36, 14' Lot 35; 11' Lot 35; 25' Lot 34; 3' Lot 33; 22' Lot 33; 17' Lot 32 Blk 1, on W. Alsecon Ave bet Olive and Birch Sts., Oakland. Louise Hazen to whom it may concern, Aug. 11, 1922
Aug. 11, 1922—LOTS 1, 2 AND 3 BLK "C" Map Foothill Park, Oakland. Mary A. Sohncke to O. R. Johnson, Aug. 3, 1922
Aug. 11, 1922—LOT 5, BLK "E" Map Piedmont Knoll, Oakland. Victor Goyot to whom it may concern, Aug. 11, 1922
Aug. 11, 1922—W. 30 LOT 7 and all Lot 8 Blk "F" Santa Fe Tract, No. 2, Oakland. Maxine E. Butler to A. Lundgren, Aug. 10, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Aug. 16, 1922—S. THIRTY-NINTH 544-3 L. Grove E. 56-1X5 145, Oak-land. B. H. Rider vs. Emelia Julio and Emanuel Julio, \$650
Aug. 16, 1922—S. THIRTY-NINTH 544-3 L. Grove E. 56-1X5 145, Oak-land. F. E. Graw, \$117.41; P. R. Duner and Chas. E. Matheny (Dun-er-Matheny Fash & Door Co.), \$152.40. M. G. and R. J. McGuffin (Fruitvale Electric Co.), \$37 vs. Emelia and Emanuel Julio and B. H. Rider
Aug. 16, 1922—LOT 18 AND 17 Map School House Tract, Berkeley. Hogan Lumber & Mfg. Co. vs. Gio-vanni V. Fernando, Dorothea and Jennie Liotta, \$300
Aug. 14, 1922—SE. SIXTIETH AVE. 190-90 N. E. Foothill Blvd. N. E. 40 S. E. 110, Oakland. G. J. Surryhne vs. William H. and Doris I. Ballentine and H. M. Hicks, \$102

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Aug. 12, 1922—LOT 42 Map Fruit-ville and San Leandro Road Tract, Oakland. C. L. Hartman, \$169.70; George W. Scaddan, \$401.96 to Juanita and O. Lane.

Notice of Non-Responsibility

ALAMEDA COUNTY

Aug. 12, 1922—PT. RIGHT OF WAY C. P. Ry opp. Engineer Station 115 plus 52 N 136 S 396 thence to left 64 thence to left 190 thence on curve to right 86, Southern Pacific Co. as to improvements on property.
Aug. 10, 1922—LOT 102, RESUBDIVI-sion block C. Meek Estate Or-chards, Eden Tp. H. W. Meek Es-tate, Inc., as to improvements on property.
Aug. 10, 1922—Lot 10 AND NE 64 Lot 11, blk. 16, Map Key Route Heights, Oakland. Alameda In-vestment Co. as to improvements on property.

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2,500 and Over Reported

FLAT, 3-room, \$2000; 1417 21st St. Sacramento; owner, Mrs. Fanny Stober, 1417 21st St. Sacramento, contractor, E. W. Brooke, 2312 G St. Sacramento.

DWELL & GARAGE, 1-story 5-room, \$6600; 1340 43rd St. Sacramento; owner, A. G. Nelson, 2030 26th St. Sacramento; contractor, W. P. Clippa, 2560 27th St. Sacramento.

DWELL & GARAGE, 2-story 7-room, \$6000; 1500 T St. Sacramento; owner Dan Petrocchi, 316 N St. Sacramento; contractor, W. R. Saunders, 2514 I St. Sacramento.

DWELLING, 1-story 5-room frame, \$3,000; 2605 27th St. Sacramento; owner, Miss Christine Cornelius, 24th and Q Sts. Sacramento; contractor, P. R. Peterson, 2410 V St. Sacramento.

DWELLING & GARAGE, 2-story 8-room, \$8000, 1222 42 St. Sacramento; owner, J. E. Farrell, 2113 M St. Sacramento; contractor, J. W. Latton, North Sacramento.

DWELLING & GARAGE, 2-story 7-room, \$12,000; 1350 42d St. Sacramento; owner, S. H. McManaway, 1014 P St. Sacramento; contractor, G. E. Harvie, 2212 T St. Sacramento.

FLATS & GARAGE, 2-story frame (2 5-room); 2221 H St. Sacramento; owner, B. K. McEnemy, 1211 1/2 P St. Sacramento; contractor, G. E. Harvie, 2212 T St. Sacramento.

DWELLING, 1-story 5-room, \$4052; 841 42d St. Sacramento; owner, H. E. Crabb, 2208 E St. Sacramento; contractor, Jas. J. Hansdall, 1055 41st St. Sacramento.

DWELLING, \$4500; No. 1021 V St. Sacramento; owner, G. Schaunioff, 2914 10th St. Sacramento; contractor, Thos. B. Hunt, 2926 S St. Sacramento.

FLATS, two-story 3-room, \$2500; No. 1815 P St. Sacramento; owner, Geo. Harmon, Premises; contractor, Menard & Everret, 1484 51st St. Sacramento.

DWELLING, two-story 8-room and garage, \$13,000; No. 3240 H St. Sacramento; owner, C. T. Slawson, 2219 H St. Sacramento; contractor, G. E. Hoop.

DWELLING, one-story 5-room and garage, \$4100; No. 852 42nd St. Sacramento; owner, B. Thomas, 1100 G St. Sacramento; contractor, C. T. Chinson, 2314 D St. Sacramento.

DWELLING, one-story 5-room and garage, \$3000; No. 871 33rd St. Sacramento; owner, F. A. Cuning, 2510 O St. Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Aug. 16, 1922—LOT 6334, Hillcrest, Sacramento. A R Stephens to whom it may concern. Aug. 15, 1922

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

\$2500 and Over Reported

RES. & GARAGE, \$7400; North Edison St. Stockton; owner, Thos. Lewis, 1320 S. San Joaquin St. Stockton.

RESIDENCE, \$4675; lot 2 block 3, The Oaks, Stockton; owner, J. W. Wear, 430 E-Park St. Stockton; contractor, Hertzog & Orcutt, 845 N-California St. Stockton. Limit, 90

working days. Forfeit, none. Plans

Recorded Aug. 10, 1922.

ELECT STORES and remodel building, \$8200; East Market, Stockton; owner, E. E. Harris, 821 N. Van Buren, Stockton.

RESIDENCE, \$—; lots 7 and 9 block 26, east of Center St. Stockton; owner, Rose and Louis Jacobs, 437 E. Fremont St. Stockton; contractor, L. S. Polatz, 428 E. Fremont St. Stockton. Limit, 90 working days from Aug. 19, 1922. Recorded Aug. 14, 1922.

RESIDENCE and garage, \$4950; West Willow St. Stockton; owner, P. P. Dobson, 1055 Vernal Way, Stockton.

LAUNDRY, one-story brick and concrete, \$40,000; S-California St. Stockton; owner, Thrift & Levinson, 427 E-Lafayette St. Stockton; architect, Davis-Heller-Pearce Co., Delta Bldg., Stockton.

RESIDENCE, \$2500; S-Van Buren St. Stockton; owner, Lee Elm Shenng. TWO RESIDENCES, \$2300 each, West North St. Stockton; owner, Hammond & Williams, 26 N-San Joaquin St. Stockton.

OFFICE, \$3500; Fourth St. Stockton; owner, De Be Ganna, 120 E-4th St. Stockton.

HOTEL BLDG., \$56,000; Lots 10 and 12 blk 32, Stockton; owner, G. B. Garibotti, N. Copelli, F. Francesconi & G. B. Puppo, 201 S-California St. Stockton; contractor, H. E. Vickory, 1122 N-Commerce St. Stockton; Filed Aug. 1, 22; dated July 11, 22; limit, 125 days.

RESIDENCE, \$3000; North Central St. Stockton; owner, W. J. Field, 42; Mendocino St. Stockton.

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Aug. 14, 1922 — LOT 6 BLOCK 11, Rosedale Subdivision of Tracy, F. L. Johnson vs. W. B. Wenzlaff, \$65.50

BUILDING CONTRACTS

FRESNO COUNTY.

\$5,000 and Over Reported

FLAT BLDG.
LOTS 13 AND 14 E 1/2 LOT 15 being NW Yale and Moroa Aves., College Addition, Fresno. All work for four-flat building.
Owner—Mamie E. Donlevy.
Architect—Swartz & Ryland, Rowell Bldg., Fresno.
Contractor—Fisher & McNulty, Mattei Bldg., Fresno.
Filed Aug. 15, '22. Dated —
On 1st of each month beginning
September 1, 1922..... 75%
Usual 35 days.....Balance
TOTAL COST, \$16,750
Bond, \$8500. Surety, Massachusetts Bonding Insurance Co. Limit, 100

working days. Forfeit, none. Plans and specifications filed.

RESIDENCE.

LOTS 48 AND 49 BLK 10, College Addition, Fresno. All work for residence and garage.

Owner—C. H. Ingram, Rowell Bldg., Fresno.

Architect—Swartz & Ryland, Rowell Bldg., Fresno.

Contractor—John P. Williams, 2529 Harvey St. Fresno.

On 1st and 15th of each month beginning Sept. 1, 1922..... 75%
Usual 35 days.....Balance

TOTAL COST, \$14,144

Bond, \$1000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 working days. Forfeit, \$10 per day. Plans and specifications filed.

STORES, \$41,500; No. 1403-11 Kern St., Fresno; owner, Abbie Parker; contractor, Howard Dickley, 150 Howard St. Fresno.

BAND STAND, \$16,500; Roeding Park, Fresno; owner, City of Fresno. Court House, Fresno; contractor, A. Allen, 259 Blackstone St. Fresno.

LOCKER and shower rooms in high school, \$18,000; Lucerne Lane, Fresno; owner, City of Fresno. Court House, Fresno; contractor, J. B. Hart, 945 San Pablo, Fresno.

APT. HOUSE, \$18,000; 1585 N. Van Ness Ave., Fresno; owner, M. H. Krieglans, contractor, Nels P. Nelson, 848 Roosevelt Ave. Fresno.

DWELLING, \$10,000; 844 N-Van Ness Ave., Fresno; owner, Geo. Fathy, 2033 Mariposa St. Fresno; contractor, L. R. Cone.

DWELLING, \$9720; No. 641 Pine St., Fresno; owner, Ben Levy, 1036 N-Van Ness St. Fresno; contractor, Valley Constr. Co., Mattei Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY.

Recorded Accepted
Aug. 12, 1922—LOTS 6 TO 10, Fresno Heights Tract Sub No. 1, Fresno. Clarence I. Leininger to whom it may concern.....Aug. 11, 1922
Aug. 12, 1922—LOT 64 J. C. Forkner F. G. Sub No. 1, Fresno. Jas K. Hindes to whom it may concern.....Aug. 11, 1922
Aug. 12, 1922—E 15 FEET LOT 2, all Lot 3, W 5 ft. Lot 4 Blk 25, Arlington Heights Tract, Fresno. Katie Hogle to whom it may concern.....Aug. 9, 1922
Aug. 12, 1922—LOT 29 AND 30 BLK 48, Arlington Heights Trct, Fresno. W. Elsemann to whom it may concern.....Aug. 12, 1922
Aug. 12, 1922—SEC. 32, 12-20 (drainage ditch), Fresno. Sugar Pine Lumber Co to whom it may concern.....Aug. 1, 1922
Aug. 11, 1922—LOTS 3, 4 AND 5 BLK 18, Wilson N-Fresno Tract, Fresno. A. P. Wilson to whom it may concern.....Aug. 8, 1922
Aug. 11, 1922—LOTS 41 AND 42, College Addition, Fresno. Hubert Bryant to whom it may concern.....Aug. 10, 1922
Aug. 10, 1922—LOT 15 E 1/2 OF LOT 16, block 6, Van Ness Heights, Fresno. H. W. Kuhke to whom it may concern.....Aug. 10, 1922

LIENS FILED

FRESNO COUNTY.

Recorded Amount
Aug. 16, 1922—LOT 27 N 1/2 LOT 26, Sycamore Ranch Tract, Fresno. Carl Gustafson and T. Anderson vs E H Ahrcen.....\$540

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Aug. 16, 1922—LOTS 8 AND 9 BLK 4, Blvd Gardens No. 2, Fresno. Kutner Goldstein vs C. L. Starky.....\$569
 Aug. 11, 1922—LOT 1, Gordondale. H. Scott and L. A. Craig vs C. B. Rogers.....\$32
 Aug. 11, 1922—LOT 5 BLK 7, Alta Vista Tract, Fresno. H. Scott and L. A. Craig vs S. B. Munson.....\$57
 Aug. 11, 1922—LOT 1, Gordondale. Swastika Lumber Co vs C. P. Rogers.....\$324
 Aug. 11, 1922—LOTS 1 AND 2 BLK 6, Orchard Hill Addition, Fresno. Rout Lumber Co vs M. J. Starkey.....\$64

BUILDING CONTRACTS

SANTA CLARA COUNTY

\$1,000 and Over Reported

WAREHOUSE
BUSH AND SAN FERNANDO STS., San Jose. All work for frame warehouse.
 Owner—Western Pacific Railroad Co., Mills Bldg., San Francisco.
 Architect—None.
 Contractor—W. R. Lomax, San Jose.
 Filed Aug. 10, '22. Dated Aug. 7, '22.
 As work progresses.....75%
 Usual 35 days.....25%
TOTAL COST, \$7350
 Bond, \$2750. Surety, United States Fidelity & Guaranty Co. Limit, 30 days from August 7, 1922. Forfeit, none. Plans and specifications filed.

DWELLING
HANCHETT RESIDENCE PARK, San Jose. All work for one-story 6-room frame dwelling.
 Owner—Wm. G. Pengilly, 105 Singletery Ave., San Jose.
 Architect—Herman Krause, Bank of San Jose Bldg., San Jose.
 Contractor—E. J. Smith, 33 Echelle Ave., San Jose.
 Filed Aug. 11, '22. Dated Aug. 11, '22.
 Frame completed.....\$1185
 1st coat plaster in and out.....1185
 Notice of completion filed.....1185
 Usual 35 days.....1185
TOTAL COST, \$4719
 Bond, \$2370. Surety, A. L. Hubbard Limit, 90 working days. Forfeit, none. Plans and specifications filed.

DWELLING
LINCOLN PARK, San Jose. All work for one-story frame dwelling.
 Owner—R. J. Wright, Santa Clara Co. Architect—E. G. Finlay, 53 N-First St., San Jose.
 Contractor—Alexander Petrie and Walter Furtwangler, 198 S-22nd St., San Jose.
 Filed Aug. 10, '22. Dated Aug. 10, '22.
 Foundation and roof frames completed.....\$1056.16
 Plastering etc.....1056.16
 Completed and accepted.....1056.16
TOTAL COST, \$3168.50
 Bond, limit, forfeit, none. Plans and specifications filed.

BUILDING
N 3/4 OF LOT 3, BLK 2, RANGE 6 N of base line of City of San Jose. All work for two-story reinforced concrete building.
 Owner—Society of Practical Christianity of San Jose.
 Architect—Binder & Curtis, Binder Bldg. San Jose.
 Contractor—Frank T. Edmans, 143 N. 8th St., San Jose.
 Filed Aug. 14, '22. Dated Aug. 14, '22.
 As work progresses.....75%
 Usual 35 days.....Balance
TOTAL COST, \$63,750
 Bond, \$31,875. Sureties, Jas. K. Nelson and J. J. Stevenson. Limit, forfeit, none. Plans and specifications filed.

FRAME BLDG.
N FRANKLIN bet. Main and Washington Sts., San Jose. Brick work, iron work, lumber, nails, roofing, mill work, wiring, hardware, plumbing, tinning, plastering, painting, etc., for one-story brick and frame building.
 Owner—J. E. Auzaerais, San Jose.
 Architect—Wolfe & Higgins, Auzaerais Bldg., San Jose.
 Contractor—Morrison Bros., Santa Clara.
 Filed Aug. 14, '22. Dated Aug. 10, '22.
 As work progresses.....75%
 Usual 35 days.....\$887.75
TOTAL COST, \$3555.00
 Bond, \$1777.50. Sureties, C. A. Morrison and W. F. Hayward. Limit, forfeit, none. Plans and specifications filed.

COTTAGE, 5-room, \$2300; Locust near Grant, San Jose; owner, R. Kameron, 779 Locust St., San Jose; contractor, L. Joiner, 779 Locust St., San Jose.
COTTAGE, 4-room, \$1250; San Fernando and 30th, San Jose; owner, Wm. McCall, 12 Menker St., San Jose.
COTTAGE, 5-room, \$3000; Josefa and Auzaerais, San Jose; owner, Chas. D. Mase; architect, Jerome Garcia, 1052 S. 1st St., San Jose; contractor, Jerome Garcia, 1052 S. 1st St., San Jose.
COTTAGE, 5-room, \$1900; Margaret and 17th, San Jose; owner, Walter Hinds, 48 Lester St., San Jose; architect, Walter Hinds, 48 Lester St., San Jose; contractor, Walter Hinds, 48 Lester St., San Jose.
COTTAGE, 5-room, \$1700; 17th near Taylor, San Jose; owner, J. W. Green, 463 N. 5th St., San Jose.
RESIDENCE, 6-room, \$5000; S. 15th near William, San Jose; owner, Miss H. McCoy; architect, Wolfe & Higgins, Auzaerais Bldg., San Jose; contractor, Clyde Alexander, 127 Viola, San Jose.
WAREHOUSE, alterations, \$2250; San Pedro and S. P. R. R.; owner, Albers Milling Co., San Pedro St., San Jose; contractor, H. C. Jorgensen, 150 Irving St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded.....Accepted
 Aug. 17, 1922—BEGINNING 289 1/2 ft. from intersection W. line 8th St. with N. line Reed St., thence Nly. 45 ft.; thence Wly. 137 1/2 ft.; thence Sly. 45 ft.; thence Ely. 137 1/2. John O. Lannin to Thomas J. Lannin.....Aug. 17, 1922
 Aug. 17, 1922—N. W. CORNER 3rd and Martha Sts., being part of lot 16, in block 58, Cal. A. P. Jensen to A. J. Nielsen.....Aug. 15, 1922
 Aug. 16, 1922—IN WILLOW GLENN School District, 1.85 acre tract bounded N. by land of Weaver; E. by Gramsey; S. by Pine Ave. and W. by land of Dorgan. Chas. H. Bauer to Frank T. Edmans.....Aug. 16, 1922
 Aug. 16, 1922—ON EASTERLY LINE of Lincoln Ave., San Jose, Cal., at S. W. cor. of land of Hobson. Henry C. Jung to Charles S. Collins.....Aug. 16, 1922
 Aug. 14, 1922—SW 50x212 LOT 27, Skidmore Tract No. 1, Santa Clara Co., P. 3 Maps, Page 96, 50 ft. on Settle Ave by 112 ft. depth, San Jose. F. Harold Vining to whom it may concern.....Aug. 11, 1922
 Aug. 11, 1922—PALO ALTO. Geo M. Perine to Fraser & Fraser.....August 5, 1922
 Aug. 10, 1922—SAN JOSE, CAL. Frank M. Santana to Sol. S. Prouty.....Aug. 9, 1922

LIENS FILED

SANTA CLARA COUNTY

Recorded.....Amount
 Aug. 17, 1922—BEING PART OF lots 38 and 39 to 41, Prune Ridge Tract, containing 13.93 acres more or less. Gladding, McBean & Co., a corporation, vs. Ned C. Griffin and Sadie P. Griffin, owners; M. Perino, contractor.....\$315.00
 Aug. 10, 1922—NEAR SANTA CLARA, Cal. Edw. L. Soule, doing business as Edw. L. Soule Co. vs. S. George E. Patton, Nellie Patton, Frank Hoyt and The Homer Knowles Pottery Co.....\$366.36

BUILDING CONTRACTS

SAN MATEO COUNTY

COTTAGE & GARAGE.
LOT 31, BLK. 4, Burlingame Grove, Burlingame, Calif. All work for one-story cottage and garage.
 Owner—Alfred Nielsen, Burlingame, Cal.
 Architect—None.
 Contractor—Thomas N. Gesso, 1105 Grove St., Burlingame, Cal.
 Filed Aug. 10, '22. Dated July 24, '22.
 Frame up.....\$975
 Plastered.....975
 Completed.....975
 Usual 35 days.....975
TOTAL COST, \$3900
 Bond, none; sureties, none; forfeit, none; limit, on or before Oct. 1, 1922.

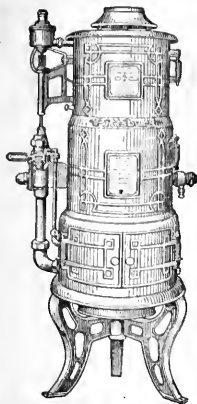
BUNGALOW.
SAN CARLOS, Calif. All work on one-story bungalow.
 Owner—Ben De Frece.
 Architect—None.
 Contractor—Ben C. Zimmerman, 797 Arguello, Redwood City, Cal.
 Filed Aug. 9, 1922.
 Sheathed.....\$1059
 Plastered.....1059
 Completed.....1059
 Usual 35 days.....1059
TOTAL COST, \$4236
 Plans and specifications filed.

BUNGALOW
LOCATION NOT GIVEN. All work for one-story bungalow.
 Owner—Mr. and Mrs. J. J. Dunnison, San Mateo.
 Architect—None.
 Contractor—E. S. Shaver, 838 Highland, San Mateo.
 Filed Aug. 11, '22. Dated Aug. 10, '22.
 Roofed.....
 Plastered.....
 Finished.....
 Usual 35 days.....
TOTAL COST, \$3820
 Limit, 60 week days.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded.....Amount
 Aug. 12, 1922—NORTHERLY PART of lot 232, Sub. 3, San Mateo Park, San Mateo, Cal. Ludwig Ubbe to whom it may concern.....Aug. 7, 1922
 Aug. 11, 1922—LOT 23, BLK. 3, Burlingame Park No. 4, Burlingame, Cal. John W. Rutherdale to whom it may concern.....Aug. 1, 1922
 Aug. 11, 1922—LOT 3, BLK. 13, Easton Add., Burlingame, Cal. John W. Rutherdale to whom it may concern.....Aug. 1, 1922
 Aug. 11, 1922—LOT 21, BLK. 31, Easton Add., Burlingame, Cal. John W. Rutherdale to whom it may concern.....Aug. 1, 1922



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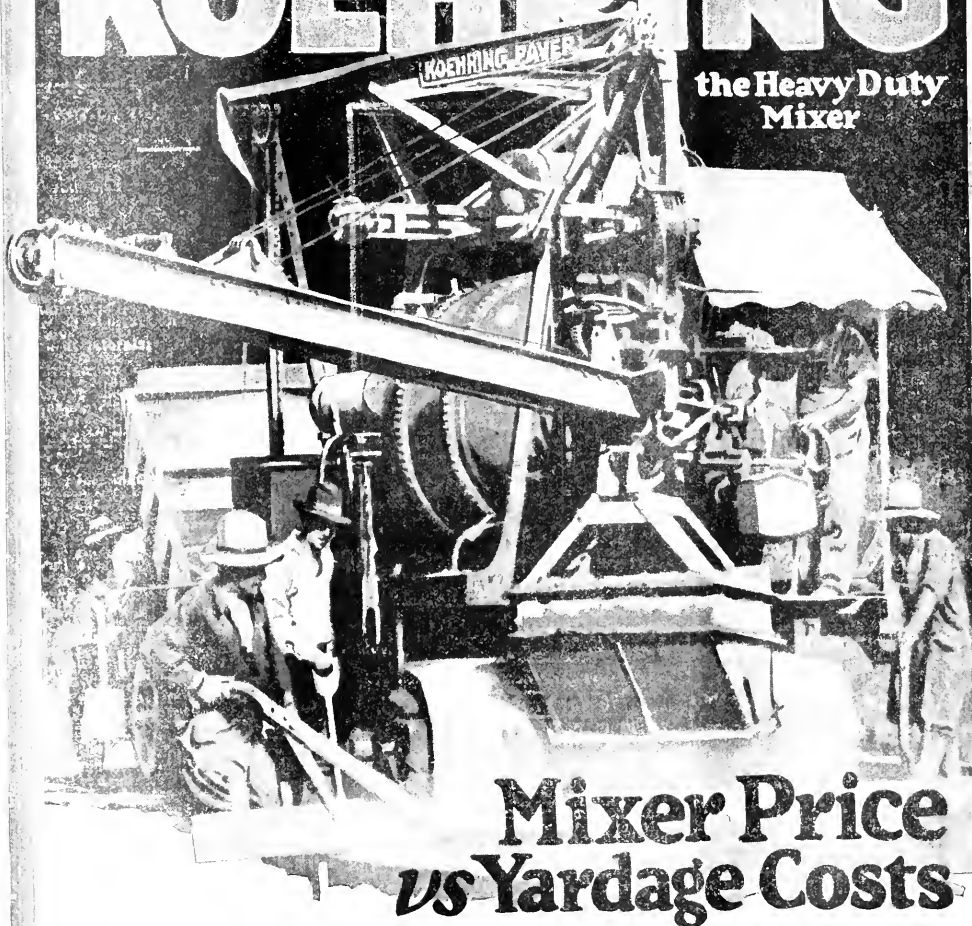
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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., AUGUST 26, 1922

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BILLION FEET OF LUMBER IN SIX MONTHS SHIPPING RECORD

The extraordinary total of a billion board feet of lumber was shipped from Washington state to domestic and foreign markets in the first six months of this year. This is almost three times the total shipments for a corresponding period of 1921. Figures showing the foregoing total are furnished by Pacific Lumber Inspection bureau.

Foreign shipments totaled 340,290,445 feet and domestic shipments, 706,824,055 feet, of a total of 1,041,114,500 feet for the first six months of this year. Foreign shipments last year were 126,980,581 for the corresponding period; 297,610,131 feet were sent to domestic markets, bringing the total from January to the end of June in 1921 to 424,590,712 feet.

The following markets received Washington lumber:			
Foreign	1921	1922	
Japan	49,676,735	224,822,057	
Australia	12,905,585	39,344,611	
China	30,162,473	37,026,619	
South America	20,907,922	17,987,447	
United Kingdom	5,952,958	8,509,522	
South Africa		3,918,362	
India	848,807	3,109,847	
Cuba	541,702	2,176,235	
Mexico	2,480,709	2,047,741	
Central America		1,817,901	
New Zealand		30,150	
So. Sea Islands	655,118		
	126,980,581	340,290,445	

Domestic—		
California	205,309,519	489,596,188
Atlantic coast	67,360,331	181,046,826
Hawaii	23,843,358	27,642,326
Alaska	1,081,583	2,080,394
Panama	15,360	458,321
	297,610,131	700,824,055

Summary—		
	1921	1922
Foreign	126,980,581	340,290,445
	297,610,131	700,824,055
Grand total	424,590,712	1,041,114,500

2,500,000 Men Engaged in Building Trades, According to Latest Statistics

Acting upon the need for knowledge of the membership in the building trades unions and of the total number of men engaged in these trades in the United States, the Associated General Contractors of America has made an investigation and determined the following figures. The first table shows the average members in good standing in 1922, according to the best available information:

Asbestos Workers, Int'l Ass'n of Heat and Frost Insulators	2,100
Bricklayers, Masons and Plasterers Int'l Union of America	69,999
Bridge and Structural Iron Workers' Int'l Ass'n	16,000
Carpenters and Joiners, United Brotherhood of	312,000
Electrical Workers of America Int'l Brotherhood of	142,000
Elevator Constructors' Int'l Union	3,846
Engineers, Int'l Union of Steam Granite Cutters, Int'l Ass'n of ..	10,250
Hod Carriers, Building and Common Laborers' Int'l Union	46,002
Lather's Int'l Union Wood, wire and Metal	8,001
Marble, Slate and Stone Polishers, Rubbers and Sawyers, Tile and Marble Setters' Helpers, L. A.	1,568
Metal Workers, Int'l Alliance Amalgamated Sheet	24,999
Painters' Decorators and Paperhangers, Brotherhood of	99,274
Plasterers, Operative and Cement Finishers' Int'l Ass'n	24,715
Plumbers and Steam Fitters, United Association of	35,000
United Slate, Tile and Composition Roofers, Lamp and Waterproof Workers' Ass'n	3,000
Stone Cutters' Ass'n, Journeymen	4,602
	\$21,156

Information in regard to the total number of men engaged in the building trades is in an unsatisfactory condition. The following tabulation, based on figures from the 1920 census, shows a total of nearly 2,500,000 men in the building trades:

Brick and Stone Masons	131,257
Carpenters	887,208
Cement Finishers	7,621
Electricians	212,945
Painters, Glaziers and Varnishers (building)	248,394
Paperhangers	18,338
Plumbers	58,249
Plumbers and Gas and Steam Fitters	206,715
Roofers and Slaters	11,378
Stone Cutters	22,096
Structural Iron Workers (building)	18,836
Coppersmiths	5,232
Tinsmiths and Sheet Metal Workers	69,725
Laborers, building, general and not specified	608,075
Total	2,486,069

The difficulty with this table is that it does not include all of the building trades and that it does include numbers of men not engaged in building. In some of the groups, particularly carpenters, plumbers and steam and gas fitters, and electricians, men are included who are employed in shops and not in building construction. The item for electricians is particularly misleading as it includes automobile

electricians, a large variety of men engaged in electrical manufacture and apparently some of the line men. The item of laborers is very unsatisfactory as it includes a class entitled "general and not specified," which means that this group has been used as a dumping ground for all laborers, the exact nature of whose work was not indicated on the census returns.

BIDS ASKED TO COMPLETE SACRAMENTO FILTRATION PLANT

Bids will be considered by the Sacramento City Commissioners on September 7 for the completion of the intake pier, bridge and bridge piers, intake conduits and appurtenances of the Sacramento Filtration project, known as Contract No. 25.

More than a year ago this piece of construction was started by the Coast Construction Company of San Francisco, and was a part of its general work for completing the pumping portion of the plant. This particular piece of work, namely, the completion of the intake conduits, was a very difficult portion and dragged along for nearly a year, during which time the Coast Construction Company developed a plan for completing the intake conduits by a pneumatic tunnel scheme. After driving the tunnels for a distance of about 200 feet a dispute arose between the contractors and the city which ended in arbitration proceedings and the cancellation of the contract. This stopped all work on tunnels.

The work proposed consists in constructing approximately 1000 lin. ft. of twin bore concrete conduit, 5 feet in internal diameter and extending from the present pumping station to the intake pier in the Sacramento river, about 100 feet out from the shore line. The tunnels are approximately 33 feet below the present ground surface and at the present time would be 17 or 18 feet below ground water. In addition to constructing and completing the tunnels there remains to be done a small amount of work to complete the intake pier and also the construction of a bridge pier and bridge abutment and the erection of a steel suspension foot bridge. The materials for the foot bridge are on hand and will be furnished to the contractor. Forms and reinforcing steel for completing the intake pier and the bridge piers are also available.

The work for which bids are now desired involves two propositions: (1) completing the intake conduits along the lines originally planned, that is, completing the conduits of concrete under ground and under water; (2) the construction of these intake conduits by the use of steel siphon pipe, encased in concrete and laid in such a manner that only a very small portion of the pipes extend below ground water, the larger portion being laid at an elevation considerably higher than the present ground water plane.

All construction in connection with the Sacramento Filtration Plant is being carried on under the supervision of Geo. J. Calder, resident engineer for the project.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

PACIFIC COAST BUILDING ACTIVITIES

	July, 1922	July, 1921
Fresno	\$ 270,258	\$ 202,406
Long Beach	538,834	516,790
Los Angeles	\$,064,018	5,455,363
Oakland	1,300,712	1,162,628
Lasadena	987,826	701,247
Sacramento	267,858	193,417
San Diego	717,881	385,128
San Francisco	3,024,036	1,600,240
San Jose	161,940	75,988
Stockton	409,196	365,218
Portland, Ore.	2,290,013	1,446,324
Everett, Wash.	53,204	31,841
Seattle, Wash.	1,559,205	1,277,270
Spokane, Wash.	273,022	180,775
Tacoma, Wash.	275,136	253,881

Construction of a monorail railway between Sierra Madre and Mt. Lowe, through the Big Santa Anita Canyon and across Mt. Wilson, is projected, according to announcement by W. H. Shepherd of Los Angeles, president of the Monorail Transit Co. A single steel rail for the track will be supported on a timber structure, the engine and cars straddling the rail, the load being divided with the center of gravity below the rail. Ford motors will be used for propulsion, and it is claimed will take grades up to 16 per cent. Cost of the road is estimated at about \$3500 a mile.

J. F. Pope, formerly chairman of valuation of the Southern Pacific Company, has been appointed consulting valuation engineer of the company's Pacific System, effective immediately. C. E. B. Welles, Supervisor of land valuation, has been appointed engineer of land valuation with jurisdiction over land valuation work. J. H. Baker, office engineer, valuation department, has been appointed assistant engineer of valuation with jurisdiction over engineering valuation matters. J. Pope, Welles and Baker will continue to make their headquarters in San Francisco.

Moore Shipbuilding and Drydock Co. of Oakland has filed new articles of incorporation and will hereafter be known as the Moore Drydock Co. It is incorporated for \$3,000,000 and its principal place of business will be in Oakland and San Francisco. It will engage in general shipbuilding, repair and salvage work. Among the incorporators are Joseph A. Moore, Ira S. Lillick, L. H. Cromwell, R. S. Shainwald and Theodore Levy.

U. S. Civil Service Commission announces examination will be held Sept. 6 for the positions of technical assistant in sanitary engineering, junior assistant sanitary engineer and assistant sanitary engineer. Position of technical assistant in sanitary engineering pays \$1500 to \$1800; junior assistant sanitary engineer, \$1960, and assistant sanitary engineer, \$2500, \$3000, \$3350 and \$3250 per annum. Apply to offices of commission for Form 1312 stating examination desired.

A. C. Tonnell, Turlock contractor, lost a suit for \$3387.50 in the Superior Court against the Turlock Union High School District. Tonnell was the contractor for laying the foundation for the new school, but before the work was completed it was found that the contract was not in conformity with the law and work was stopped. Tonnell then sued the school board for damages, the suit being started in January, 1920.

Open competitive examinations are announced by the Los Angeles county civil service commission for the following positions in the road department: Senior road construction engineer, salary \$210 to \$225 a month, at 8 a. m., Sept. 15. Bridge construction man (wood and steel), salary \$7 per day, at 8:30 a. m., Sept. 18. Pile driver man, salary \$5.50 to \$6.50 per day, at 8:30 a. m., Sept. 16. Application blanks may be obtained at room 1007 Hall of Records.

W. F. Heffinger and A. A. Tibbe of Oakland, Cal., are conferring with the Nevada City, Cal., Chamber of Commerce regarding the establishment of a plant to extract oil from pine needles. The oil is used in the manufacture of candy, toilet soaps and various medicines, and the needles, after the extraction of oil, are used for filling for mattresses.

To supplement the highway bond issue of 1919, which was insufficient to complete the Fresno county highway system, the Fresno county supervisors have tentatively agreed upon a direct tax levy of near 40 cents to raise \$622,550 for the construction of six roads. The greater portion of these roads will be constructed of 5-inch asphaltic concrete.

"The Exchange Hour" was inaugurated at a recent luncheon of the Sacramento Builders' Exchange. Members have been requested to be in the Exchange headquarters, 1013 Tenth St., daily between 11:30 and 12:30 to keep business engagements. Twenty-eight new members were secured by the Exchange in its recent membership drive.

Sixteen manufacturers of electrical appliances from San Francisco and the Bay District and two large power companies have reserved quarters in the electrical section of the California Industries Exposition, which opens in the San Francisco Municipal Auditorium October 7 to 28.

State Department of Public Works authorized by State Railroad Commission to construct overhead crossing over tracks of the San Francisco and Sacramento Railroad at Denver, So-lano county; estimated cost, \$26,000.

Alameda county supervisors vote appropriation of \$2000 to prepare plans and estimates of cost to construct a tube across Oakland estuary. The plans will be prepared by County Surveyor George A. Posey.

Stockton city council sells \$600,000 city hall bond issue for premium of \$60,556. Proceeds of sale will finance construction of new city hall, plans for which are being completed.

The Associated General Contractors of America estimate that 400,000 new homes will be built this year at an average cost of \$4000.

J. L. Smith, Pioneer Bldg., Seattle, at \$351,298, awarded contract by Seattle Board of Public Works to grade and pave Empire way.

Tracy city trustees will improve West Park street at a cost of \$66,000.

ALONG THE LINE



Stevens & Koon, consulting engineers, Spalding Bldg., Portland, Ore., commissioned by Camas, Wash., city council to prepare reports, plans and specifications and supervise construction of water works improvements. A seven-mile pipe line is included in the project.

Bonds of \$650,000 voted at Napa for municipal water works system. Of the sum voted \$240,000 will purchase works of Napa City Water Co., the balance to finance improvements and extensions and the development of the city's water holdings in Milliken canyon.

Oroville city trustees proposed to purchase the gas and electric systems of the Pacific Gas & Electric Co. The State Railroad Commission will be asked to place a valuation on the properties. A bond issue will finance the purchase.

Nov. 21 is the date set when voters of San Francisco will decide the question of issuing and selling bonds of \$14,000,000—\$12,000,000 for school construction and \$2,000,000 to erect a group of buildings for the Relief Home.

H. S. Gierlich, city engineer of Monrovia, announces a partnership with his brother, O. A. Gierlich, for general engineering practice with offices in the National Bank of Monrovia Bldg., Monrovia.

Charles T. Phillips, consulting engineer, formerly located in Pacific Bldg., has moved to new offices in the Bank of Italy Bldg., 550 Montgomery St., San Francisco.

L. L. Mills, street commissioner of Santa Rosa, recommends the erection of a municipal asphalt plant costing \$50,000. It is probable that bonds will be voted to finance project.

City Manager Charles E. Hewes, Long Beach, recommends to council the installation of a municipal asphalt plant costing \$19,000, to take care of small street jobs.

Architect G. E. Strout has opened an office at 201 Braley Bldg., Pasadena. Mr. Strout comes from Boston, Mass., where he practiced architecture for thirty years.

Since January 1st, the Sacramento City Council has ordered street improvements in excess of \$1,800,000, according to a report of City Engineer Albert Givan.

City trustees of Tracy will call election to vote bonds to construct septic tank, extensions to water mains and purchase fire apparatus.

Edgar Winton has been appointed county surveyor of Merced county to succeed A. E. Cowell, resigned.

Universal Building Code Analyzed

By H. B. PLUMMER, Inspector of Buildings, Portland, Ore.,
In The Constructor

Whether a universal building code for American cities is possible or desirable is rather a broad question. I imagine there are a great many differing opinions on this subject. My own opinion is that it is both possible and desirable, but in so saying, I do not wish to be understood to minimize or overlook the difficulties in the way of such a code. There doubtless are many, I do, however, believe that great benefits will be derived by the preparation of such a code and its enactment into law as far as is possible.

The Manufacturer's Viewpoint

From the standpoint of the manufacturer, a national code is of the utmost importance because if the manufactured product complies with the standard set forth in the code and is approved, this approval should then make it possible to utilize this product anywhere in the country. Under present conditions where different cities have different standards and requirements, the manufacturer is often very much handicapped, and in introducing his material in a city finds that time, money and some times influence are necessary to get the material approved. The mere fact that his material is properly approved in some other city has nothing to do with the case. The preparation of the national code with proper machinery for enforcement for the testing of materials, etc., will remedy this bad condition. Under the present conditions manufacturers sometimes change their product to fit the requirements of different cities. Instead of manufacturing one product for the country as a whole, they are forced to manufacture several. More money is required because of the necessity of keeping on hand stocks of the material manufactured under the differing standards of the various cities and consequently manufacturing is carried on upon a less economic basis. The public suffer because the article costs more money and the increase in cost does not bring any increased benefit to the public.

Other Favorable Reasons

There are many other reasons which can be advanced in favor of a national code. In the preparation of such a code it is possible to have tests of construction and materials made that the single city would be unable to undertake. It is also possible to enlist the services of the best authorities and experts in the country. The setting up of standards for the whole country will be a benefit to the contractors and the building public. It frequently happens that local influence can very easily bring about undesirable changes in the code which was prepared locally. The same arguments that are utilized in getting a change in the code cannot be used with equal effect in connection with the change of a national code. Codes that are purely local in their character frequently get out of date and the administrative officials who are busy with their ordinary duties of administration have little time to investigate and keep thoroughly posted on the latest phases of construction. This can be done on the other hand quite readily if the code is a national code and proper machinery for its preparation and amendment are provided by the National Government.

Objections

Some of the objections that will be raised in connection with such a code will be that no national code can take into consideration all the peculiar local conditions which may exist in a city. Another difficulty that will arise is the fact that the climatic conditions in different parts of the country are very different and a construction that is entirely satisfactory in one part of the country may be, in different climatic conditions, very unsatisfactory. I would, therefore, suggest that the code be divided up into certain climatic districts or zones and that appropriate regulations be suggested for the different districts or zones.

What Code Should Cover

I would say off hand that a universal building code should cover fundamental regulations for buildings. Such a code, as far as the cities go, should only suggest administrative regulations or methods and should cover definitions of building terms and words as used in the code should classify buildings according to construction and should grade buildings according to occupancy. It should set forth minimum regulations for the different classes of construction of buildings; appropriate fire protection regulations; appropriate regulations for the different occupancies of buildings; appropriate safety regulations governing the process of erecting, constructing or tearing down of buildings. The things that a national code could not do would be to establish fire limit districts for the different cities. It should not establish regulations for the use of sidewalks and streets during building operations because of the varying conditions in the different cities. It should not establish the height of buildings unless such height limits were stated as a measure of street width.

Should Have Minimum Requirements

I would not favor at the outset, at least, such a code covering the regulations that are commonly given in housing codes because of the fact that housing codes are such a prolific source of opposition and controversy and I would prefer to see a national code firmly established and working satisfactorily before housing requirements were added to the same. A universal code should be liberal in its general terms and requirements and it should be so enacted that if any community wished to raise the standards set forth in the universal code, they might do so, but it should not be possible for any community to have the requirements more liberal than those set forth in the universal code. It would be a good plan if this code were prepared with liberal minimum requirements and to have an appendix which would contain suggestions for good construction which would be somewhat more severe. Any community then utilizing this universal code would have brought to their attention not only the minimum requirements but a suggested requirement for good sound construction.

Two Methods of Establishing Code

I can say very little about the manner of putting this code into practice because I am not informed as to the possibilities of enactment for such a code. I presume the United States Government could pass a bill establishing such a code and enact the same into law. On the other hand this might not be possible or advisable and it

might be better for the National Government to suggest to the various States that they enact this universal code as a State code which would then in most cases automatically bring it into effect in the different cities of the country. I believe the best thing to do if it is possible, is to enact such a code into a National law giving the various cities a certain period of time in which to combine the National requirements into an amended local code. The country as a whole and the various cities will certainly be benefited by such a code and the sooner it is put into effect the better. The Department of Commerce, which has under-taken the preparation of such a code and has recently sent out a preliminary draft covering dwelling house construction, should be furnished with ample apparatus and equipment and technical force for the investigation of any new matters coming up in building construction, for the making of tests to show the various qualities of materials and for the suggesting from time to time of regulations to cover new construction.

I believe that all modern officials will welcome such a code and such a basis of operation unless such officials are dominated entirely by local selfish interests.

SACRAMENTO ARCHITECTS AND ENGINEERS PERFECT ORGANIZATION

Organization of the Sacramento Architects and Engineers' Club was completed at a recent meeting when a constitution was adopted and permanent officers elected. The club hopes to be settled in its new clubrooms in the Melster Building Sept. 15.

George Adams of the State Architects' office was chosen the club's first president. He has been active in the movement for getting the architects and engineers together and has acted as temporary chairman of the organization. George Calder, engineer in charge of the filtration plant construction, was elected vice-president; J. E. Tempest, assistant city engineer, secretary, and Leonard Starks, treasurer.

The three directors chosen are: R. A. Harold, architect; T. E. Stanton, assistant state highway engineer, and D. E. Godfrey, draftsman in the employ of the state highway commission.

It is announced that 22 men had signed the underwriting agreement for the \$5000 which will be used in fitting up the clubrooms. In return for the money spent the club will get possession of the headquarters for four years without cost. After that time it will have to pay rent. At present the membership roll has been signed by 134 local architects and engineers. A membership of 300 is the aim of the new organization.

Any engineer or architect living within a radius of 50 miles of Sacramento is eligible to membership. As soon as the new headquarters are finished a program of lectures and study classes will be started, along with social activities designed to build up the professions in Sacramento and create a better feeling and higher professional standards among the members. Regular meetings will be held on the first Wednesday of each month.

Building News Section

APARTMENT HOUSES

Contract Awarded.
APARTMENTS. Cost, \$13,000.
OAKLAND, Alameda Co., Cal. E. Harrison Blvd. N. 26th St.
Two-story 16-room apartments.
Owner—Simmonds & Grigsby, 2324 27th Ave., Oakland.
Architect—None.
Contractor—L. C. Walker, 3231 Boston Ave., Oakland.

Contract Awarded.
APARTMENTS. Cost, \$15,500.
OAKLAND, Alameda Co., Cal. W. Kingsley near 37th St.
Two-story 16-room apartments.
Owner—E. W. and F. M. Eckhardt, 263 98th Ave., Oakland.
Architect—None.
Contractor—M. Felix Sommerstrom, 2215 Park Blvd., Oakland.

Contract Awarded.
APARTMENTS. Cost, \$100,000.
SAN FRANCISCO. E. Larkin 87-6 N. Sutter St.
Four-story and basement reinforced concrete (311 apts.).
Owner—Harry W. Warwick, 3191 Washington St., San Francisco.
Architect—None.
Contractor—Harry W. Warwick, 3191 Washington St., San Francisco.

Sub-Figures Being Taken.
APARTMENTS. Cost, \$30,600.
BERKELEY, Alameda Co., Cal. Channing Way.
Two-story frame and plaster (16) apartments, house, 42x120.
Owner—D. E. Bigelow, 2333 Channing Way, Berkeley.

Contract Awarded.
APT. HOUSE. Cost, \$22,495.
SAN FRANCISCO. S. Market W. Noe St.
Three-story frame and plaster apartment house (2 and 3-room apartments and 1 store).
Owner—W. L. Heise.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor—Olsen & Persson, 239 Fell St., San Francisco.
Plumbing to W. E. Trousdale & Co., 1728 Sacramento St., San Francisco, at \$4345.

August 19, 1922
Contract Awarded.
APARTMENTS. Cost, \$42,943.
SAN FRANCISCO. N. Pacific Ave., 137 E. Buchanan.
Three-story and basement frame (3) apartments.
Owner—Mrs. Hugh Johns.
Architect—C. A. Applegarth, Claus Spreckels Bldg., San Francisco.
Contractor—Walters & Grove.

Sub-figures Being Taken.
APARTMENTS. Cost, \$15,000.
SAN JOSE, Santa Clara Co., Cal. 8th and St. James Sts.
Two-story frame and plaster apartments.
Owner—Mrs. Rogers.
Architect—Wolfe & Higgins, Auzeais Bldg., San Jose.

Contractor Taking Sub-figures—To Be Done by Day's Work.
APT. HOUSE. Cost, \$150,000.
SAN FRANCISCO. NE. Green and Baker St.
Six-story and basement Class A stone and concrete apartments.
Owner—Bruce Fair, 1 Drumm St., San Francisco.
Architect—E. E. Young, 251 Kearny St., San Francisco.
Contractor—M. A. Little, 805 Rush St., San Francisco.

Figures to Be Taken in Two Weeks.
TWO APT. HOUSES. Cost, \$100,000.
SAN FRANCISCO. Taylor and Jackson Sts.
Two 2-story frame and plaster apartments (8, 4 and 5-room apartments each).
Owner—Joseph Bauer, Wigwam Theatre, 2555 Mission St., San Francisco.
Architect—H. H. Guterson, 273 Post St., San Francisco.

Plans Being Prepared.
APT. HOUSE. Cost, \$40,000.
SAN FRANCISCO. Near Market St.
26-room frame and plaster apartment house (2 and 3 rooms each).
Owner—Withheld.
Architect—Arthur G. Scholz, Phelan Bldg., San Francisco.

To Be Done by Day's Work.
ALTERATIONS & REMODELING. Cost, \$15,000.
SAN FRANCISCO. S. W. 5th Ave. and Cornwall St.
Alter and remodel six flats into 12 apartments of 2 and 3 rooms each.
Owner—F. F. Entay.
Architect—Arthur G. Scholz, Phelan Bldg., San Francisco.

Contract Awarded.
APARTMENTS. Cost, \$21,000.
OAKLAND. E. 19th St. near Fruitvale Ave.
Three-story frame and plaster apartments (6 apts. 4 rooms each).
Owner—Withheld.
Architect—Clay N. Burrell, 1st Trust Bldg., Oakland.
Contractor—M. S. Sommerstrom, 3145 Champion St., Oakland.

Plans Being Prepared.
APARTMENTS. Cost, \$—
SAN FRANCISCO. Down Town District
Six-story steel frame (2-room) apartments.
Owner—Withheld.
Architect—Frederick W. Quandt, Monadnock Bldg., San Francisco.

Contract Awarded.
APARTMENT. Cost, \$10,980.
ALAMEDA, Alameda Ave.
Two-story 12-room apartment.
Owner—H. C. Bennett, 2267 Alameda Ave., Oakland.
Contractor—M. H. Fish, 1333 Fountain Street.

BANKS

Sub-Contracts Awarded and Work Started.
BANK BLDG.
OAKLAND, Alameda Co., Cal. Broadway near 17th St.
Alterations of 2-story class C stores and 1st building for bank.
Owner—Commercial Trust & Savings Bank.
Architect—Wm. Knowles, Albany Bldg., Oakland.
Concrete Work—Frank B. Moller, 700 Arimo St., Oakland.
Reinforcing Steel—Edw. L. Soule Co., San Francisco.
Structural Steel—Herrick Iron Wks., Oakland.
Ornamental Metal Works—Calif. Art. Metal & Wire Co., San Francisco.
Counters—M. G. West Co., San Francisco.
Vault Doors—Hermann Safe Co., San Francisco.
Plumbing—Charles L. Sturn.
Electrical Work—Spencer Elec. Co., Oakland.

Sub-figures Being Taken.
ALTERATIONS. Cost, \$20,000.
SAN JOSE, Santa Clara Co., Cal. 46 S. 1st St.
Alterations and remodeling interior of bank.

Owner—Security Bank.
Architect—Wolfe & Higgins, Auzeais Bldg., San Jose.

TAFT, Kern Co., Cal.—State Bank of Taft has been incorporated for \$200,000 and proposes to erect modern banking structure at Fifth and North Streets. Directors are Sam Orloff, Joe McDonald, R. H. M. Hawkins, L. N. Fay and Sherman Appel, all of Taft.

BONDS

PASADENA, Cal.—An election will be held Aug. 29 to vote on a \$200,000 bond issue for acquiring land for park and necessary adjuncts in Arroyo Seco.

MENLO PARK, Santa Clara Co., Cal.—Election will be held Sept. 12 by sanitary commissioners to vote bonds to finance extensions to system.

HERMOSA BEACH, Cal.—The \$200,000 sewer bond issue was defeated at a recent election.

BYRON, Contra Costa Co., Cal.—Bonds of \$5,000 voted in Excelsior School District to finance construction of new school.

ANDERSON, Shasta Co., Cal.—Bonds of \$2000 voted in Prairie School District to finance construction of new school.

SAN FRANCISCO—Supervisors set November 21 as date to vote bonds of \$120,000 to finance construction of new schools and additions to standing structures.

SAN FRANCISCO—November 21 is date set by the Supervisors to bond for \$2,000,000 to finance construction of group of fireproof buildings for Relief Home.

MARICOPA, Ariz.—Maricopa Irrigation District will sell \$1,375,000 bonds at its office in Maricopa. Sept. 2. D. H. Smith, Maricopa, is Secretary of the District.

HERMOSA BEACH, Cal.—The \$20,000 bond issue for improving fire apparatus of city carried at recent election. The pier extension, auditorium, sewer system and water system bonds were defeated.

KERMAN, Fresno Co., Cal.—The \$150,000 bond issue of Central Union High School District sold for premium of \$6,208; proceeds of sale to finance construction of new high school. Architect will be selected shortly to prepare necessary plans.

RED BLUFF, Tehama Co., Cal.—Supervisors sell \$50,000 bond issue of Los Molinos School District for premium of \$1,629; proceeds of sale to finance construction of new school.

SANTA CRUZ, Santa Cruz Co., Cal.—Election will be held September 1 in Live Oak School District to vote bonds of \$10,000 to finance construction of a new school. Trustees of the district are: A. M. Foster, C. P. Baird and Mrs. M. V. Keller.

LOS GATOS, Santa Clara Co., Cal.—Sept. 18 is date set by town trustees to decide question of issuing bonds to finance construction of sewer to complete main trunk sewer system.

SACRAMENTO, Cal.—Until Sept. 5, P. M. bids will be received by the Supervisors for the purchase of \$4,000 bond issue of Pacific School District and \$8,000 issue of Riverside School District; proceeds of sales to finance school improvements.

WATSONVILLE, Santa Cruz Co., Cal.—City Board of Aldermen propose to purchase system of Watsonville Water Company, for \$200,000. Funds to be raised through a bond issue. Should satisfactory negotiations be made provision will be made in the bond issue for funds to construct extensions costing in excess of \$50,000. H. E. Kitchen, City Engineer.

MERCED, Merced Co., Cal. Sept. 18 is the date set to vote bonds of \$70,000 to finance extensions to sewer system C. D. Martin, city eng.

MERCED, Merced Co., Cal. Sept. 18 is date set to vote bonds of \$17,500 to improve Bear Creek Park and auto camp sit.

CHURCHES

Figures to Be Taken Shortly.
CHURCH. Cost, \$60,000
LOS ANGELES, Los Angeles Co., Cal. 120 N. Main St.
Two-story and basement church bldg. Owner—Japanese Union Church. Architect—H. M. Patterson, O. T. Johnson Bldg., Los Angeles.

Figures to Be Taken Next Week.
CHURCH BLDGS. Cost, \$ —
OAKLAND, Alameda Co., Cal. Lake shore and Prospect Aves.
1st unit of church buildings, parochial school and convent; three-story and basement reinforced concrete construction.
Owner—Church of Our Lady of Lourdes (Father Keveny, Pastor). Architect—Geo. E. M. McCrea, 323 Pine St., San Francisco.

DUNBA, Tulare Co., Cal.—Until Aug. 28, 5 P. M., bids will be received by H. C. Kinnee, Secretary, Board of Trustees, First Baptist Church, to construct concrete church at the corner of K and Kern streets. Certified check for 10% payable to Clerk of Board of Trustees required. Plans may be had from the Secretary at office of Alta District Lumber Co., Dinuba.

FACTORIES & WAREHOUSES

Contract Awarded.
WAREHOUSE. Cost, \$160,000
ANAHEIM, Orange Co., Cal.
Five-story Class A reinforced concrete warehouse, 44 x 260.
Owner—Arthur Peck, Anaheim Sugar Co.
Architect—None.
Contractor—G. E. Fickett, 638 S. Western Ave., Los Angeles.

General Contract Awarded.
DAIRY PLANT. Cost, \$22,000
BURLINGAME, San Mateo Co., Cal.
San Mateo Dr. and Howard Ave.
One-story reinforced concrete dairy plant.
Owner—Dairy Delivery Co.
Architect—Wm. H. Toepke, 942 Market St., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco.

Contractor Taking Sub-figures.
WAREHOUSE. Cost, \$75,000
OAKLAND, Alameda Co., Cal. E. 14th adjoining Durant Motor Co.
Brick and concrete office and warehouse.
Owner—Star Motor Co. of Cal.
Architect—None.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.

Contract Awarded.
PAPER MILL. Cost, \$300,000 including equipment.
SALEM, Oregon.
Four-story reinforced concrete, 75x50 paper mill (third unit).
Owner—Oregon Pulp & Paper Co.
Architect—Knight & Howell, U. S. Bank Bldg., Portland, Ore.
Contractor—C. Van Patten & Son, Salem, Ore.

General Contract Awarded.
LAUNDRY. Cost, \$115,352
LOS ANGELES, Cal. Slauson Ave. and Main St.
Two-story brick and frame laundry building.
Owner—Peerless Laundry Co., L. A. Architect—Harry L. Pierce, Wright & Callender Bldg., Los Angeles.
Contractor—Herbert M. Baruch, I. W. Hellman Bldg., Los Angeles.

Bids Opened.
CREAMERY. Cost, \$15,931
Petaluma, Sonoma Co., Cal. Western Ave. and Baker St.
One-story reinforced concrete creamery. Owner—Petala Co-operative Creamery Co.
Architect—Trainer Jones, Petaluma Contractor—Ward & Jones, 180 Jessie St., San Francisco.
Other bidders—J. O. Kuykendall, Santa Rosa, \$17,480; Matthes & Gale, San Francisco, \$18,614; Vorensen Construction Co., Petaluma, \$16,996.

Sub-Figures Being Taken—Contracts Awarded.
ALTERATIONS. Cost, \$12,000
SAN FRANCISCO, O. Howard Street.
Alter and add for a furniture manufacturing and warehouse building.
Owner—Wm. Volker & Co., 180 New Montgomery St., San Francisco.
Architect—Willis C. Lowe, Monadnock Bldg., San Francisco.
Elevators awarded to Spencer Elevator Co.
Plumbing to R. Dalziel.

NEVADA CITY, Nevada Co., Cal.—W. F. Heffinger and A. A. Tibbe of Alameda and Oakland are conferring with the Chamber of Commerce regarding the establishment of a factory to extract oil from pine needles. The oil is used in the manufacture of candy, toilet soaps and medicines, and the needles, after the extraction of oil, is used for filling for mattresses.

NATIONAL CITY, Cal.—Jet Oil Refining Co. has started work on a refinery to handle all grades of oil lubricants. California Gypsum Co. also plans large factory to be located on Ocean Front, National City, near site of proposed \$1,000,000 pier.

FLATS

To Be Done by Day's Work.
FLATS. Cost, \$20,000
SAN FRANCISCO, NE. Cornwall and 2nd Ave.
Two-story and basement frame (4) flats.
Owner—M. Lager and Val Franz, 180 Jessie St., San Francisco.
Architect—None.

Contract Awarded.
FLATS. Cost, \$12,000
SAN FRANCISCO, W. 24th Ave. 175 N. California St.
Two-story and basement frame (4) flats.
Owner—C. Filippis, care Architect.
Architect—August G. Headman, Call Bldg., San Francisco.
Contractor—V. Filippis, 180 Jessie St., San Francisco.

To Be Done By Day's Work.
FLATS.
OAKLAND, Alameda Co., Cal. SE. cor. 54th and Shattuck Ave.
Two 2-story 16-room flats.
Owner—A. Nunemacker, 540 66th Ave., Oakland.
Architect—None.

Plans Being Prepared.
FLATS & GARAGE. Cost, \$15,000
SAN FRANCISCO, Vallejo St.
Two-story frame, plaster and brick veneer (2) flats of 5-rooms each, and basement garage.
Owner—Winfield.
Architect—W. F. Milwain, Albany Bldg., Oakland.

Sub-figures Being Taken.
FLATS. Cost, \$14,000
SAN FRANCISCO, 18th Ave. near California.
Two-story 6-room frame and plastered flats.
Owner—Maria Asaro.
Architect—C. O. Clausen, Hearst Bldg.

GARAGES

Contract Awarded.
GARAGE. Cost, \$65,000
LOS ANGELES, Los Angeles Co., Cal. Figueroa St. near Washington.
Two-story and basement garage, 72 by 215.
Owner—J. F. White.
Architect—None.
Contractor—Foss Designing & Bldg. Co., 45 N. Euclid Ave., Pasadena.

Plans Being Figured.
ADDITION. Cost, \$220,000
BERKELEY, Alameda Co., Cal. St. Durant and Shattuck Aves.
One-story reinforced concrete addition to one-story auto sales and garage building.
Owner—Blanche Porter.
Lessee—Ford Agency.
Contractor—James W. Plachek, 2011 Shattuck Ave., Berkeley.

Contract Awarded.
SERVICE STATION. Cost, \$22,000
SAN FRANCISCO, 4th Ave. and Geary St.
One-story and mezzanine reinforced concrete garage and battery service station.
Owner—Jacob Weislein.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5321 Geary St., San Francisco.

Low Bidder Contract to Be Awarded Next Week.
ADDITION. Cost, \$24,485
BERKELEY, Alameda Co., Cal. SE. Durant and Shattuck Ave.
One-story reinforced concrete addition to one-story auto sales and garage bldg.
Owner—Blanche Porter, Lessee Ford Agency.
Architect—James W. Plachek, 2011 Shattuck Ave., Berkeley.
Contractor—Barrett & Hulp, 918 Harrison St., San Francisco.

GOVERNMENT WORK AND SUPPLIES

CHEMAWA, Ore.—Until September 12, 2 P. M., bids will be received by Department of Interior, Office of Indian Affairs, Washington, D. C., to construct brick dormitory building at Chemawa, Ore., for the Salem Indian School. Plans on file at U. S. Indian Warehouse, 701 Battery Street, San Francisco. See call for bids under official proposal section in this issue.

SAN FRANCISCO.—Until September 5, 11 a. m., bids will be received by U. S. Engineer Office, 240 Montgomery Street, under Order No. 3923 for hire if street, scrapers, etc., to be used in building an earth levee across Dunning Channel on the Yuba river east of Marysville. Further information may be had from the local office or from U. S. Engineer, Sub-office, 322 Ochsner Building, Sacramento.

WASHINGTON, D. C.—Following bids received by Bureau of Yards and Docks, Navy Department, under Specification No. 4696 for wire partitions at the Naval Base, San Diego, Cal: Standard Fence Co., 2447 Market St., San Francisco, Cal., \$399; time and material, Berger-Rothge Co., Slauson and Santa Fe Ave., Los Angeles, Cal., \$5326; 60 days.

City Ornamental Iron Works, 2673 N. St. San Diego, Cal., \$5340; 90 days.
Ornamental Wire and Iron Co., 2625 University St., St. Louis, Mo., \$9371; 90 days.

City Wire and Iron Works, 335 N. San Pedro St., Los Angeles, Cal., \$1,735.27; 90 days.
Badger Wire and Iron Works, Cleveland St. and 25th Ave., Milwaukee, Wis., \$5609; 90 days.
F. P. Smith Wire and Iron Works, 2340 Claiborne Ave., Chicago, Ill., \$1,428.9; 90 days.

WASHINGTON, D. C.—Bids will be received by Bureau of Supplies and Accounts, Navy Department, for fuel and del. Puget Sound Navy Yard, under Schedule No. 111, 3000 gals. mixing varnish; under Schedule No. 112, to Eastern and Western Navy Yards, 600 lbs. brass plates. Bids to be opened September 12.

SEATTLE, Wash.—Until Sept. 2, 11 a. m. will be received by Alaskan Engineering Commission, Bell Street Terminal, for fuel and del. under Req. SC 3530, 2 baggage cars, 4-ft. 8½ inch gauge; new or rebuilt; weight, 65,000 to 70,000 pounds; length 65 feet; no platforms; 4-wheeled trucks, 36-inch steel or steel tired wheels; journals 4½x8 or 5x9; draft rigging; draw bars and air brakes; M. C. B. standard.

WASHINGTON, D. C.—Until Aug. 31, 10-30 A. M. bids will be received by the Panama Canal Commission, under Circular No. 229, for furnishing and delivering Balboa (Pacific Port): Zinc Roofing and Lining, Roll Rubber Belting, Telephone, Receivers, Condensers, Resistance and Magnet Wire, Lamp Coria, Switches, Cutouts, Brass Screws, Cocks, Rubber Balls (dust-tank), Walter Closet Pulls, Ice-cream Freezers, Lamp Chimneys, etc.

SAN FRANCISCO, Cal.—Bids were received on Aug. 23 by the superintendent of lighthouses for the construction of three two-story hollow tile dwellings and one hollow tile fog signal building to be erected at Point Vincente, Calif. Bids were taken under advisement.

- (1) 3 dwellings and fog signal station.
(2) 2 dwellings and fog signal station.

	(1)	(2)
O. C. Holt, 150 Jessie St., San Fran.,	\$62,847.00	\$42,931.0
L. C. Mart, Oregon, and Miller Bros., Wash.	65,911.80	47,104.50
Frank Hudson, Wash.	71,134.00	50,825.00
Earlo Condeley, Los Angeles	76,000.00	55,500.00
Walter Slater Co., Inc., Los Angeles	73,000.00	55,800.00
Emile Y. Cykeler	94,425.00	70,789.00

HALLS AND SOCIETY BUILDINGS

Plans Revised—Sub-figures Being Taken.

LODGE BLDG. Cost, \$40,000 to \$50,000
SAN FRANCISCO, N. W. Clay and Grant Ave.

Extensive alterations to 4-story brick lodge bldg., marble work, plumbing, and electrical work.

Owner—Soo Yuen Benevolent Assn.
Architect—Albert Schroeffer, Nevada Bank Bldg., San Francisco.

Bids are solicited for the revised plans.

Contract Awarded.
CONCRETE HOME Cost, \$12,640
GRASS VALLEY, Nevada Co., Cal. Auburn and Bank Sts.

Two-story concrete home.
Owner—Salvation Army, Valencia and McCoppin Sts., San Francisco.

Architect—None.
Contractor—A. H. Burton, Grass Valley, Cal.

Plans Being Figured—Bids Close Aug. 22, 1932, 3 P. M.

CLUB BLDG. Cost, \$75,000
PORTERVILLE, Tulare Co., Cal.

Three-story brick and steel, 110x110 ft. club bldg.

Owner—Porterville Elks' Bldg. Assn., Inc.
Architect—E. J. Kump Co., Rowell Bldg., Fresno, Cal.

Plans may be had from architect or from A. J. Newbury, a member of the Building Committee, 307 Mills St., Porterville.

Sub-figures to be taken first of next week.

UNDERTAKING PARLOR Cost, \$35,000
SAN FRANCISCO, Golden Gate Ave.

Two-story brick undertaking parlor, 68x9x137-6.

Architect—C. O. Clausen, Hearst Bldg.

Contract Awarded.
FIAME HALL BLDG. Cost, \$7000
SAN JOSE, Santa Clara Co., Cal. Cor River and San Fernando Sts.
Frame hall building.
Owner—Holy Family Church.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—Felix Savio, 44 N. River, San Jose.

Separate bids to be taken on plastering, painting, electrical work and fixtures.

Excavating Contract Awarded.
AUDITORIUM. Cost, \$40,000
LOS ANGELES, Los Angeles Co., Cal. Jefferson and Royal Sts.

Class A steel frame and brick Shrine auditorium.

Owner—Al Malalikh Temple of Mystic Shrine.

Architects—John C. Austin, 1125 Baker-Detwiler Bldg., and A. M. Edelman, H. W. Hellman Bldg., assoc. archts; G. Albert Langsburch, San Francisco, consulting archt.

Contractor—L. A. Excavating Co., Douglas Bldg., Los Angeles.

PACIFIC GROVE, Monterey Co., Cal.

The Chamber of Commerce at Pacific Grove is working to obtain a \$100,000 improvement for Asilomar.

A large part of this fund is desired for an auditorium. Asilomar is the national Y. W. C. A. conference grounds at Pacific Grove.

SANTA BARBARA, Santa Barbara Co., Cal.—P. O. E. lodge bld. committee has decided that new lodge structure will cost about \$200,000.

The committee will select an architect at once in order to have constr. under way as soon as possible. The committee members are: Dr. H. L. Spinnery, E. G. Dodge (lodge secretary), Jas. B. Rickard, Jack Heaney, Homer N. Duffey, Tom Sentell and E. G. Dunn.

HOSPITALS

Contract Awarded.
HOSPITAL. Cost, \$375,000
HONOLULU, T. H.

Three-story reinforced concrete hospital.

Owners—Queen's Hospital Assn.
Architect—C. W. Dickey, 2149 Broadway, Oakland.

Contractor—Ingervorsen Constr. Co., Honolulu, T. H.

HOTELS

Plans Being Prepared.
ICEBERG 16 BUNGALOWS. \$500,000
SANTA MONICA, Los Angeles Co., Cal.

Ocean Ave.
306-room hotel building, 425x275, and 16 bungalows.

Owner—Arthur Bard.
Architect—Russell & Alpaugh, 1106 Story Bldg., Los Angeles.

To Be Done by Days Work.
HOTEL, ETC. Cost, \$30,000
LOS ANGELES, Cal. Second and Figueroa Streets.

Three-story Class C brick store and hotel building, 105x125.

Owner—P. Schloss.
Architect—E. C. Wiseman, Pacific Finance Bldg., Los Angeles.

Plans Being Figured.
HOTEL, ETC. \$100,000
TRINITYVILLE, Ore.

Two-story native stone, concrete and stucco theatre, store and hotel building, 112x246 feet.

Owner—Trinityville Hotel Company.
Architect—John V. Bennes, Board of Trade Bldg., Portland, Ore.

WHITTIER, L. A. Co., Cal.—Lawrence B. Burke Co., 325 S. Hill St., has submitted a proposition to Chamber of Commerce to finance a hotel project amounting to \$250,000, part of which would be raised by sale of stock and

the remainder by bonds, which the construction company would take at 90. A committee has been named to work out details.

POWER PLANTS

SAN FRANCISCO—Westinghouse Electric & Manufacturing Co., 1st National Bank Bldg., at \$375,583 awarded contract by the Board of Public Works to furnish and install transformers, switchboards and accessory equipment in Moccasin Creek Power Plant, Hetch Hetchy project. Contract, \$375,583. Propositions accepted as A-1 and D-1.

SAN PEDRO, Cal.—Construction work is under way on city's new power and light substation at Harbor Blvd. and Regan St. It will be 2-stories in T-shape, 167x355 ft., of reinf. concr. construction on 46-ft. sheet piling. Equipment will include 16 4400-volt feeders and 3 33,000-volt feeders, up-right meter switchboard, condenser weighing 11,000 lbs. Cost of bldgs. will be \$65,000. Total, including machinery, \$300,000.

PUBLIC BUILDINGS

Extension of Time on Sacramento State Building.

Plans Being Figured—Bids Close Oct. 3, 12 M. Cost, \$

CLASS A BLDG. SACRAMENTO, Sacramento Co., Cal. Capitol Grounds.

Library Court and Office Bldg.—plumbing, heating system, ventilating system and electrical work for Class A building.

Owner—State of California.
Architect—Weeks & Day, Phelan Bldg., San Francisco; Calif. Fruit Bldg., Sacramento.

Bids are being received separately for the four branches of the work known as "Mechanical Equipment."

Plans may be obtained from the Division of Architecture, State Department of Public Works, Forum Bldg., Sacramento, on a deposit of \$25 each.

VISALIA, Tulare Co., Cal.—City Trustees order estimates prepared to install heating system in City Hall.

STOCKTON, San—Joaquin Co., Cal.—Mayor P. B. Elmer announces that segregated bids will be asked for the construction of the Stockton municipal auditorium for which bonds of \$600,000 have been voted and sold. All contracts, the mayor says, will be awarded at the same time.

SACRAMENTO, Sacramento Co., Cal.—Bids were received as follows on Aug. 22 by George E. McDougall, State architect, chief division of architecture, for the construction of two two-story class "A" buildings, to be known as Buildings 21 and 24, at the Whittier State School in Whittier, Los Angeles county. Bids were for a general contract which includes the following work:

Excavation work, mason work, steel work, carpenter and mill work, glass and glazing, lathing and plastering, sheet metal work and roofing, ornamental iron work, painting work, electrical work, plumbing, sewers and gas, steam heating and fitting. The buildings will have concrete foundations, first-story brick exterior walls, second-story plastered and half-timbered tile roofs, concrete stairways, steel truss columns, fireplace, maple floor in living room.

J. E. Eannister, 903 N. Mariposa Ave., Los Angeles

H. D. Crounce

Clark Bros.

North Pacific Construction Co.

Lawrence D. Burke

B. C. Cronk

Jacobs Construction Co.

J. A. Hill Construction Co.

All bids were taken under advisement.

RESIDENCES

Sub-figures Being Taken.
RESIDENCE. Cost, \$9000
ALAMEDA, Alameda Co., Cal.
Two-story frame and plaster residence.
Owner—A. T. Jordan, Oakland.
Architect—C. W. McCall, Central Bank Bldg., Oakland.

Plans Being Prepared.
RESIDENCE. Cost, \$50,000
LOS ANGELES, Los Angeles Co., Cal.
Lorraine Blvd. and Fifth St.
Two-story residence of 18 rooms.
Owner—Withheld.
Architect—Lyman Farwell, 2908 S. Figueroa St., Los Angeles.

Sub-figures Being Taken.
RESIDENCE. Cost, \$12,000
HOLLISTER, San Benito Co., Cal. 5 miles out.
Two-story frame and plaster residence.
Owner—Hubert A. Schultz.
Architect—Wolfe & Higgins, Auzeraiis Bldg., San Jose.

Contract Awarded.
RES. & GARAGE. Cost, \$13,494
SAN FRANCISCO, 10th Ave. and Anza St.
Two-story frame and plaster residence and garage.
Owner—Inez Flatley.
Architect—Earle J. Osborne, Balboa Bldg., San Francisco.
Contractor—Gimner Carlson, 189 Jessie St., San Francisco.

To Be Done By Day's Work.
RESIDENCES. Cost, \$5000 each
MARYSVILLE, Yuba Co., Cal.
Ten residences.
Owner—C. Raegh, Arbuckle, Colusa Co., Cal.
Architect—None.
Contractor—C. Raegh, Arbuckle, Colusa Co., Cal.

Contractor Taking Sub-Figures.
RESIDENCE. Cost, \$45,860
PIEDMONT, Alameda Co., Cal. No. 4 King Avenue.
Two-story 14-room frame and plaster residence and garage.
Owner—Mrs. J. P. Ghiradelli.
Architect—No. 6.
Contractor—A. Cederborg, 1445 Excelsior Blvd., Piedmont.
All work to be sub-let for this modern residence. Considerable tile work and plumbing.

Contract Awarded.
RESIDENCE. Cost, \$13,000
SAN FRANCISCO, St. Francis' Wood.
Two-story frame and plaster residence.
Owner—J. A. Carlson.
Architect—H. H. Gutterson, 278 Post St., San Francisco.
Contractor—McIntosh Bros., 180 Jessie St., San Francisco.

Contract Awarded.
RESIDENCY. Cost, \$10,000
SAN FRANCISCO, S. E. Baker and Taylor Marina.
Two-story and basement frame residence.
Owner—A. R. Herman.
Architect—W. H. Armistage, 72 New Montgomery St., San Francisco.
Contractor—C. H. Walker, 2174 Union St., San Francisco.

Figures to Be Taken Next Week.
BUNGALOW. Cost, \$8,000
SAN FRANCISCO, Alpine Terrace near Waller St.
Five-room frame and plaster bungalow.
Owner—Withheld.
Architect—Arthur G. Scholz, Phelan Bldg., San Francisco.

Contract Awarded.
RESIDENCE. Cost, \$23,500
ALAMEDA, Farnside Blvd.
Five 1-story 6-room dwellings and garages.
Owner—E. E. Nichol, First National Bank Bldg., San Francisco.
Contractor—J. L. Quish, 1539 Hyde St., San Francisco.

Sub-Figured Being Taken—Contracts Awarded.
RESIDENCE. Cost, \$—
ALAMEDA, Alameda Co., Cal. Lakeshore Highlands.

Two-story frame and plaster residence and garage (7 rooms and 2 bath).
Owner—Willis Lowe.
Architect—Willis Lowe, Monadnock Bldg., San Francisco.
Brick work awarded to White & Gloor.
Electrical work to Severin Elec. Co.
Figures are being taken for other parts of the work and contracts will be awarded soon.

SCHOOLS

Contract Awarded.
ALTERATIONS. Cost, \$—
FRESNO, Fresno Co., Cal.
Alterations and additions to school.
Owner—Parrell School District, A. W. Schultz, Clerk.
Architect—Glass & Butner, Cory Bldg., Fresno.
Contractor—Carl Nelson, 3165 Nevada St., Fresno.

Sub-Figures Being Taken—Bids Close Sept. 20, 1932, 8 P. M.
SCHOOL BLDGS. Cost, \$140,000
SAN GABRIEL, Los Angeles Co., Cal.
Two one-story 8-room and auditorium school buildings.
Owner—San Gabriel School District, A. J. Cuneo, Clerk.
Architect—Arthur W. Angel, H. W. Hellman Bldg., Los Angeles.
Bids will be taken separately on the general contract, heating, plumbing, and plastering. Hollow tile or frame wall, plaster exterior, tile roofing, hardwood and 10 ft. floors. Certified check or bond for 5% required.

Contracts Awarded.
SCHOOL. Cost, \$179,700
OAKLAND, Alameda Co., Cal. Blocks bounded by 26th, 28th, Myrtle and Linden Sts. (Vocational High School).
Two-story brick high school.
Owner—Oakland Board of Education.
Architect—C. W. Dickey, 2149 Broadway, Oakland.

General Contract
R. W. Littlefield, 357 12th St., Oakland, \$179,700.

Brickwork
M. B. McGowan, 180 Jessie St., San Francisco, \$32,987.

Painting
R. Zelinsky, 180 Jessie St., San Francisco, \$9672.

Lathing and Plastering
T. D. Sexton, 351 12th St., Oakland, \$24,950.

Equipment Work
S. Kulchar, 8th Ave. and E. 10th St., Oakland, \$19,500.

Plumbing Work
Scott Co., 243 Minna St., San Francisco, \$23,146.

Heating and Ventilating Work
Scott Co., 243 Minna St., San Francisco, \$23,578.

Electric Work
Newbery Elec. Co., 359 Sutter St., San Francisco, \$46,417, No. 3 \$1071, No. 4 \$496.

Bids will be re-advertised for tile roofing and general equipment.

Plans Complete—Figures to Be Taken Shortly.
SCHOOL. Cost, \$85,000
BERKELEY, Alameda Co., Cal. Corner National and Harold Way.
Two-story reinforced concrete school building.
Owner—Armstrong School for Private Secretaries.
Architect—W. H. Ratcliff, Jr., 1st Nat. Bank Bldg., Berkeley.

Contract Awarded.
HALL. 186x70. Cost, \$337,400
BERKELEY, Alameda Co., Cal. U. of C. Campus.
Two-story basement and attic reinforced concrete hall (Haviland Hall).
Owner—University of California.
Architect—John Galen Howard, 1st National, Bank Bldg., San Francisco.

Contractor—K. E. Parker, Clunie Bldg., San Francisco.

Roofing and Equipment Bids Rejected and to Be Re-advertised.
REPAIRS. Cost, \$—
OAKLAND, Alameda Co., Cal. 26th and Filbert Sts.

Roofing and equipment of the Vocational High School building.
Owner—Board of Education.
Architect—C. W. Dickey, 2149 Broadway, Oakland.
Richmond Roofing Co. bid on tile roofing has been withdrawn; also the bid of S. Kulchar for equipment.

Figures to Be Taken Shortly.
CLIMAXIUM. 27x75. Cost, \$135,000
TULARE, Tulare Co., Cal.
Girls' and boys' gymnasium, mechanical arts building and 6 classrooms.
Owner—Tulare Union High School District.
Architect—Swartz & Ryland, Rowell Bldg., Fresno.

POMINO, Kern Co., Cal.—Until Sept. 1, 11 P. M., bids will be received by F. S. Cooley, Clerk, West Antelope School District, to construct a one-story frame or concrete school. See call for bids under official proposal section in this issue.

FRESNO, Fresno Co., Cal.—Until Sept. 1, 5 P. M., bids will be received by L. L. Smith, Secretary, Board of Education, for furnishing and erecting school bungalows. See call for bids under official proposal section in this issue.

BAKERSFIELD, Kern Co., Cal.—Until Sept. 5, 2:30 P. M., bids will be received by E. R. H. Secretary, Board of Education, to construct first unit of the Roosevelt School. Eugene K. Martin, Bakersfield, Architect. See call for bids under official proposal section in this issue.

CHICO, Butte Co., Cal.—A. G. Atkinson, Construction Engineer of Chico High School, has prepared plans for a shop building. No bids will be taken until plans have been approved by Trustees Chas. H. Camper, Supt. of School.

CAKLAND, Cal.—Following contracts awarded by the Board of Education on the Vocational High School Bldg., 26th and Filbert Sts., Oakland, first plans by Architect C. W. Dickey, 2149 Broadway, Oakland:

General Construction
R. W. Littlefield, Everson Bldg., Oakland \$179,700
Lathing and Plastering
T. E. Sexton, Builders' Exchange, Oakland \$24,950
Tile Roofing
Richmond Tile & Roofing Co., Richmond \$5374
Heating and Ventilating
Scott Co., San Francisco and Oakland \$28,578
Plumbing
Scott Co. \$23,146
Brick Work
M. B. McGowan, Builders' Exchange, San Francisco \$32,987
Painting
R. Zelinsky, San Francisco \$9672
Electric Work
F. F. Newbery Elec. Co., San Francisco and Oakland, \$44,850
Equipment—S. Kulchar.

LOS MOLINAS, Tehama Co., Cal.—R. B. McKenzie, Gerber, Cal., at (1) \$31,625 and (2) \$31,600 submits low bid to construct Los Molinas grammar school. Chester Cole, architect, Vernal-Breslin and Sons, Building, Chico, Other bids: White and Shalz, Chico (1) \$34,500; Hart Construction Co., Gerber, (1) \$35,000; (2) \$34,800. Taken under advertisement until August 25.

HANFORD, Kings Co., Cal.—Until September 11, bids will be received by G. W. Armistead, Clerk, Hanford Joint Union High School District for furnishing 126 sq. yds. or more, Navy Standard Battleship Jacks, 2-in. thick, brown color, laid on felt cemented to floor. Bids to be price per yd.

BIGGS, Butte Co., Cal.—Until Sept. 7, 7:30 P. M. bids will be received by Biggs Union High School District to construct manual training shop. W. H. Weeks, Architect, 369 Pine street, San Francisco. See call for bids under official proposal section in this issue.

ARBUCKLE, Colusa Co., Cal.—H. C. Anderson, Alameda, at \$6428, awarded contract by John's Elementary School District to erect new school. Mannie & Smythe, Colusa, bid \$6700.

"BUILDERS' DAY"

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Santa Cruz County California
SEPTEMBER 2, 3 and 4th.

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\$2,000 in Prizes
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 Geo. Dixon
 J. B. Crowe, Secretary

OAKLAND, Alameda Co., Cal.—Bids were received on Aug. 21 by the Board of Education of the City of Oakland for the construction of a one-story school building with tile roof, to be known as the "Golden Gate Junior High School." It is to be located on Sixty-third Street and San Pablo Avenue. Plans were prepared by C. W. Dickey, 2149 Broadway, Oakland, architect for the Board of Education. All bids were taken under advisement and were as follows:

General Work	
Alfred Olson, 351 12th St., Oak., \$66,538	
(1) \$4998 (2) \$5000	
W. G. Thornally	69,275
(1) \$4200 (2) \$4840	
Mathew Morton	70,597
(1) \$4300 (2) \$4900	
Charles Trow	70,870
(1) \$5142 (2) \$6445	
M. E. Hoffer	70,980
(1) \$480 (2) \$4400	
Beck & Kohn	74,175
(1) \$4500 (2) \$3750.	
F. W. Maurice	75,000
(1) \$4200	
G. P. W. Jensen	76,840
(1) \$460	
M. C. Vaughn	77,000
(1) \$4400 (2) \$4400	
W. Matheson	79,881
(1) \$6298	

Brickwork	
H. Beckwith, 351 12th, Oak., \$16,320	
White & Gloor	19,700
Hock & Hoffmeyer	23,450
H. H. Larsen	24,970
M. E. McGowan	27,600

Lathing and Plastering	
A. Knowles, Call Bldg., S. F., \$5381	
(1) \$995	
Michal Ebinger	5848
(1) \$1083	
George Dixon	6387
(1) 1150	
T. Sexton	7425
(1) \$900	
J. Gienback	9500
(1) 1500	

Plumbing Work	
Scott Co., 331 11th St., Oakland., \$6937	
(1) \$138 (2) \$538	
Carl T. Doell	8275
(1) \$91 (2) \$575	
A. Feldhammer	9000
(1) \$900 (2) \$400	

Heating and Ventilating	
Scott Co., 331 11th St., Oakland., \$11,566	
(1) \$444	
Carl T. Doell	11,974
(1) \$506	
W. H. Picard	12,276
(1) \$638	
W. K. Nottingham	12,868
(1) \$444	

Electrical Work	
Standard Elec. Co., 80 Natoma, San Francisco., \$15,268.40	
(1) \$895 (1) \$115.46	
Turner Company	16,520.00
(1) \$720 (2) \$250	
Newbery Electric Co.	16,875.00
(1) \$1050 (2) \$600	
M. E. Ryan	17,700.00
(1) \$831 (2) \$221	
Roberts Mfg. Co.	18,800.00
(1) \$1420 (2) \$176	
Watts Elec. Co.	19,435.00
(1) \$1350 (2) \$130	

Interior Equipment Work
Schneely & Hostrawser, 6th and Jackson St., Oakland., \$ 8,754
(1) \$5838
S. Kichard
(1) \$5860

CORNING, Tehama Co., Cal.—Until Aug. 28, 3 p. m., bids will be received by Floyd E. Goodrich, vice-president, board of trustees, Corning Union High School District, for furnishing and delivering building materials. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—Until Sept. 11, 4:30 p. m., bids will be received by J. W. Edgemond, secretary, Board of Education, to construct Theodore Roosevelt high school in block bounded by 19th and 20th Aves. and E. 15th and E. 20th Sts. See call for bids under official proposal section in this issue.

BAKERSFIELD, Kern Co., Cal.—C. E. Kutzner, Bakersfield, at \$5995, awarded contract by Kern County Union High School District to construct frame classroom building. Chas. Biggar, Bank of Italy Bldg., Bakersfield, architect. Other bidders, all of Bakersfield, were: Wm. Eissler, \$7200; Fred Gribble, \$7500; C. M. Biddison, \$8,490; Worden Co., \$8921; Curdie & Dulgarg, \$6876.

REEDLEY, Fresno Co., Cal.—Until Sept. 6, 3 p. m., bids will be received by C. J. Jackson, Clerk, Altamont School District to construct two frame lavatory building. Separate bids, same date, to install pneumatic water pressure system in Mt. Olive school. Certified check for 10% payable to Clerk required. Swartz & Tyland, Architects, Rowell Bldg., Fresno. Plans may be had from H. E. Wuerth, Rt. B., Box 38, Reedley.

MARTINEZ, Contra Costa Co., Cal.—Until Sept. 5, 10 A. M., bids will be received by J. M. Reid, Clerk, Alhambra Union High School District, to construct a one-story garage lodge. Certified check for 10% payable to District required. Plans may be had on deposit of \$10 from Clerk at the County Court House, Martinez.

OILDALE, Kern Co., Cal.—Erratt and DeVries, 225 Chester Avenue, Bakersfield, at \$20,556 awarded contract by Standard School District to construct 3-room addition to Standard school. J. M. Saffell, architect, 924 18th street, Bakersfield. F. H. Dequigne, Shafter, California, bid \$23,227 and other bidders all of Bakersfield. Low: H. Eissler, \$21,000; Currie and Dulgarg, \$21,200; T. L. Cummins, \$24,629; C. E. Kutzner, \$21,743; Augusta Zimmerman, \$22,020; L. L. Sorensen, \$22,535; William Eissler, \$21,000.

MADERA, Madera Co., Cal.—Until September 3, bids will be received by M. H. Tyrell, Clerk, Madera School District, for furnishing and delivering 6 teacher's desks 5 pupil's desks No. 1; 10 pupil's desks No. 2; 40 pupil's desks No. 4; 30 pupil's desks No. 5; 5 pupil's desks No. 6; 10 domestic science tables, for two pupils.

BRENTWOOD, Contra Costa Co., Cal.—The Board of Trustees of the Brentwood Grammar School District received the following bids on Aug. 21 for the construction of a one-story frame and plaster school building, to be erected from plans prepared by Architect James T. Narbett, 910 Macdonald Ave., Richmond. The contracts were awarded to the low bidders:

General Contract	
F. W. Maurice (low)	\$34,670
McGinty & Son	35,465
Carl Overaker	37,830
Earle Hibbard	38,800
F. L. Miner	39,595
Walter Murch	39,680
E. M. Sanford	41,260
Scott Co. (S. F. and Oak.), low	\$24,661
J. D. Collins	2470
Carl T. Doell	2772
W. W. Nottingham	2798

A. E. Leitch Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

STORES AND OFFICES

Plans Completed—To be Done by Day's Work.
CAFE BLDG. Cost, \$50,000
LOS ANGELES, Los Angeles Co., Cal.
Washington Blvd. and Sawtelle Rd.
One-story English cafe building, 104x108.

Owner—Club Royale.
Architect—H. J. Knauer, Story Bldg., Los Angeles.

Plans Being Prepared.
SERVICE STATION. Cost, \$2000
SAN FRANCISCO, S. E. cor Geary and First Aves.
Service Station.
Owner—Standard Oil Co., 200 Bush St., San Francisco.
Architect—None.

Sub-figures Being Taken.
STORE BLDG. Cost, \$—
SAN FRANCISCO, First and Natoma Sts.

One-story reinforced concrete store building.
Owner—Walter J. Sullivan.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.

Plans Being Prepared—Figures to Be Taken Shortly.
STORE. Cost, \$6000
OAKLAND, Alameda Co., Cal., 14th St.
One-story hollow tile store.
Owner—Withheld.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Contract Awarded.
3 STORES. Cost, \$20,000
OROVILLE, Butte Co., Cal. Myers Street.
One-story concrete (3) stores, 55x110.
Owner—C. E. Howard.
Architect—Not stated.
Contractor—A. A. Plagge, 604 Montgomery St., Oroville, Cal.

Working Drawings Under Way.
OFFICE & STORE BLDG. Cost, \$420,000
HONOLULU, T. H.
Three-story and basement Class A office and store building. Additional stories to be completed later.
Owner—Castle Cook Steamship Co., Ltd.
Architect—C. W. Dickey, 2149 Broadway, Oakland.

Contracts Awarded to Complete Bldg.
OFFICE BLDG. Cost, \$56,402
SANTA BARBARA, Santa Barbara Co., Cal.

Three-story Class A reinforced concrete newspaper and office bldg.
Owner—Santa Barbara Daily News and Independent, Santa Barbara.
Architect—E. L. Mayberry, 472 Pac. Elec. Bldg., and Geo. Washington Smith, Santa Barbara, associated architects.

General Contractor—Chas. M. Urton, Santa Barbara.
Sub-contracts awarded are: Plumbing and heating to J. G. Morgan, Los Angeles, at \$12,875; electric wiring to Downey Elec. Co., at \$2150; steel sash to Waterhouse—Wilcox Pacific Co., at \$2256; finish hardware to Ott Hardware Co.; sheet metal work to Dugan, Faulding & Crowell, at \$845; vault door to L. C. Brinling; sidewalk elevator to Otis Elevator Co., at \$730.

Contract Awarded.
POSTOFFICE. Cost, \$24,000
NEWMAN, Stanislaus Co., Cal. SE. North, and Tulare Sts.
One-story concrete and plaster post-office, 23x87 ft.
Owner—Peter J. Giovannoni.
Architect—Not stated.
Contractor—Roy Krueger, Gustine, Cal.

Plans Being Figured.
STORE BLDG. Cost, \$100,000
LOS ANGELES, Los Angeles Co., Cal.
Flower St. bet. 5th and 8th.
Two-story and basement brick store building, 147 x 150.
Owner—Mrs. Frances Winstall.
Architect—John M. Cooper, Marsh-Strong Bldg., Los Angeles.

(Continued on Page 14)

Official Proposals

NOTICE TO CONTRACTORS (Grenada Irrigation District)

Sealed bids will be received by the Directors of the Grenada Irrigation District, Siskiyou County, California, at their office in Grenada, California, up to 1:30 o'clock P. M., September 6, 1922, for

1. Re-construction of dam and intake canal on Shasta River, in Northwest quarter of Sec. 6, Twp. 43 N., R. 5 W., S. 1, D. E. & M.
2. Construction of new buildings, re-wiring and installation of priming equipment.
3. Re-construction of irrigation ditches of the district and construction of laterals.
4. Construction and re-construction of irrigation ditch structures in the ditches of the district.

All of the above work being near Grenada, Siskiyou County, California, in Townships 43 and 44, Ranges 6 and 5 W. & M. D. At the time and place named, the bids will be publicly opened and read, and the work will be let to the lowest responsible bidder.

Plans, specifications and form contract can be seen at the office of the District Engineer, Fred H. Tullis, in the Alaska Commercial Bldg., San Francisco.

Full sets may be taken out on the deposit of \$10.00 to insure return. Each bid shall be accompanied by a certified check for not less than 10 per cent of the bid, made payable to the President of the Board of Directors of the Grenada Irrigation District, to be held as security for the execution of the contract by the bidder if the work is awarded to him.

The District reserves the right to award a contract for any or all of the work herein described.

The District reserves the right to reject any and all bids.

By order of the Board of Directors of Grenada Irrigation District.

J. G. HADDOCK,
President.

VICTOR BOVO,
Secretary.

NOTICE TO CONTRACTORS (West Antelope School)

Notice is hereby given that the Board of Trustees of West Antelope School District, Mono, Kern County, California, will invite and receive bids for the furnishing of all labor and material, and for the construction of a one-story frame or concrete building, to be erected on the premises of said West Antelope School District. Each bid is to be in accordance with the plans and specifications on file with the clerk of the Board of Trustees of said West Antelope School District. Bids will be received up to one o'clock, Friday, September 1st, 1922. All proposals of bids must be accompanied by a certified check of five (5) per cent of said bid. The Board reserves the right to reject and all bids.

By order of the Board of Trustees.

FLOYD S. COOLEY,
Clerk.
JOHN KAUBLE,
ANDREW ROSS,
Trustees.

BIDS WANTED FOR ALTERATIONS TO FOUR-STORY BRICK BLDG.

NOTICE TO CONTRACTORS

Notice is hereby given that Soo Yuen Benevolent Association hereby calls for sealed proposals to be delivered to Great Pacific Company, 322 Battery Street, and 45 Waverly Place, City and County of San Francisco, State of California, on or before twelve o'clock, noon, of August 27, 1922, for furnishing all labor and material and making all

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

alterations, additions or repairs to that certain building belonging to said Association, according to the revised plans and specifications on file in the office of Albert Schroepfer, Nevada Bank Building, in said City and County, to which reference is hereby made.

Bids must be in sealed envelopes and delivered at the address hereinbefore given.

Bids will be opened by said Soo Yuen Benevolent Association at 728 Grant Avenue, at 2:00 P. M., on the 27th day of August, 1922.

Said Soo Yuen Benevolent Association reserves the right to reject any or all bids, or any or all items of such bids.

NOTICE TO CONTRACTORS (School Heating System)

Until September 5, 1922, S. P. M., sealed bids will be received by the Board of Trustees of the Fellows School District for the furnishing and installing of a heating system in class rooms and kindergarten at the Midway School, Fellows, California. Specifications may be had at the office of the Board.

All bids must be accompanied with a certified check or bid bond for five (5) per cent of the amount of the bid, made payable to the Board of Trustees.

By order of the Board of Trustees of Fellows School District.

By MAXEL LEWIS,
Clerk.

Dated August 15, 1922.

NOTICE TO CONTRACTORS (Theodore Roosevelt School)

The Board of Education will receive sealed bids until Thursday, September 7th, 1922, at 7:30 P. M., in the office of the Board of Education, City Hall, Bakersfield, Kern County, California, for furnishing of all material and labor necessary for the erection, completion and installation of the first unit Theodore Roosevelt School.

Plans and specifications for same may be had at the office of the Board of Education, City Hall, or Eugene K. Martin, architect, under whose supervision the building will be constructed.

A deposit of \$15.00 is required for each set of plans. All bids must be accompanied by a certified or cashier's

check in the amount of 10 per cent of the bid, said check made payable to the Secretary, Board of Education, Bakersfield School District, Bakersfield, California, said check will be held as evidence of good faith that the successful bidder will enter into a satisfactory contract for this proposed work.

The board reserves the right to reject any or all bids or to waive any irregularity in or to any bid.

By order of the Board of Education, Bakersfield School District, Bakersfield, Kern County, California.

BOARD OF EDUCATION,
MRS. HARRIET PEACOCK, Pres.
E. R. LONG, Secretary.

NOTICE TO BUILDING CONTRACTORS (School Bungalows)

At a special meeting of the Board of Education held on August 16, 1922, Secretary was authorized to advertise for sealed bids on the following:

Bungalows to be used as school rooms as per plans and specifications on file with the Secretary of the Board, 2524 Locust Street, Fresno, Calif.

Prices to be submitted on bungalows singly or in lots of three. The Board reserves the right to order one or two only on a single site to be later determined.

Bidder must specify length of time required to complete the job.

The Board reserves the right to reject any and all bids. A 10% deposit of the amount of the bid must accompany each bid. All bids must be in the hands of the Secretary of the Board by Friday, September 1, 1922, at 5 P. M.

By order of the Board of Education,
L. L. SMITH, Secretary.

NOTICE TO CONTRACTORS (Fresno Irrigation District)

Sealed proposals for the construction of concrete pipes, aqueducts and miscellaneous structures will be received at the office of the secretary of the Fresno Irrigation District, 1001 Griffith McKenzie building, Fresno, California, up to and including Monday, September 4th, 1922, at 5 o'clock P. M.

Plans and specifications may be examined at the office of the district, and forms for proposals and instructions to bidders will be furnished.

The district reserves the right to reject any and all bids.

By order of the Board of Directors, FRESNO IRRIGATION DISTRICT,
By MORTON HANSEN, Secretary.
Dated: August 19th, 1922.

NOTICE TO CONTRACTORS

BIDS WANTED FOR CONSTRUCTION OF BRICK DORMITORY

DEPARTMENT OF THE INTERIOR, Office of Indian Affairs, Washington, D. C., August 16, 1922: Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for a brick dormitory, Chemawa, Oregon," and addressed to the "Commission of Indian Affairs, United States Department of the Interior, Indian Office," will be received at the Indian Office until 2 o'clock P. M., of September 12, 1922, for furnishing materials and labor for the construction of a brick dormitory, Salem Indian School, in strict accordance with the plans, specifications, and instructions to bidders, which may be examined at the Office of the United States Indian Warehouses at San Francisco, Calif., and at the office of the Superintendent of the Salem Indian School, Chemawa, Oregon. For further information apply to the Superintendent of the Salem Indian School, CHAS. F. BURKE, Commissioner.

QUANTITY SURVEYOR

and Valuation Engineer
Building and Engineering Works

ARTHUR PRIDDLE

693 Mission Street, at Third St.,
San Francisco, Calif.
Telephone Douglas 3493

NOTICE TO CONTRACTORS AND BIDDERS

(Manual Training Shop—Biggs Union High School District)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Biggs Union High School District of Butte Co., California, up to 7:30 o'clock P. M. on the 7th day of September, 1922, at the office of the Clerk of the Board of Trustees, 411 High School Building) of said Biggs Union High School District of Butte County, for the erection and completion of a Manual Training Shop for the above named district, in accordance with plans and specifications made for the same by W. H. Weeks, authorized Architect, employed by the Board. The said bids will be opened by the Board of Trustees at the office of the Clerk of the Board of Trustees of said school district at 7:30 o'clock P. M. on the said 7th day of September, 1922. All bids should be addressed to L. S. Pratt, Clerk of the said Board, whose address is Biggs, California.

Plans and specifications can be seen at the office of the Architect, W. H. Weeks, 369 Pine Street, San Francisco, Calif., or at the Sacramento Valley Bank, Biggs, Calif. A deposit of \$2000 will be required for all plans loaned out, as a guarantee of good faith.

All bids must be made out on blank forms furnished by the Architect, and must be accompanied by a check for not less than 5 per cent of the contract bid, made payable to L. S. Pratt, Clerk of the Board of Trustees of the Biggs Union High School District of Butte County, and be certified to by some responsible banking house. This check is to be forfeited in the event that the successful bidder after having been awarded the contract, fails within ten days to sign the contract and to furnish a good bond as required by Law.

The successful bidder will be required to furnish the Board of Trustees of the said Union High School District a good and sufficient bond in an amount equal to 50 per cent of the amount named in the contract guaranteeing to the said School District the faithful performance of the contract. He shall also be required to execute and deliver at the time another and separate bid in an amount equal to 50 per cent of the amount named in the contract to protect any and all persons performing labor upon or furnishing materials used upon said work. The Board reserves the right to reject any and all bids, and at Biggs this 14th day of August, 1922.

J. R. McDONALD,
CLAY B. HARRIS,
W. W. H. HASELUSCH,
Board of Trustees of the Biggs Union High School District of Butte County, State of California.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned until 2 o'clock P. M., September 6th, 1922, for constructing a portion of the State Highway No. 1 in Washe County, between West City Limits and East City Limits of Sparks, work consisting of grading, construction of curbs and sidewalks, Cement or asphaltic concrete surface.

Plans may be examined and form of Proposals, Contract and Specification secured at office of undersigned. May also be examined at the County Clerk's office in Reno, or the City Clerk's office in Sparks, may also be examined at the Division Engineer's office in Las Vegas, Elko, or Reno. The District office of the Bureau of Public Roads, Mills Building, San Francisco, California. Cash deposit of fifteen dollars (\$15.00) with the undersigned required for copy of plans, which will be refunded on their return in good condition. Bids must be on proposal form of Highway Department, and must be accompanied by certified check for the amount of 1% of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of the specifications contained in the for the faithful performance of the pro-

visions of the contract and specifications.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada

NOTICE FOR BIDS FOR BUILDING MATERIAL

(Coring Union High School District)

Bids will be received by the Board of Trustees of the Corning Union High School District, for building material as listed below, on or before August 28, 1922:

- 10 x 8 20 com. SISE, fir.
- 5 x 8 16 com. SISE, fir.
- 12 x 8 20 com. SISE, fir.
- 3 1/2 x 24 10 com. SISE
- 60 x 24 20 com. SISE
- 86 x 24 20 com. SISE
- 28 x 24 12 com. SISE
- 60 x 28 18 com. SISE
- 40 x 26 18 com. SISE
- 10 x 8 20 com. SISE
- 4 x 26 22 clear, SISE pine.
- 260 ft. 1 x 3 16 com.
- 446 ft. 1 x 8 strip No. 1
- 2800 ft. 1 x 8 strip No. 1
- 2500 ft. 1 x 12 SISE com.
- 2500 ft. 1 x 12 vertical grain flooring No. 1
- 1000 ft. 4 x 8 x 5 TAG ceiling.
- 600 lineal ft. 1 x 1 SISE, pine.
- 216 lineal ft. 1 x 8 SISE, pine.
- 2 1/2 lineal ft. drip cap.
- 24 windows, 2-6 x 6
- 15 double frames and casing for windows.
- 4 single frames and casing for windows.
- 6 doors, 3 cross panel, 3-0 x 7-0 frames, casing.

3806 square ft. of three ply roofing.
4 kegs common No. 8 nails.
2 kegs common No. 10 nails.
2 kegs common No. 16 nails.

3350 ft. h.
Bids will be opened by the Board of the said U. H. S. D. Monday, August 28, 1922, at High School Building in Los Molinos, California.

The Board reserves the right to reject any or all bids.
(Signed) E. L. D. E. GOODRICH,
Vice President Board of Trustees.

NOTICE TO LANDSCAPE CONTRACTORS AND SUPPLY MEN

Pursuant to an order of the Board of Education, Fresno City High School District, entered on its minutes at a special meeting under date of August 16th, the board directs the secretary to advertise for bids for labor and supplies as per schedules to be obtained at the office of the secretary of the board, 2525 Tulumaine Street, Fresno, California, to-wit:

Schedule "A"—Items of galvanized iron pipe and fittings necessary for sprinkler system at the Fresno High School.

Schedule "E"—The furnishing, delivering and grading of top soil necessary for lawn planting.

Schedule "C"—The planting and caring for lawn on said grounds.

Schedule "D"—The furnishing of shrubs necessary for the planting of said High School grounds.

Schedule "E"—Lawn grass seed and fertilizer necessary should beard reject bids under Schedule "C".

Qualities of soil, seed, shrubs and number and character of shrubs, trees and other plants to be in accordance with specifications laid down by the G. Cotton, landscape architect of the board.

The board reserves the right to reject any and all bids and any or every item of any bid.

Bids will be received up to Friday, September 1st, 1922, at 1 o'clock p. m. Bids on other items will be received up to Thursday, September 14, 1922, at 5 o'clock p. m.

In order of the Board of Education.

L. L. SMITH, Secretary.

BIDS WANTED FOR WATER-PROOFING POST OFFICE

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C. August 17, 1922.—SEALED PROPOSALS will be received at this office

until 3 P. M., September 6, 1922, and then opened for water-proofing the exterior walls, corners, etc., at the U. S. Post office, Aberdeen, Wash., in accordance with the specifications, copies of which may be had at this office or at the office of the Custodian, in the direction of the Supervising Architect, JAS. A. WETMORE, Acting Supervising Architect.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, California, until 2 o'clock P. M., on September 2, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Modoc County, across Cold Creek at Station 349 (11-Mon-15-A), a bridge forced concrete girder spans on concrete consisting of three thirty-foot reinforced beams.

Modoc County, across Cold Creek at Station 373 (11-Mon-15-A), a bridge consisting of two thirty-foot reinforced concrete girder spans with necessary bent, abutments and wingwalls.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunnsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission.

AUSTIN B. FISCHER,
State Highway Engineer.
R. A. MURRAY, Secretary.
Dated August 21, 1922.

NOTICE TO CONTRACTORS

(Theodore Roosevelt High School)

Office of the Secretary of the Board of Education of the City of Oakland. Sealed bids will be received by the Board of Education on or after the 1st of Oakland, City Hall, Oakland, California, until the 11th day of September, 1922, at 4:30 o'clock P. M., at which time said bids will be opened, for the erection and completion of a new building for the THEODORE ROOSEVELT HIGH SCHOOL, of the Oakland School District and Oakland High School District, located on the city block extending from 19th Avenue to 20th Avenue and from East 18th Street to East 20th Street, Oakland, California.

- Superior bids will be received for:
- GENERAL WORK, including Excavation and Grading, Concrete, Brick and Terra Cotta, Carpenter Work, Miscellaneous, Ornamental and Structural Iron Work, Sheet Metal Work, Built-up Roofing Work, Elevator Work, and Interior Equipment Work.
- 2. TILE ROOFING.
- 3. LATHING AND PLASTERING.
- 4. PLASTERING.
- 5. PLUMBING.
- 6. HEATING AND VENTILATING.
- 7. ELECTRICAL WORK.

Plans and specifications for said work are on file at the office of the Architect for the Board of Education, 2149 Broadway, Oakland, California.

On a deposit of Twenty-five (\$25) Dollars, said plans and specifications may be had by any prospective bidder for one of the branches of the work above listed. These plans and specifications may be retained as follows:

1. General Work, fourteen (14) days.
2. Tile Roofing, three (3) days.
3. Lathing and Plastering, seven (7) days.
5. Plumbing, seven (7) days.
6. Heating and Ventilating, seven (7) days.

If the plans and specifications are not returned to the Architect within the time above specified, or are returned in a mutilated or damaged condition, the deposit will be forfeited and will be immediately used for the purchase of a new set of blue prints and specifications.

At least be made on proposals obtained at the office of the Architect, accompanied by a certified check, certified to by some responsible bank or banker, and made payable to J. W. Edgemond, Secretary of the Board of Education, to be retained by the said School Districts as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand (\$5,000) Dollars, but for all bids of less than Fifty Thousand (\$50,000) Dollars, said check shall be for at least ten (10%) per cent of the amount of the bid. Each bid shall be accompanied by an affidavit executed in a form that can be obtained from the Architect. Bids will be opened by the Board of said Districts on the 11th day of September, 1922, at 4:30 o'clock P. M., in the Board Room, 211, second floor of said City Hall, said City of Oakland, California. The Board reserves the right to reject any and all bids or any or all items of such bids.

J. W. EDMOND,
Secretary of the Board of Education
of Oakland, California.

ADVERTISEMENT FOR PROPOSALS

Pumping and Filtration Works, Sacramento, Calif.

CONTRACT NO. 25

FILTRATION DIVISION

For completing the construction of the Intake Pier, Bridge and Bridge Piers, Intake Conduits, and Appurtenances, for the City of Sacramento, California.

Scaled proposals for completing the construction of the intake pier, bridge and bridge piers, intake conduits, and appurtenances, for the City of Sacramento, California, endorsed, "Proposals for Completing the Construction of Intake Pier, Bridge and Bridge Piers, Intake Conduits, and Appurtenances, Filtration Division, City of Sacramento, California, Contract No. 25," addressed to the City Clerk, will be received at the office of the City Clerk, City Hall, Sacramento, California, until 9:00 P. M., Pacific Standard Time, on the seventh day of September, 1922, and will be publicly opened and read in the Chamber, City Hall, Sacramento, on the seventh day of September, 1922, after 9:00 P. M.

The work comprises the furnishing of materials and the completion of the construction of the intake pier, bridge, bridge pier and bridge abutment, the intake conduits from intake pier to pumping station, together with various appurtenances. A certain amount of construction work upon some of these structures has been performed and is intended. Bidders should carefully examine these structures and acquaint themselves with all controlling conditions, including the character and availability of materials at the site of the work, originally intended to be incorporated into the structures.

Each proposal must be accompanied by a certified check payable to the order of the City Controller, in the sum of ten (10) per cent of the largest sum named in the proposal for any single proposition and scheme.

A successful proposal, amounting to from fifteen (15) to twenty-five (25) per cent of the contract price, depending upon the amount of the contract, and a material and labor bond amounting to fifty (50) per cent of the contract price will be required of the successful bidder, in accordance with the provisions of the city charter and ordinances and of state laws.

Prior to the acceptance of the completed work a defective material and workmanship bond amounting to five (5) per cent of the amount of the contract must be furnished.

The complete contract documents may be examined at the office of the City Clerk, or at the office of the Filtration Division, or printed copies thereof, including reduced scale drawing only, will be furnished to intending bidders upon request and upon the payment of a deposit of ten dollars (\$10.00). All deposits for pamphlets will be refunded upon their return, in good condition, or if they are filing a proposal. Bidders desiring full scale blue prints of the contract drawings may obtain them by purchase at the price of twenty-five cents (25c) each.

The city reserves the right to reject any or all proposals and to increase or decrease the amount of any class or portion of the work.
(Signed) H. G. DENTON,
City Clerk

STORES AND OFFICES

(Continued from Page 11)

Plans Being Prepared—Figures to Be Taken Shortly.

OFFICE BLDG. Cost, \$35,000
OAKLAND, CAL. Grand Ave.
Two-story frame and plaster office building.

Owner—Dr. L. P. Adams and Dr. W. H. Streittmann.
Architect—Wm. F. Milwain, Albany Bldg., Oakland.

All modern conveniences for physicians' use especially.

Contract Awarded.
STORE BLDG. Cost, \$27,100
SAN FRANCISCO. Mission and Eu-

One-story reinforced concrete store building.

Owner—E. A. Cohn.
Architect—August G. Headman, Call Bldg., San Francisco.

Contractor—G. P. W. Jensen, 320 Market St., San Francisco.

Steel Contract Awarded.
STORE BLDG. Cost, \$50,000
LOS ANGELES, Cal. Hill St. bet. 6th

and 7th Sts.
Eight-story and basement Class A store and loft building.

Owner—Star Pico Co.
Architect—Stanton Reed & Hibbard, Metropolitan Bldg., Los Angeles.

Contractor—Baker Iron Works, Los Angeles.

The general contract is ready for bids also.

To Be Done by Day's Work.
ALTERATIONS & ADD. Cost, \$10,000
Alterations and additions for 3 stores.
Owner—Lakeside Garage Co., Grand Ave., Oakland.

Architect—Clay N. Burrell, 1st Trust Bldg., Oakland.

Contract Awarded.
FUTILE BLDG. Cost, \$90,000
OAKLAND, SE Franklin 398 NE 14th St.

Two-story reinforced concrete cafeteria building.

Owner—Colonial Cafeteria Co., 422 14th St., Oakland.

Architect—A. R. Denke, Dalziel Bldg., Oakland.
Contractor—A. R. Denke, Dalziel Bldg., Oakland.

Plans Being Prepared—Figures to Be Taken Shortly.

CLASS A BLDG. Cost, \$—
LOS ANGELES, Los Angeles Co., Cal. W Hill St. bet. Seventh and Eighth Streets.

Six-story Class A building.
Owner—E. Tropp, W. C. Crittenden & A. M. Blumenthal of San Francisco
Architect—G. Albert Lansburgh, 707 Mission St., San Francisco.

Plans Being Prepared.

STORES Cost, \$15,000
SAN FRANCISCO. Clement St.
One-story brick (4) stores, 50x120.

Owner—Getz & Co., Chronicle Bldg., San Francisco.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Sub-Figures to be Taken in Three Weeks.

STORE BLDG. Cost, \$70,000
SAN FRANCISCO. N Sutter bet. Mason and Taylor Sts.

Three-story and basement reinforced concrete studio and store building. 51x137-6 (17 studio suites and 3 stores).

Owner—Goodfriend & Jacobson.
Architect—Frederick W. Quandt, Mo-nadnock Bldg., San Francisco.

Plans Being Figured.

DEPARTMENT STORE Cost, \$—
PORTLAND, Ore. West Park and Morrison Streets.

Two-story concrete and terra cotta department store, 100x100.

Owner—Roberts Bros., Portland, Ore.

Architect—Strong & MacNaughton, Corbett Bldg., Portland, Ore.

OAKLAND, Cal.—Geo. H. Clark, of Sacramento, has purchased that portion of Playter property not occupied by the First National Bank Bldg., Broadway and San Pablo, on which he proposes to erect a \$350,000 four-story business building. No details regarding construction are available at this time.

CUETINE, Merced Co., Cal.—The Pacific Tel. & Tel. Co. will erect an exchange building, 300x50 feet adjoining branch of Bank of Newman. Estimated cost, \$4000, with equipment, \$30,000.

MADERA, Madera Co., Cal.—Miller & Little, Madera, at \$12,549 submit low bid to W. R. Curtin (owner) to construct building to be leased to the Government for a post office on Yosemite street, between C and B Sts. other bids: Minard & Casteel, Fresno, \$14,490; Frederickson & Smith, Fresno, \$14,694. Bids taken under advisement.

GRASS VALLEY, Nevada Co., Cal.—Until Sept. 5, 8 p. m., bids will be received by A. B. Champion, Clerk, Grass Valley High School District, for furnishing and installing steel lockers in the new high school. Messrs. Moore, Horace G. Simpson, Associate Architects, Nevada Bank Bldg., San Francisco.

THEATRES

Plans Completed

THEATRE Cost, \$—

WATSONVILLE, Cal.
Reinforced concrete theatre.
Owner—Palmer Theatre.

Architect—G. A. Lansburgh, 705 Mission St., San Francisco.

When the owners are ready to proceed with this work the West Coast Constructor Co., 519 California St., who are the low bidders at \$85,000, will probably be awarded the contract.

Plans Being Figured.

ALTERATIONS Cost, \$10,000
SACRAMENTO, Cal. 615 K St.
Alterations to theatre also heating and ventilating plants.

Owner—Turner & Dahnnken.
Architect—E. C. Hemmings, Ochsner Bldg., Sacramento.

Engineering News Section

BRIDGES, DAMS & HARBOR WORK

LOS ANGELES, Cal.—County Bridge Engineer Armstrong is preparing plans for a concrete bridge across the mouth of San Gabriel river at Alamitos Bay. It will consist of ten 30-ft. spans and one 42-ft. span with concrete piers and abutments. Another bridge project ordered by the Supervisors is a structure of type yet to be determined, across a slough opening into Alamitos Bay, east of the San Gabriel River mouth, on the state highway, not far from the county line. It will be approximately 200 ft. long. Plans will also be started shortly for concrete bridge across the mouth of Topanga canon, on the coast highway. It will consist of four 54-ft. spans, with concrete piers and abutments on piles.

SANTA ROSA, Sonoma Co., Cal.—County Surveyor R. Press Smith has completed specifications for rein. conc. bridge at Station 675 plus 15 on the Highway Bids will be asked shortly.

SAN PEDRO, Cal.—Los Angeles harbor commission is considering plans for conc. bridge and ramp, on Harbor Blvd., bet. 15th and 16th Sts., to cost about \$200,000. The main span over the railroad tracks will be 500 ft., while the ramp, extending to 22nd St., will be 1400 ft. in length, with roadway 32 ft. wide. Foundation will be of driven concrete piles with conc. caps. Ornamental feature will consist of double row of lamps from city hall to end of ramp, at 22nd St.

SAN DIEGO, Cal.—City council proposes to place before voters at earliest possible date a bond proposition for \$600,000 for harbor improvement purposes. It is proposed to build a pier after the plans prepared by Frank G. White, chief engineer of the port of San Francisco. The navy has requested additional space for a pier. The commission has recommended granting space for a pier 130 ft. wide, 1000 ft. long.

EUREKA, Humboldt Co., Cal.—Until Sept. 2, p. m., bids will be received by Fred M. Kay, county clerk, to construct four highway bridges, as follows: Wood truss bridge across Canon creek on Three Cabins road bet. Korbel and Maple creek; wood truss bridge over Cuneo creek on Dyerville-Mattole road; concrete girder bridge over Rohner creek near Fortuna and concrete girder bridge at foot of grade bet. Hydenville and Carrots on Hydenville-Bridgeville Road. A. J. Logan, county surveyor.

LOS ANGELES, Cal.—Until 10 a. m., Sept. 8, bids will be received by harbor commission, 312 Byrne Bldg., cor. Third and Broadway, for corr. galv. iron culverts. Spec. No. 349. Guy W. Wade, secretary.

SACRAMENTO, Cal.—Sacramento county supervisors will provide funds in 1923 budget to finance construction of bridge over Sacramento and San Joaquin rivers at point near Antioch to connect Sacramento county with Contra Costa county.

REDWOOD CITY, San Mateo Co., Cal.—County Surveyor George A. Kanees preparing specifications for levee to be constructed on west side of Bay Shore highway between Union Oil Station and South San Francisco, to prevent storm waters overflowing highway; estimated cost, \$5000.

CALIFORNIA—Until Sept. 18, 2 p. m., bids will be received by State Highway Commission, Forum Bldg., Sacramento, for bridge construction as follows:

Mendocino county: across Cold Creek at Station 349, consisting of three 30-ft. rein. conc. girder spans on concrete bents.

Mendocino county: across Cold Creek at Station 373, consisting of two 30-ft. rein. conc. girder spans with bent, abutments and wingwalls.

See call for bids under official proposal section in this issue.

SAN FRANCISCO—Until Oct. 31, 11 a. m., bids will be received at S. Engineer's office, 401 Customhouse, for dredging in Honolulu Harbor. Specifications will be furnished on request.

SANTA ROSA, Sonoma Co., Cal.—Until Sept. 12 bids will be received by W. W. Felt, Jr., county clerk, to construct reinforced concrete bridge at station 657 plus 15 on Healdsburg-Napa county line highway, involving 27.26 cu. yds. Class A and 94.19 cu. yds. Class B reinforced concrete; 160 cu. yds. excavation for bridge and backfill; 1310 cu. yds. excavation approach and fills. Estimated cost, \$4650. R. Press Smith, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—Herschbach & Sciarino, 560 Park St., San Jose, at \$6999, awarded contract by supervisors to construct reinforced concrete bridge on Stevens creek road in Supervisor District 5. Other bids: John Williams, \$7300; Wm. Martin, \$8334; Frank Bryant, \$8523. Surveyor's estimate, \$9440.

Wm. Martin, at \$1789, awarded contract to construct reinforced concrete bridge in Rincon Ave., Supervisor District 4. Other bids: Herschbach & Sciarino, \$1972; John A. Williams, \$1800; Wm. Martin, \$1789; Frank Bryant, \$1890. Surveyor's estimate, \$1800.

LOS ANGELES, Cal.—W. M. Ledbetter & Co., 759 Pacific Electric Bldg., submitted low bid to supervisors at (1) \$46,420 to const. reinf. conc. bridge on state highway over west arm of Alamitos Bay. Their bid on item No. 2, per lin. ft. of extra piling, was \$4.50. Other bids were: Mercereau Bridge & Constr. Co. (1) \$52,995, (2) \$4,000; Frank H. Greene (1) \$51,800, (2) —; S. M. Kerns (1) \$52,000, (2) \$6.50; Ross Constr. Co. (1) \$57,963, (2) \$5.00. The bridge will consist of 12 30-ft. spans and one 42-ft. span, 20 ft. wide, on piles. Approx. quantities are: 58,880 lbs. steel, 789 cu. yds. class "A" conc., 445 cu. yds. class "F" conc., 1955 lbs. bridge expansion plates, 210 cu. yds. excav.

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RIVERSIDE, Cal.—deWaard & Coham, 207 Granger Bldg., San Diego, awarded contract by supervisors at \$92,500, to construct reinf. conc. bridge over Santa Ana river at Rubidoux mountain on plans and specifications by R. V. Leeson, 207 L. A. Ry. Bldg., Los Angeles. The same firm bid \$126,000 on plans and specifications by Houghton & Bonte, San Francisco, Edgar T. Wheeler Co., Los Angeles, bid \$109,340 on Leeson plans and J. T. Knapp of Turlock bid \$114,630 on Houghton & Bonte plans. Leeson plans call for 5 arch spans of 100 ft. each with piers on cedar piles.

MARYSVILLE, Ede, Yuba Co., Cal.—J. D. Hutchinson, Ede, Yuba, at \$29,000 submits low bid to City Council for Ellys Lake improvement involving 135,000 cu. yds. earthwork. Other bids: Ajax Dredging Co., San Francisco, \$44,500; John Phillips, Sacramento, \$34,500.

SACRAMENTO, Cal.—Surveyor Chas. Detering preparing spec. for 2 bridges to be const. bet. Clay Station and Ione.

VALLEJO, Solano Co., Cal.—Public Works Department, Mare Island Navy Yard has received authority from Washington to expend \$200,000 on repairs to Navy Yard seawall; work to be done by employees of Department.

NAPA, Napa Co., Cal.—Until Sept. 12, 10 a. m., bids will be received by James A. Daly, county clerk, to construct 17-ft. arch extension on Hagen road; 12-ft. arch extension on Second Ave. and new bridge on Olive Hill Lane.

Separate bids same date, to const. 2 rein. conc. bridges on Silverado Trail about 1½ miles north of Little Trancas bridge. Cert. check 10% payable to Chair. Bd. of Suprs. req. Edw. P. Ball, county surveyor.

IRRIGATION PROJECTS

GRENADA, Siskiyou Co., Cal.—Until Sept. 6, 1:30 p. m., bids will be received by Mayor E. B. secretary, Grenada Irrigation District, to reconstruct dam and intake canal; construct new buildings, fence and install priming equipment; reconstruct irrigation ditches and construct laterals; construct and reconstruct ditch structures. Fred H. Tibbets, engineer, Alaska Commercial Bldg., San Francisco. See call for bids under official proposal section in this issue.

GILLILEY, Butte Co., Cal.—Trustees of Reclamation District No. 833 will call election to vote bonds of \$1,000,000 to cover the reclamation work completed and to be undertaken by the district. Mrs. Burleson is Secretary of the District.

HANFORD, Kings Co., Cal.—Petition filed with county supervisors seeking organization of Lakeland Irrigations District. H. L. Heffner, Kerckhoff Bldg., Los Angeles, will represent the district before the supervisors on Sept. 5, when a hearing will be held.

FRESNO, Fresno Co., Cal.—Until Sept. 4, 5 p. m., bids will be received by Fresno Irrigation District, Griffith-McKenzie Bldg., to const. conc. pipes, aqueducts and miscellaneous structures. See call for bids under official proposal section in this issue.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—City council has adopted ordinance ordering installation of lighting posts and appliances

on Melrose Ave., between Western Ave. and Gramercy Pl.; also St. Andrews Pl. between Marathon St. and 125 ft. north, and on portions of Marathon St., Manhattan Pl., Gramercy Pl.; 1911 Imp. Act. Plans and specification on file at office of City Electrician, second floor south city hall annex.

LOS ANGELES, Cal.—City council adopts ordinance ordering installation of ornamental lighting posts and appliances on Berkshire Ave. bet. Kendall Ave. and Huntington Dr. north; also on portions of Huntington Dr. north, Kendall Ave., Branner Ave. 1911 Act.

Ordinance adopted ordering installation of ornam. lighting posts and appliances on Grand Ave., bet. 9th and Pico Sts.; 1911 Act.

PACIFIC GROVE, Monterey Co., Cal.—City trustees approve specifications to install 37 one-lamp electrolights, 600-candlepower, in Lighthouse and Forest Aves. H. D. Severance, city engineer.

MACHINERY

POMONA, Cal.—So. Counties Gas Co. will install new machinery and generally remodel its present plant here. In addition to machinery, a garage, metre shop and storeroom will be built.

LOS ANGELES, Cal.—Until 10 a. m., September 8, bids will be received by harbor commission, 312 Byrne Bldg., cor. Third and Bdwy., for five 4-ton warehouse scales. Spec. No. 412. Guy W. Wade, secretary.

LOS ANGELES, Cal.—Until 3 p. m., Sept. 8, bids will be received by public service commission, 207 S. Broadway, for two traveling cranes. Spec. P-286-245 and Blue Prints No. D-665 and D-666.

Bids will be received, same date, for rigid galvanized iron electrical conduit, about 28,500 ft. of conduit varying from 3/4-in. (21,000 ft.) to 3/2-in., with lock nuts, bushings, elbows. Spec. P-285-242. Jas. P. Vroman, secretary.

LOS ANGELES, Cal.—Gilmore Gasoline Plant No. 1, a corp., granted franchise by county supervisors to lay pipe line on portions of Cherry Ave., Walnut Ave., Orange Ave., Signal Hill Blvd., and other public highways near townsite of Long Beach.

AJO, Ariz.—New Cornelia Co. will start work shortly on a flotation plant at Ajo. Structural steel will be ordered about September 1.

VENICE, Cal.—Chicago Bridge and Iron Works low bidder at \$3900 for erecting steel water tank and tower at Venice high school. Other bids were: Baker Iron Works, \$4100, \$4250, \$4500, and \$5200; Minn. Steel & Ma-Molnes Steel Co., \$4750. Bids taken under advisement.

LOS ANGELES, Cal.—Until 3 p. m., Aug. 25, bids will be received by public service commission, 207 S. Broadway, for 2000 ft. of 1250,000 C. M. and 3500 ft. of 2,000,000 C. M. cable for 5600-volt working pressure. Spec. P-286-250.

Bids, same date, for two oil circuit breakers, 4600-volt. Spec. P-286-244.

Bids, same date, for auto trucks and chassis. Spec. No. P-286. Jas. P. Vroman, secretary.

LA VERNE, Cal.—Until September 1, bids will be received by trustees of Bonita union high school district for one 8-in. direct motor driven jointer. Informal bids to C. Doughty, clerk of board at La Verne.

SAN JOSE, Santa Clara Co., Cal.—Supervisors reject bids for furnishing and installing safe in office of county recorder.

SAN JOSE, Santa Clara Co., Cal.—Troy Laundry Machinery Co., 954 Mission St., San Francisco, awarded contract by supervisors to furnish following machinery for county hospital: Troy concave convex ironer, 100-in.

belt driven, \$2120; allowance of \$200 for the 16x30-in. flatwork ironer now in use; net price of bid, \$1920.

BOUTTE, E. R. Woodward Co., 1128 Mission St., awarded contract to furnish and install one 30-in. Scotch Western Hydro-Extractor, belt driven, Vindola type, \$750.

FRESNO, Fresno Co., Cal.—Until Sept. 1, 5 p. m., bids will be received by L. L. Smith, secretary, Board of Education, for fur. and del. galv. iron pipe and fittings for sprinkler system at Fresno high school. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—City council, E. K. Sturges, clerk, appropriates \$25,000 to purchase supplies necessary for operation of pile driver, dredger, wharves and other equipment for Harbor Dept. Ralph Beebe, harbor engineer.

BERKELEY, Alameda Co., Cal.—University Apparatus Co., 2229 McGee Ave., Berkeley, at \$1850, awarded contract by Orland Joint Union High School District to install one University Duplex Gas Plant, 10,000 cu. ft. capacity, with five 12-ft. carburetors, 700 gal. underground tank, 1 1/2-hp. motor and automatic self-boosting air unit. L. A. Abbott, Oakland, bid \$10,250.

RAILROADS

WASHINGTON, D. C.—The Los Angeles and Salt Lake Railroad has applied to Interstate Commerce Commission for permission to build a new line of railroad between Lund and Cedar City, Utah, a distance of thirty-two miles. The line, which will connect with the main system of the Los Angeles Company, will open iron mining territory.

SANTA MONICA, Cal.—Pacific Electric Ry. Co. has submitted to city council proposition calling for a general street car and "bus" system for the city. The idea would include numerous extensions to railroad lines, costing about \$125,000. The principal item would be \$53,500 for extension on Third St. line east on Montana Ave. to 17th St.

FIRE EQUIPMENT

SAN FRANCISCO—Until Oct. 2, 8:30 p. m., bids will be received by Frank T. Kennedy, secretary, fire commission, city hall, for furnishing combined pumping engines and hose wagons and four-wheel tractors.

SAN LUIS OBISPO, Cal.—Until September 5, 7:30 p. m., bids will be received by Callie M. John, city clerk, for furnishing and delivering 1 triple comb. 300 to 350 gal. per min. pump capacity, fire piece of fire apparatus with 2 40-gal. chemical tanks and with body capacity for carrying 1,000 to 1,250-ft. fire hose with tray of capacity of 150-ft. of 1 1/2-in. hose.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

CARSON CITY, Nevada.—Until Sept. 6, 2 p. m., bids will be received by state highway commission to construct highway in Washoe county bet. West City limits and East city limits of Sparks; grading, const. culverts, Port. cem. or asphaltic conc. surface.

Project involve under Proposal 1: 3100 cu. yds. unclassified excavations, 47,420 yd. sta. overhaul, 1.59 m. prepare subgrade and shoulders, 16,800 sq. yds. cem. conc. pavement, 15 cu. yds. class "B" conc., 74 lin. ft. 15-in. and 110 ft. 12-in. corr. metal siphon, 16 56 lin. ft. 18-in. corr. metal siphon, 16 monuments each. Materials furnished by the State; cement, f. o. b. cars at Sparks. Sand and gravel in stockpile, Sparks.

Under Proposal 2: 3975 cu. yds. unclassified excavation, 47,420 yd. sta. overhaul, 1.59 m. prepare subgrade and shoulders, 3650 tons asphalt. base course, 1830 tons asphalt. conc. top course, 875 cu. yds. selected material sub-base, 15 cu. yds. class "B" conc., 75 lin. ft. 15-in. and 110 lin. ft. 30-in. corr. metal pipe, and 56 lin. ft. 18-in. corr. metal siphon, 16 monuments each. Materials furnished by the State; Portland cement at warehouse, Reno. Sand and gravel, class "B" conc. in stockpile, Sparks.

George W. Borden, state highway engineer.

See call for bids under official proposal section in this issue.

CALIFORNIA—Following bids received August 21 by the State Highway Commission to construct highway in Amador County, between west boundary and Central House, 9.3 miles in length; 9.3 miles to be graded and 7.6 miles to be surfaced with gravel:

Bismark & Yerxa, Stockton	\$102,377.80
Isbell Constr. Co., Fresno	109,664.00
Wilmhurst & Manetas, S. F.	118,927.50
Engineer's estimate	\$108,372.50.

COVINA, Cal.—Until 7:45 p. m., Sept. 4, bids will be received by city trustee to construct drain about 8 mi. long, to carry water from municipal swimming pool to city farm. Bids will be taken for both vit. and cem. pipe, approx. quantities being 14,600 ft. 14-in. or 15-in., 2400 12-in. and 1000 ft. 8-in. pipe, 30 Y branch connections with caps and 31 br. or conc. manholes with cast iron covers. Plans and spec. may be obtained on payment of \$3. F. G. Dessery, consulting engineer, 619 Central Bldg., Los Angeles. Certified check or bond for 10%.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, city clerk, declares intention to improve:

Twenty-fourth St. between Santa Clara and Alameda St.; grading, 3-in. bit. conc. base with 1 1/2-in. Warrenton bit. surface pavement; conc. curbs, gutters and walks; 2 br. catchbasins; 8-in. vit. pipe drains.

Second St. between Delmas and Bird Aves.; grading, paving with 2-in. "Durite" asphalt. conc. wearing surface on 3/4-in. "Durite" asphalt. conc. base; conc. curbs, gutters and walks; 2 br. catchbasins; 8-in. vit. pipe drains.

Second St. between Hensley and S. P. right-of-way; regrading; paving with 1 1/2-in. asphalt. conc. surface. Wm. Popp, city engineer.

SANTA CLARA, Santa Clara Co., Cal.—City trustees planning immediate paving of Washington St. It is proposed to have contract let in September.

WATSONVILLE, Santa Cruz Co., Cal.—Until Sept. 5, 8 p. m., bids will be received by M. M. Swisher, city clerk, to improve Ford St. between Main and Main Sts., by grading, macadamizing and oiling with asphalt. oil; conc. curbs and gutters.

Same date, same date, for similar improvements in Ford St. between Rodriguez and Walker. H. B. Kitchen, city engineer.

HEMET, Cal.—W. E. Hail, Riverside, submits low bid to city trustees at 17,250 cu. ft. to pave portions of Buena Vista St. and other streets. The work involves 408,700 sq. ft. 4-in. cem. conc., 8600 sq. ft. curb, 6600 sq. ft. walk. Bid taken under advisement. F. W. Stetson, city engineer. This contract was previously awarded to J. P. Oswald of Los Angeles, but on the advice of his attorneys that the proceedings were irregular, he refused to sign the contract.

ANAHEIM, Cal.—Bids to constr. joint outfall sewer to be built by Santa Ana and Anaheim will be called for about Sept. 1.

ANDERSON, Shasta Co., Cal.—Petitions being circulated by J. H. Girdner for presentation to state highway commission seeking construction of highway lateral from Anderson to Ono, a distance of 25 miles.

OAKLAND, Cal.—Until Aug. 31, 12 m., bids will be received by E. K. Sturges, city clerk, for following street improvements:

Portions of Hillsborough St., grading; conc. curbs and gutters; oil macadam pavement.

First St., bet. Oak and Fallon, grading; r. w. curbs; conc. gutters; oil macadam pavement; 1 brick catchbasin; 10-in. vit. pipe conduit.

Kanning St., from Mayhew Ave. to pt. 35 ft. NW const. 8-in. vit. sewer; 2 vit. pipe lampholes; vit. wyces.

Seventy-second Ave., bet. E-11th and Orta St., grading; conc. curbs and gutters; cem. walks; oil macadam pavement.

Portions of 39th Ave. and Porter St., grading; conc. curbs and gutters; cem. walks; oil macadam pavement; corr. iron and conc. culverts.

Portions of Harmon Ave., grading; r. w. curbs; conc. gutters; cem. walks; oil macadam pavements. 1911 Act. W. W. Harmon, city engineer.

SANTA MONICA, Cal.—Santa Monica city commission has approved plans for a tunnel under Marine St. hill to connect business section with residential district lying east of the hill. The proposition will be financed by bond issue to be included in general bond election in November.

SANTA ANA, Cal.—Bids will be called for within 10 days for construction of Santa Ana outfall sewer system. Plans and specifications are being prepared under direction of City Engineer W. G. Knox. The \$321,000 bond issue for this work was authorized by Stephen & Co., Los Angeles.

LOS ANGELES, Cal.—County Supervisors order improvement work in County Improvement District No. 1 (Crescent Heights Improvement Dist.) to be placed. Following hearing August 14, bids will be called for soon. The work involves 6920 lin. ft. 5-ft. walks, and 700 sq. ft. curb returns. John E. Rockhold, County Surveyor.

CHICO, Butte Co., Cal.—City Engineer P. S. Robinson completes specifications to improve Woodlawn Ave. Concrete strips 12 ft. wide will be placed from Fourth St. entrance to Blinnell Park to end of strip already in place.

LOS ANGELES, Cal.—Ord. of inten. No. 44,360, adopted by city council, to improve Meridian St. bet. Payette St. and E. 51, and a portion of Ave. 15 (Meridian St. and Ave. 55 Imp. Dist.), by grading an oiling; constructing conc. curbs, 5-ft. walks, 2-ft. gutters; room-man Act.

ANAHEIM, Cal.—J. G. Mills, rancher, is circulating petition for a 50-ft. roadway between Anaheim and Fullerton. The present road, which is state highway, is 13 feet. Proposed improvement includes paving, walks, curbs and ornamental lights.

GLENDALE, Cal.—Ducey & Breitenstein, 151 S. Hill Ave., Pasadena, awarded contr. at \$23,080 to pave W. Broadway, Concord St. and San Fernando Road.

AUBURN, Placer Co., Cal.—Until Sept. 6, 8 p. m., bids will be received by Mary H. Wallace, city clerk, to pave with 5-in. conc. and curb High St. bet. Lewis and Agard Sts. Certified check 10%, payable to city, required. Specifications may be had from clerk.

HOLBROOK, Ariz.—Winsor & Frost, St. Joseph, awarded contr. by Navajo county highway comm. at \$37,291.71, for const. Holbrook-St. John's highway (Federal aid project No. 42), involving 4000 cu. yds. excav., 58,000 cu. yds. borrow, 17,000 cu. yds. surfacing, 220 cu. yds. concr.

COVINA, Cal.—Until 7:45 p. m., Sept. 4, bids will be received by city trustees for (a) glazed vit. sewer pipe; (b) cem. concr. sewer pipe; (c) labor installing pipe and manholes. Separate bids will be taken on both vit. and cem. pipe and work of installing pipe, manholes and accessories. Approx. quantities are: 14,600 ft. 14-in. to 15-in. pipe, 2000 ft. 12-in. pipe, 1000 ft.

8-in. pipe, 30 Y branches and 31 brick or conc. manholes with cast iron covers. Plans and spec. on file at office of F. G. Dessery, cons. engr., 619 Central Bldg., Los Angeles, upon payment of \$3. Cert. check or surety bond, 10%. Bailey S. Stafford, city clerk.

STOCKTON, San Joaquin Co., Cal.—Until Sept. 5, 10:30 a. m., bids will be received by A. L. Banks, city clerk, to improve portions of Pershing, Orange, San Jose, Argonaut, Yosemite, Magnolia, Acacia, Poplar, Flora, Park, Oak Sts., by grading; const. comb. conc. curbs and gutters; conc. walks and paving with 3-in. (water compression) crushed rock base with 2-in. asph. conc. surface; const. conc. walks in portions of Park, Stockton, Fremont, San Jose, Stockton, etc. 1911 Act and Bond Act 1915. W. E. Hogan, city engineer.

LOS ANGELES, Cal.—Fairchild - Gilmore - Wilton Co., L. A. Ry. Bldg., awarded contr. by board of public works to pave Grand Ave., bet. 4th and 24th Sts., San Pedro, involving 299,216 sq. ft. grading to finish grade at 41 ft., 297,876 sq. ft. asph. paving at 22.86 sq. ft. 1340 sq. ft. concr. paving at 22.86 sq. ft. 1395 sq. ft. curb at 70c ft. 4801 sq. ft. walk at 22c ft. 12,950 sq. ft. concr. gutter at 21c ft. storm drain complete, \$300, 1873 f. house sewers at \$1.60 ft. Fairchild-Gilmore-Wilton Co., awarded contr. at \$31,277 to pave St. Andrews Pl. bet. Wilshire Blvd. and 30221 f. south of 11th St. involving 145,202 sq. ft. grading to finish grading at 41 ft., 112,402 sq. ft. asph. paving at 22.86 sq. ft. 350 sq. ft. concr. paving at 20c ft. 335 ft. curb at 70c ft. 180 sq. ft. walk at 22c ft. 3204 sq. ft. concr. gutter at 21.5c ft. storm drain complete at \$350, 660 ft. house sewers at \$1.50 ft.

ORANGE, Cal.—Wells & Bressler, Santa Ana, awarded contr. by city trustees to pave Chapman Ave. bet. Cambridge St. and east city limits, with 8-in. cem. concr. and asphalt finish wearing surface, and const. 2 culverts. The bid was 27.5c sq. ft. paving, \$500 culverts. Job is 460 ft. long, 42-ft. streets, approx. 202,000 sq. ft.

TRACY, San Joaquin Co., Cal.—City trustees, Geo. L. Frerichs, city clerk, declares intention to improve all of Roosevelt, Taft and Winfield Aves. and portions of W. 6th and 10th Sts. bet. West city limits and West limits of West Park Subdivision, by grading, const. conc. curbs and gutters; paving with 4-in. compressed gravel and 2 in. asph. macadam top; catchbasins, water and sewer connections and water and sewer extensions. 1911 Act and Bond Act, 1915. Protests Sept. 7. W. D. Harrington, city engineer.

TUCSON, Ariz.—Goodman - Merrill Co., St. David, awarded contr. at \$28,000, for surfacing E. highway bet. Superior and Florence about 5 miles. State furnished materials. Estimated value, \$23,405.78.

SANTA ROSA, Sonoma Co., Cal.—Until Sept. 12, 12 m., bids will be received by W. W. Felt, Jr., county clerk, to construct State Highway - Fulton Road, Sec. A, in Third Supervisorial District, 7129 ft. involv. 2800 cu. yds. excavation, 77056 cu. yds. crushed rocks, 12,647 sq. yds. asphaltic surfacing, 50 lin. ft. 12-in. pipe, 50 lin. ft. 15-in. pipe and 50 lin. ft. 18-in. corr. iron pipe. Estimates cost, \$6595. R. Press Smith, county surveyor.

RIO VISTA, Solano Co., Cal.—Until Aug. 31, 8 p. m., bids will be received by Geo. G. Johnson, town clerk (pro tempore), to improve streets in Imp. District Nos. 1 and 2 by grading; paving with Warrenite-Bitultic wearing surface on bituminous base, conc. surface on bituminous base, conc. curbs and gutters; corr. culverts and curbs in Imp. Dist. No. 3, by grading; paving with hvd. conc.; const. corr. culverts; crushed rock or washed gravel shoulders. Imp. Act 1915 and Bond Act 1915. Certified check 10%, payable to town, required.

GLENDALE, Cal.—B. D. Zaich, 220 W. 56th St., Los Angeles, submitted low bid to city council at \$43,710 to construct sewers in Verdugo Canyon, involving 22,412 ft. 8-in. vit. pipe at \$1.13 ft., 32 ft. 8-in. C. L. sewer pipe at 25 ft., 154 ft. 10-in. C. L. sewer pipe at \$1.62 ft.; 60 manholes at \$30 each; 14 6-in. tanks at \$1.25 each; 6 lamp boxes at \$25 each. Other bids were: H. E. Cox, \$44,500; J. D. Raden, \$48,581.60; Martin Brick, \$51,961.16; Peter L. Perry, \$52,630.10; P. S. Tomich, \$59,280; Nick Beck, \$71,450.20.

SANTA BARIARA, Cal.—City council rejected bid of Grand Ave., Bonita and Pedrogosa Sts., paving as too high. The work will be readvertised.

VENTURA, Cal.—Until 7:30 p. m., Aug. 28, bids will be received by city trustees to pave practically all the main streets in Ventura. Edw. M. Lynch, Central Bldg., cons. engr. The work will amount to about \$175,000 and will include grading, paving with 2-in. bitum. base and 1 1/2-in. asph. concr. wearing surface, 4-in. cem. concr. constructing cem. curbs, walks, gutters; 1911 Act.

GLENDALE, Cal.—Peter L. Perry, 611 E. Acacia St., Glendale, awarded contr. by city trustees at \$16,593 to pave Wilson and California Sts. bet. Grand Blvd. and Central Ave.

FRESNO, Fresno Co., Cal.—T. A. Hamahan awarded contract by supervisors to construct 10.4 miles of the Bnla road at \$168,999, or \$16,666 per mile. Other bids: Thompson Bros., \$189,478; California Const. Co., \$179,728; Warren Const. Co., \$195,074. Chris. L. Jensen, Cory Bldg., county surveyor.

SAN JOSE, Santa Clara Co., Cal.—A. J. Rausch, care Builders' Exchange, San Jose, awarded contr. by council to improve 3th St. bet. William and Virginia Sts.; asph. conc. pavement, including 3-in. asph. conc. base and grading, 25 ft. conc. curb, 50 lin. ft. conc. gutters, 24 sq. ft. catchbasins, 8 ft. 8-in. vit. pipe drains, 125 lin. ft.

SAN JOSE, Santa Clara Co., Cal.—John F. Adams at \$15,882 submits only bid to supervisors to improve Capitol Ave. in Supervisor Districts 2 and 3. Estimated of County Surveyor I. J. Ryder, \$3670. Bid rejected.

MARTINEZ, Contra Costa Co., Cal.—Healy - Moore and McNair, 2030 High St., Oakland, at \$8935, awarded contract by supervisors for completion of Willow Pass Rd. bet. Concord and Pittsburg. Hutchinsons, Oakland, only other bidder at \$10,250.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 13, 11 a. m., bids will be received by Henry A. Pfister, county clerk, to construct reinforced concrete pavement on Edolph Mill Rd. in Supervisorial District No. 1. J. J. Ryder, county surveyor.

GLENDALE, Cal.—B. D. Zaich, 220 W. 56th St., Los Angeles, submitted low bid by contract at \$43,710.15 to construct sewers in Verdugo Canyon.

SAN FRANCISCO — Healy - Tibbitts Constr. Co., Main St., at \$54,609, awarded contract by Board of Public Works to construct Section D, Ocean Beach esplanade.

VENICE, Cal.—City trustees declare intention to imp. Washington Blvd. bet. n. city limits and Pacific Ave., by grading and paving with 3-in. White wearing surface, 1911 Act. Protests Sept. 18.

PACIFIC GROVE, Monterey Co., Cal.—City Engineer H. D. Sevenson, after paring specifications to pave Forest Ave. bet. Lighthouse and Pine Aves.

RICHMOND, Contra Costa Co., Cal.—City council petitioned to imp. Potrero Ave. from 45th St. to San Pablo Ave., also to pave Potrero Ave. to Tullman Ave. and Pullman Ave. to Cutting Blvd. Also to construct sidewalks. H. D. Chapman, city engineer.

RIVERSIDE, Cal.—City council adopts res. of inten. to pave Palm Ave. bet. Arlington and Jurupa Aves. Ju rupa Ave. bet. Palm and Brockton Aves. and portions of other streets with crushed rock and oil; protests Sept. 5, 1901 local imp. act. C. B. Burns, city clerk.

LOS ANGELES, Cal.—W. D. McCray, 416 American Bank Bldg., submitted lowest bid to hoard of public works at \$146,271 to improve 18th St. bet. Centre and Patton Aves. in 18th St. and Mesa St. Imp. Dist., involving about 405,913 sq. ft. grading at 2 1/2 c. ft.; 405,913 sq. ft. conc. paving at 22 1/2 c. ft.; 20,500 sq. ft. curb at 63c ft.; 40,322 sq. ft. cem. walk at 22c ft.; 21 sq. ft. curb gutter at 30c ft.; storm drain at \$6200 compl.; sanitary sewer, \$4100 compl.; 6450 ft. house sewers at \$1.25 ft.; pipe culvert at \$170 compl.

GLENDAL, Cal.—George R. Curtis, 2440 E. 26th St., Los Angeles, awarded contract at \$24,659, to pave Harvard, Hawthorne and Orange Sts.

SANTA BARBARA, Cal.—Until 5 p. m., Aug. 31, bids will be received by city council to imp. Gutierrez St. bet. Milpas St. and around the city Blvd. by concrete, curbing, concrete curb, conc. curb, curbs and 8-ft. gutters, conc. curb returns, conc. driveways, cross-gutters, 1911 Act. S. B. Taggart, city clerk.

REDWOOD CITY, San Mateo Co., Cal.—County Surveyor George A. Kneese submits estimates of cost to construct highway from point near Union Oil Station on Bay Shore highway to El Camino road at point near Tanforan race track; road 100-ft. wide, all in South San Francisco, city limits; estimated cost, \$32,000.

MARTINEZ, Contra Costa Co., Cal.—Supervisors appropriate \$13,000 to pave strip of highway bet. present west end of Franklin Canyon highway and Hercules city limits. R. R. Arnold, county surveyor.

LOS ANGELES, Cal.—Independent Asph. Paving Co., Seaboard Bldg., Seattle, submitted low bid to supervisors at \$65,267.65 to improve Anaheim-Spadra Rd. (Brea Canyon), Rd. Dist. No. 1, bet. Pomona Blvd. and 2 1/4 mi. S., 14,392 lin. ft. involv. 10,700 cu. yds. excav. at 80c yd.; 14,392 lin. ft. shaping roadbed at 20c ft.; 25,560 lin. ft. finishing shoulders at 5c ft.; 7798 tons placing disintegrated granite at \$1 ton; 32,726 sq. yds. conc. paving at \$1.50 yd.; 40 in. dia. 60-in. reinf. conc. pipe at \$3.75 ft.; 76 cu. yds. conc. headwalls at \$30 yd.; 190 lbs. reinf. steel at 10c lb.; bridge at sta. 67 plus steel at \$1750. Other bids were: C. H. Hudson, \$70,990.10; W. J. McCray, \$70,428.70; Wells & Bressler, Santa Ana, \$72,467.90; W. E. Hall, Riverside, \$74,038.50; Oswald Bros., \$78,025.70; Lynn S. Atkinson, \$88,987.50.

FRESNO, Fresno Co., Cal.—Calif. Rd. and St. Imp. Co., Bank of Italy Bldg., Fresno, at \$15,587, awarded contract to imp. E. Fremont Ave. bet. Fortcamp and San Pablo Aves. involv. 50,300 sq. ft. grading, 45,330 sq. ft. asph. paving, 4745 sq. ft. conc. gutters, 2374 sq. ft. walks, 34 ft. 12-in. and 112 ft. 24-in. corr. culverts and 4 manholes.

LODI, San Joaquin Co., Cal.—City Eng. L. F. Barzelotti estimates cost of storm sewer construction in Barnhart tract at \$20,184.

RICHMOND, Contra Costa Co., Cal.—L. L. Page, 728 Bissell Ave., Richmond, at \$7917 awarded contract by San Pablo Sanitary Dist., to const. Walls Second Addition Division sewer No. 6, involv. 6612 ft. 6-in. vit. pipe; 12 manholes; 7 lampholes; 394 4-in. wye branches, Downer and Mero, bid \$8697.

PETALUMA, Sonoma Co., Cal.—Woodward and Silver, Petaluma, awarded contract by council to imp. portion of Hayes Ave., involv. 344 cu. yds. excavation, \$.75; 438 lin. ft. corr. iron culvert, \$.75; N. S. Frost, city eng.

HEALDSBURG, Sonoma Co., Cal.—Clark and Henry Const. Co., 38 S. Sutter St., Stockton, a \$163,890 awarded contract, by trustees to imp. streets involv. 18,000 cu. yds. excavation; 410,000 sq. ft. 4-in. conc. base with 1 1/2-in. Warrentite-Bit surface pavement; 24,000 lin. ft. conc. curb; 480,000 sq. ft. conc. gutter; 2400 lin. ft. 10-in. corr. culv. pipe; 5 c. i. gratings; 570 lin. ft. circ. corr. metal arch culvert; 2 conc. culverts, the later involv. 45 cu. yds. conc.; 5400 lbs. rein. steel; 470,000 sq. ft. sub-grade. C. E. Sloan, Santa Fe Bldg., San Francisco, eng.

SAN DIEGO, Cal.—Louis Salcido, La Jolla, awarded contract at \$24,840 to pave Roosevelt Memorial Drive, north of La Jolla, involv. about 108,000 sq. ft. 5-in. cem. conc. pavement at 23c ft.

SALINAS, Monterey Co., Cal.—City Eng. Donald F. Davies preparing spec. to imp. Pajaro St. bet. El Sausal and Lake with 5-in. conc. pavement, curbs and gutters.

PETALUMA, Sonoma Co., Cal.—City Eng. N. S. Frost completes spec. to imp. portion st. involv. 461 cu. yds. excavation; 110 cu. yds. fill; 1202 ft. conc. gutter; 23,164 sq. ft. 4-in. vit. oil macadam pavement; 60 lin. ft. galv. iron culvert.

MARTINEZ, Contra Costa Co., Cal.—Until Sept. 5, 8 p. m., bids will be received by C. E. Daly, Clerk, to imp. portions of Ward, Green, Talbert and Berrelleca streets, involv. 65,000 sq. ft. gradings; 3844 lin. ft. conc. curb; 7876 sq. ft. conc. gutter; 55,200 sq. ft. asph. conc. base with 1 1/2-in. Warrentite surface pavement; 1300 ft. 6-in. vit. pipe; 33 wyes, 6x4-in.; 726 lin. ft. 4-in. vit. pipe; 2 br. and conc. manholes; 6 lampholes. Ben H. Green, city eng.

GLENDAL, Cal.—Until 7 p. m., Aug. 31, bids will be received by City Clerk Van Wier, City Hall, 619 E. Broadway to imp.

Jackson St. (ready) involv. 34,560 sq. ft. resurfacing and laying (only) 1040 ft. 4-in. c. i. water pipe.

N. Adams Place and Adams St. involv. 1546.21 lin. ft. grading, 54,178.32 sq. ft. oil and surface, 2953.29 ft. conc. curb, 15,084.7 sq. ft. 5-ft. walk, and laying (only) 1566 ft. 12-in. c. i. water pipe.

SAN FRANCISCO—Supervisors will appropriate \$2900 to install high pressure water system mains in North Point St. between Powell and Grant Aves. M. M. O'Shaughnessy, city eng.

BENICIA, Solano Co., Cal.—F. A. Stricker, City Engineer, completes specifications to improve portions of First street by scarifying, grading and resurfacing with oil and rock screenings surface, approximately 150,000 sq. ft.

SACRAMENTO, Cal.—Until Sept. 7, 9 P. M., bids will be received by H. G. Denton, City Clerk, to complete construction of intake pier, bridge and bridge piers, intake conduits and appurtenances. Sacramento Filtration project. Geo. J. Calder, Resident Engineer.

See call for bids under official proposal section in this issue.

BELYEEDERE, Marin Co., Cal.—P. L. Burr, 512 Mission St., San Francisco, at \$33,380 submits low bid to town trustees to imp. streets; bid to plan asph. surfacing, S. P. Howley, San Rafael, only other bidder at \$34,800 for plain asph. surface and Warrentite-Bit surface. Project involv. 1634 cu. yds. grading excavation, 3422 cu. yds. grading fill, 928 cu. yds. gravel surface; 1240 lin. ft. wood bulkhead; 1200 yds. rock riprap; 120 lin. ft. 15 in. culvert; 1480 tons asph. surfacing; 1480 tons Warrentite surface; 140 cu.

yds. sea wall with parapet; 140 cu. yds. sea wall, without parapet; 48 cu. yds. retaining wall; 2100 ft. walks; 4 rims and covers for monuments. Bids under advisement. C. C. O'Leary, Cheeda Block, San Rafael, engineer. Eng. 21

PASADENA, Cal.—Ducey & Breitenstein, 151 S. Hill St., Pasadena, awarded contract at \$18,890 to improve Raymond Avenue from Orange Grove Avenue to Dakota Street, Pasadena, per following unit figures: 25.4 sq. ft. paving, 500 lin. ft. curb; \$3560 curb and parkway grading; \$125 culvert extension; 25.4 sq. ft. gutter.

LOS ANGELES, Cal.—Napier & Simpson, 524 N. Fernando, awarded contract at \$57,694 to grade and const. walks, etc., in 105th, 106th, 107th and 109th Streets, Eudlong, Normandie, Harvard and Western Avenues; 19,176 lin. ft. (R. D. L. No. 223).

VALLEJO, Solano Co., Cal.—To extend Sonoma St. it will cost \$45,000, according to estimates submitted city Council, City Attorney, however, rules that work cannot legally be financed by city. T. D. Kilkenny, city eng.

MODESTO, Stanislaus Co., Cal.—Bids have been ordered recd. by Council to imp. streets in portions of Pacific, Dura, and other streets. Estimated total: 11,328.9; 1 St., to 12th, \$6602; K St., bet. 9 and 13th, \$5011; 10 bet. K and L; 11th bet. J and L and 12th bet. H and K Sts., \$3548. Bids will probably be opened Sept. 17. Spec. provide for 1 1/2-in. Warrentite surface. Geo. Freitas, city eng.

BERKELEY, Alameda Co., Cal.—City Council, E. M. Hann, clerk, declares intention to imp. Cedar St., bet. 3rd and 1st sts., grading, const. catchbasins and paving with oil macadam bet. 4th and 1st sts., 19th Act. Protests Sept. 5. C. L. Huggins, city eng.

MONTELEONE, Monterey Co., Cal.—Until Sept. 5, 7 p. m., bids will be received by A. J. Mason, city clerk, to const. 6-in. sewer in portions of Pacific, Dura, Van Buren Sts., etc., incl. const. of 6-in. lateral sewers, inspection holes, manholes, wye branches, etc. 1911 Act. Cert. check 10 per cent. payable to city req. H. D. Severance, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—No bids received by supervisors to place 13,200 tons of waste granite rock in Coast Rd. bet. Santa Cruz to Davenport and ward of Davenport by day labor under supervision of County Surveyor Lloyd Bowman.

Similar action taken to imp. Lake Ave., from end of pavement in place in Pajaro Rd. Dist., northeast, involv. 94,400 sq. ft. oil macadam pavement and 2186 cu. yds. excavation.

BUSINESS OPPORTUNITIES

Further information regarding these opportunities may be had from Domestic Trade Bureau, San Francisco Chamber of Commerce, California Exchange Bldg., by referring to Index Number stated:

D-196—Pennington, N. J.—Party would consider repositioning selling California manufacturers' products along Atlantic seaboard points.

D-198—Philadelphia, Pa.—Large Eastern importer and manufacturer desires live agent handle their products Pacific Coast.

D-200—McKeesport, Pa.—Established concern with storage space and full equipment desires to handle products of California manufacturers through their district sales agency.

D-207—Philadelphia, Pa.—Eastern concern desires to purchase oil burning equipment for the heating of residences and buildings.

D-208—Reedsport, Ore.—Commission company desires purchase a cargo of hay and alfalfa. Also could use few tons sugar, cement, building paper and nails. Can supply return cargo lumber to steamship line making the run.

D-200—San Francisco, Calif.—Local concern is in need of a punch press and shaper.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am.t
987	Johnson	Owner	20000
988	DWELLING.		
989	Rednal	Owner	5950
990	Scott	Burns	4500
991	Compagno	Clausen	8000
992	Bugbee	Thulin	6000
993	Warwick	Owner	100000
994	Brewington	Johnson	5000
995	Zigante	Smith	4500
996	Miller	Delaney	1300
997	Edmons	Meyer Bros.	8161
998	Helise	Olsen	23495
999	Same	Trousdale	4345
1000	Johns	Walters	42943
1001	Kay	Irwin	4000
1002	Jones	Irwin	4400
1003	Osborne	Carlson	13494
1004	Janssen	Owner	3950
1005	Phillips	Phillips	12900
1006	Sheehan	Andrews	4000
1007	Janssen	Owner	7900
1008	Peterson	Peterson	9300
1009	Coleman	Harder	9500
1010	Smith - Hoag	Owner	10000
1011	Torchia	Christina	3000
1012	Gould Smith	Salomon	3000
1013	Standard	Owner	1000
1014	Janssen	Owner	3950
1015	Hildebrand	Owner	3500
1016	Janssen	Owner	2950
1017	Lager	Owner	20000
1018	Flatley	Osborne	13500
1019	Martin	Little	7675
1020	Barrett	Moren	1000
1021	Merlo	Gioardi	2900
1022	Legallet	Bryant	21000
1023	Provident	Dinwiddie	4000
1024	Meyer	Owner	6000
1025	Neal	Grace	2000
1026	Billington	Kelly	3200
1027	Stradi	De Martini	7000
1028	Edmonds	Meyer	6000
1029	Hueter	Boxton	1200
1030	Stoddard	Owner	3000
1031	Wertheimer	Allen	6000
1032	Barbe	Nelson	1000
1033	Prophe	Dunn	7000
1034	Cohn	Jensen	27180
1035	Pacific Gas	Verano	56300
1036	Pertram	Meeyer	1255
1037	Martin	McLeran	100624
1038	Same	Coleman	10141
1039	Same	Pacific	17906
1040	Same	Pinkerton	5000
1041	Same	Watts	5650
1042	Same	Smith	29050
1043	Same	Zelinsky	7300
1044	Same	Rigney	3883
1045	Leiser	Hardy	24660
1046	Berg	Sartorio	4800
1047	Federal	Fordester	5957
1048	Ghiradelli	Owner	16000
1049	Johnson	Owner	7800
1050	Emlay	Owner	15000
1051	Johnson	Owner	800
1052	Herman	Walker	10000
1053	Unlon	Owner	2000
1054	Geiz	Owner	10000
1055	Gullmes	Owner	8000
1056	North	Owner	6000
1057	Reese	Lewis	1000
1058	Stewart	Monson	3500
1059	Joost	Hinrichs	1700
1060	Wertheimer	Allen	7713
1061	Prearato	Hardy	31350
1062	Gray	Roemer	2000
1063	Kaufmann	Boxton	9500
1064	Funk	Chase	1018

3207	Wacker	McLaughlin	3500
3208	Barlman	Wagner	3800
3209	Archer	Owner	3500
3210	Keane	Owner	2000
3211	Winship	Wagner	2000
3212	Haustein	Owner	3500
3213	Purcell	Owner	4500
3214	Douglass	Owner	3500
3215	Crocker	Samuelson	7500
3216	Bloom	S. F.	1500
3217	Alberigi	Mori	1400
3218	Dierks	Owner	5000
3219	Toner	Owner	4000
3220	Harkside	Owner	14000
3221	Hewlett	Owner	4000

(3131) W. BRODERICK 42 S. GREEN-
wich St. Two-story and basement
frame dwelling.
Owner—W. W. Rednal, 2500 Filbert
St., San Francisco.

Architect—Plans by Owner. \$5950

DWELLING.

(3132) W. BRYANT 213 S. TWENTY-
sixth. Two-story and basement
frame dwelling.
Owner—Clarence Scott, 1029 Hollister
Ave., San Francisco.
Architect—None.
Contractor—J. M. Burns, 101 Thornton
Ave., San Francisco. \$4500

FLATS.

(3133) W. EIGHTEENTH AVE. 175 N.
Clement. Two-story and basement
frame (2) flats.
Owner—S. Compagno, care Architect.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco. \$8000

DWELLING.

(3134) S. HILDAGO AVE. 128-3 E.
Dolores. One-story and basement
frame dwelling.
Owner—M. Snyder, 26 Montgomery St.,
San Francisco.
Architect—Arthur S. Bugbee, 26 Mont-
gomery St., San Francisco.
Contractor—A. L. Thulin Co., 180 Jessie
St., San Francisco. \$6000

APARTMENTS.

(3135) E. LARKIN 57-6 N. SUTTER.
Four-story and basement concrete
(31) apartments.
Owner—Harry C. Warwick, 2191 Wash-
ington St., San Francisco.
Architect—None. \$100,000

DWELLING.

(3136) W. TWENTY-SIXTH AVE. 150
U. Ulloa. One-story and basement
frame dwelling.
Owner—Miss L. Brewington.
Architect—L. E. Peyser, 2447 26th Ave.,
San Francisco.
Contractor—Edward A. Johnson, 2445
26th Ave., San Francisco. \$5000

DWELLING.

(3137) W. BRUSSELS 126 S. E.
Fulton. Two-story and basement
frame dwelling.
Owner—Joseph Zigante.
Architect—None.
Contractor—Martin Smith, 114 Girard
St., San Francisco. \$4500

ALTERATIONS.

(3138) 3964 NINETEENTH ST. Al-
terations for basement garage;
concrete floor, add sun porch, com-
position roofing, etc.
Owner—George F. Miller, 3964 19th St.,
San Francisco.
Architect—None.

Contractor—Chas. A. Delaney, 2415
Bush St., San Francisco. \$1300

COTTAGES

(3139) E. SEVENTEENTH AVE 222-6
S. Lafoa. All work for two five-
room cottages.
Owner—J. W. Edwards, 672 27th Ave.,
San Francisco.
Architect—None.

Contractor—Meyer Bros., 5326 Geary
St., San Francisco.

Filed Aug. 18, '22. Dated Aug. 16, '22.
Frame up \$2040.27
Prown coated 2040.25
Completed 2040.25
Usual 35 days 2040.25
TOTAL COST, \$8164.09

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications, none.

BUILDING.

(3140) SW MARKET 259-7½ SW Noe
SW 32-1½ S 110 E 25 N 131-6½
Three-story building.
Owner—W. L. Heise, 30 Woodland Ave.,
San Francisco.
Architect—Albert W. Burgren, 110
Sutter St., San Francisco.
Contractor—Olsen & Persson, 289 Feli
St., San Francisco.

Filed Aug. 19, '22. Dated Aug. 19, '22.
Frame up \$4200
Lathing 4200
Finished plaster on 4200
Completed 4200
Usual 35 days 5695

TOTAL COST, \$22,195
Bond, \$11,250. Sureties, S. Persson &
A. F. Peterson. Limit, 110 days. For-
feit, none. Plans and specifications
filed.

(3141) SEWERING, PLUMBING AND
gas fitting on above.

Contractor—W. E. Trousdale & Co.,
1728 Sacramento St., S. F.
Filed Aug. 19, '22. Dated Aug. 17, '22.
Roughed in \$1600
Completed 1645
Usual 25 days 1100

TOTAL COST, \$4345
Bond, \$2200. Surety J. P. Trouillet
Limit, forfeit, none. Plans and speci-
fications filed.

APART. BLDG.

(3142) N. PACIFIC 137-6 S Buchanan
E 31-3XN 137-8½ W 31-3XN 127-8½
All work for apartment building.
Owner—H. M. Johns, 1234 Lombard,
San Francisco.
Architect—C. A. Applegarth, 1800 Claus
Spreckels Bldg., San Francisco.
Contractor—Walter & Grove.
Filed Aug. 17, 1922.

1st and 15th of each month 75%
Usual 35 days 25%

TOTAL COST, \$42,943
Bond, none; sureties, none; forfeit, \$1;
limit, 100 days after Aug. 17, 1922.
Specifications only filed.

ALTERATIONS

(3143) NO. 1619 VALEJO. All work
for remodeling building.
Owner—E. W. Kay, Trus., 605 Marke,
San Francisco.
Architect—None.
Contractor—James J. Irwin, 3618 16th
St., San Francisco.

Filed Aug. 19, '22. Dated Aug. 18, '22.
work started \$1600
Flastered 1000
Completed 1000
Usual 35 days 1000

TOTAL COST, \$4000
Bond, limit, forfeit, none. Plans and
specifications filed.

ALTERATIONS

(3144) NO. 140 ROMAIN ST. All work for remodeling building.
Owner—Elizabeth Jones
Architect—None.
Contractor—James J. Irwin, 3618 16th St., San Francisco.
Filed Aug. 19, '22. Dated Aug. 15, '22.
House moved \$1400
Plastered 1000
Completed 2000
TOTAL COST, \$4400

Bond, limit, forfeit, none. Plans and specifications filed.

DWELLING

(3145) W. TENTH AVE AND ANZA 37 X85. All work except fixtures, shades and mantel for dwelling.
Owner—Inez Flatley.
Architect—Erle J. Osborne, Balboa Bldg., San Francisco.
Contractor—Elmer Carlson, 180 Jessie St., San Francisco.
Filed Aug. 19, '22. Dated Aug. 18, '22.
Frame up \$3573
Plastered 3373
Completed 3373
Usual 35 days 3373
TOTAL COST, \$13,494

Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

DWELLING

(3146) S. BALBOA 50 W. 9TH AVE. One-story and basement frame dwelling.
Owner—E. A. Janssen, 320 Hearst Bldg., San Francisco.
Architect—None. \$3950

FLATS

(3147) W. TWENTY-FOURTH AVE., 175 N. California. Two-story and basement frame (2) flats.
Owner—C. Fillippis, care Architect.
Architect—August G. Headman, 747 New Call Bldg., San Francisco.
Contractor—V. Fillippis, 180 Jessie St., San Francisco. \$12,800

FLATS

(3148) N. E. COSO AND PROSPECT AVE. Story and basement frame (2) flats.
Owner—Mrs. Catherine W. Sheehan, 4 Prospect Ave., San Francisco.
Architect—None.
Contractor—John A. Andrews, 4320 Irving St., San Francisco. \$1000

DWELLINGS

(3149) E EIGHTEENTH AV 175 & 200 N. Fulton. Two 1-story and basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950 each

FLATS

(3150) N. FIFTEENTH 121 W. NOE. Two-story and basement frame (2) flats.
Owner—E. R. Peterson, 188 Noe St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—G. Petterson, 517 Monadnock Bldg., San Francisco. \$3900

RESIDENCE

(3151) E. FOURTH AVE. 624 S. CABRILLO. Two-story and basement frame residence.
Owner—Nellie R. Coleman, 1462 California St., San Francisco.
Contractor—John Harder, 870 39th Ave., San Francisco. \$9500

ALTERATIONS & ADDITIONS

(3152) N. JACKSON 33.5 E. WEBSTER. General alterations and minor additions for apartments.
Owner—Smith - Hoag, Inc., 2256 Jackson St., San Francisco.
Architect—Lewis M. Gardner, 942 Pine St., San Francisco. \$10,000

ALTERATIONS

(3153) NW JACKSON & COLUMBUS AVE. Alterations and repairs to printing shop.
Owner—G. Torchia, 52 Columbus Ave., San Francisco.
Architect—Italo Zanolini, 604 Montgomery St., San Francisco.
Contractor—C. Cristina, 691 Broadway, San Francisco. \$5000

REPAIRS

(3154) NO. 1127 HYDE. Repair fire damage to apartments.
Owner—Edith N. Gould-Smith, Hotel Claremont, Berkeley.
Architect—None.
Contractor—L. Salomon, 1430 Ellis St., San Francisco. \$3000

SERVICE STATION

(3155) NE PLYMOUTH AND OCEAN AVE. One-story steel service station.
Owner—Standard Oil Co., 298 Rush St., San Francisco. \$1000
Plans by Owner.

DWELLING

(3156) W TWENTY-THIRD AVE 280 N Geary. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950

ALTERATIONS

(3157) S TURK 150 W. Willard. Construct concrete foundations for two-story frame flats; alter store for flat; lathing and plastering patent flues.
Owner—E. H. Hildebrand and A. J. Fabre, 110 Sutter St., S. F.
Architect—None. \$3500

DWELLING

(3158) E TWENTY-SEVENTH AVE., 152 N. Cabrillo. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950

FRAME FLATS

(3159) NE SECOND AVE AND CORN- wall. Two-story and basement frame (4) flats.
Owner—M. Lager and Val Franz, 180 Jessie St., San Francisco.
Architect—None. \$20,000

RESIDENCE

(3160) SW ANZA AND TENTH AVE. Two-story and basement frame residence.
Owner—Inez Flatley, 2 Atalaya Terrace, San Francisco.
Architect—Erle J. Osborne, 593 Market St., San Francisco.
Contractor—Elmer Carlson, 180 Jessie St., San Francisco. \$13,500

FLATS

(3161) N CALIFORNIA 32-6 E-Eleventh Av E 25xN 100. All work for two-story and basement frame (2) flats.
Owner—Thomas and Frances L Martin 4850 California St., S. F.
Architect—None.
Contractor—John Little & Son, 1355 Lincoln Way, San Francisco.
Filed Aug. 21, '22. Dated Aug. 11, '22.
Rough frame up \$1918.75
Brow coated 1918.75
Completed and accepted 1918.75
Usual 35 days 1918.75
TOTAL COST, \$7675.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
NOTES—Permit applied for today.

ALTERATIONS

(3162) NO. 3469 MISSION. Alterations, shelving, etc., for store.
Owner—E. G. Barrett.
Architect—None.
Contractor—G. R. Morcen, 125 Falcon Ave., San Francisco.

Filed Aug. 21, '22. Dated Aug. 21, '22.
Shelving installed \$500
Completed and accepted 500
TOTAL COST, \$1000
Bond, none. Limit, Sept. 20, 1922. Forfeit, none. Specifications only filed.

FRAME BLDG.

(3163) AT SIX MILE HOUSE near No. 288 Hahn St. All work for four-rooms and basement frame building.
Owner—Tony Merlo, 303 1/2 S-Sunnydale St., San Francisco.
Architect—None.
Contractor—Giacomo Gioardi, 938 Rutland St., San Francisco.
Filed Aug. 22, '22. Dated Apr. 22, '22.
Roof on \$1000
Completed and accepted 1000
Usual 35 days 900
TOTAL COST, \$2900
Bond, limit, forfeit, plans and specifications, none.

ALTERATIONS, ETC.

(3164) BLOCK BIED BY PHELP, Quint, Jerrold Ave. and Kirkwood Ave. All work for erection of new structures and alterations, etc., to old buildings.
Owner—Legallet-Hellwig-Norton Co., 1600 Fairfax Ave., San Francisco.
Architect—Leland S. Rosener, Insurance Exchange Bldg., San Francisco.
Contractor—J. A. Bryant, 180 Jessie St., San Francisco.
Filed Aug. 21, '22. Dated Aug. —, '22.
On 1st and 15th of each month 75%
Usual 35 days, 25% \$523.75
TOTAL COST, \$21,000
Bond, \$10,500. Surety, Fidelity & Deposit Co. of Maryland. Limit, none. Plans and specifications filed.

ALTERATIONS

(3165) NO. 15-53 POST. Alterations and changes to office.
Owner—Provident Securities Co., Crocker Bldg., San Francisco.
Architect—Louis P. Hobart, Crocker Bldg., San Francisco.
Contractor—Dinwiddie Constr. Co., Crocker Bldg., S. F. \$1000

DWELLINGS

(3166) E FORTY-FIFTH AVE 45 and 90 S. Geary. Two one-story and basement frame dwellings.
Owner—Meyer Bros., 5326 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$5000 each

ALTERATIONS

(3167) SW SUTTER AND POWELL. Underpin south wall of stores approximately 62 ft. with 1-in. brick wall with 34-in. footing.
Owner—Real Property Invest. Co., 1st National Bank Bldg., S. F.
Architect—None.
Contractor—Grace & Bernieri, 719 Claus Spreckels Bldg., San Francisco. \$2000

ADDITION

(3168) S CLEMENT 50 E Eighth Ave. One-story frame addition for book store.
Owner—J. R. Billington, 11th Ave. and Anza, San Francisco.
Architect—J. M. Ploeger, 2328 Dwight Way, Berkeley.
Contractor—Coffy, L. Kelly, 337 21st Ave., San Francisco. \$3200

DWELLING

(3169) W WEBSTER 50 S Chestnut. Two-story and basement frame dwelling.
Owner—J. Stradi.
Architect—P. P. De Martini, 946 Broadway, San Francisco.
Contractor—P. DeMartini, 2869 Octavia St., San Francisco. \$7000

DWELLINGS

(3170) F SEVENTEENTH AVE 222-6 and 242-6 Balboa. Two one-story and basement frame dwellings.

Owner—J. W. Edmonds, 672 27th Ave., San Francisco.
 Architect—H. C. Baumann, 251 Kearny St., San Francisco.
 Contractor—Meyer Bros., 5326 Geary St., San Francisco. \$3000 each

ADDITION

(3111) NO. 2930 VALLEJO. Add two rooms and bath to residence.
 Owner—O. M. Hueter, Premises.
 Architect—None.
 Contractor—Boston & Zwieg, 809 Marion Bldg., San Francisco. \$120

ALTERATIONS

(3172) NO. 1912 GREEN. Add one-story frame to residence for (2) flats; alter basement for garage.
 Owner—H. O. Stoddard, Premises.
 Architect—W. H. Armitage, 72 New Montgomery St., S. F. \$3000

RESIDENCE

(3173) N SEA CLIFF AVE 121 W Twenty-fourth Ave. One-story & basement frame residence.
 Owner—Leon Wertheimer, & Architect.
 Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
 Contractor—Allen & Co., 168 Sutter St., San Francisco. \$6000

ALTERATIONS

(3174) NO. 1533 PACIFIC AVE. Remove present and construct new light wall with skylights; show windows, etc., for laundry.
 Owner—J. Barbe, Premises.
 Architect—Wm. F. Gunnison, 1666 Golden Gate Ave., S. F.
 Contractor—E. K. Nelson Bldg. Co., 77 O'Farrell St., S. F. \$1000

ALTERATIONS

(3175) NO. 2412 MISSION. Alter store.
 Owner—Matilda Prophe, Princeton, Colusa Co., Calif.
 Architect—W. L. Schmollie, 40 Montgomery St., San Francisco.
 Contractor—Joseph Dunn, 49 Montgomery St., San Francisco. \$7000

CONCRETE BLDG.

(3176) NE. MISSION AND EUGENIA Ave. N. 100 x E. 58-6, Ptn. blk. 2, Cobb Tract. All work for 1-story Class C reinforced concrete bldg.
 Owner—E. A. Cohn.
 Architect—August G. Headman, Call Bldg., San Francisco.
 Contractor—G. P. W. Jensen, 320 Market St., San Francisco.
 Filed Aug. 22, '22. Dated Aug. 21, '22.
 Forms in ready for pouring concrete \$6795
 Walls poured and finished, roof on 6795
 Completed 6795
 Usual 35 days 6795
 TOTAL COST, \$27,180
 Bond, \$13,590; sureties, John A. Grennan, George W. Hooper; limit, 90 days. Plans and specifications filed.

FOUNDATION FOR GAS HLDR.

(3177) S. ARMY 200 E. DE HARO S. 41 21' E. 249-2 S. 53 31' W. 236-17 S. 4 4' E. 156-6 N. 53 31' E. 227-24 N. 4 21' W. 116-23 S. 85 31' W. 460 more or less. All work for foundation for 10,000,000 cu. ft. gas holder.
 Owner—Pac. Gas & Elec. Co., 445 Sutter St., San Francisco.
 Architect—None.
 Contractor—H. C. Vensano & Co., 58 Sutter St., San Francisco.
 Filed Aug. 22, '22. Dated Aug. 18, '22.
 Payments of 75¢ on 15th and last of each month.
 25% 35 days after.

TOTAL COST, \$56,300
 Bond, \$45,000; sureties, Fidelity & Deposit Co. of Maryland; forfeit, none; limit, Oct. 10, 1923. Plans and specifications filed.

COTTAGE.

(3178) W. FOURTIETH AVE. 155 N. Geary. All work for a 5-room cottage.
 Owner—George A. Bertram, 2034 Van Ness Ave., San Francisco.
 Architect—None.

Contractor—Meyer Bros., 5326 Geary St., San Francisco.
 Filed Aug. 22, '22. Dated Aug. 22, '22.
 Frame up \$1066.25
 Brown coated 1066.25
 Completed 1066.25
 Usual 35 days 1066.25
 TOTAL COST, \$4265

Bond, none; sureties, none; forfeit, none; limit, 90 days. Plans and specifications, none.

CLASS A BLDG.

(3179) SW HYDE AND GREENWICH ST. 288 40. Carpenter and mill work, concrete, marble, roofing, iron, glazing and masonry work for ten-story and basement Class A building.

Owner—O. B. Martin, 1201 Greenwich St., San Francisco.
 Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.
 Contractor—R. McLeran & Co., Hearst Bldg., San Francisco.
 Filed Aug. 22, '22. Dated Aug. 1, '22.
 On 5th of each month 75%
 Usual 35 days 25%
 TOTAL COST, \$100,621

Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(3180) PLUMBING ON ABOVE.

Contractor—Alexander Coleman, 706 Ellis St., San Francisco.
 Filed Aug. 22, '22. Dated Aug. 1, '22.
 Payments same as above.

TOTAL COST, \$16,141
 Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(3181) STRUCTURAL STEEL AND CAST IRON WORK ON ABOVE.

Contractor—Pacific Rolling Mill Co., 17th and Mississippi Sts., S. F.
 Filed Aug. 22, '22. Dated Aug. 1, '22.
 2nd floor erected \$2000.00
 6th floor erected 3800.00
 Completed and accepted 7629.50
 Usual 35 days 4476.50
 TOTAL COST, \$17,996.00
 Bond, none. Limit, 100 days after Aug. 19. Forfeit, none. Plans and specifications filed.

(3182) STEAM AND HOT WATER HEATING AND OIL BURNERS ON ABOVE.

Contractor—Jas. H. Pinkerton, 180 Jessie St., San Francisco.
 Filed Aug. 22, '22. Dated Aug. 1, '22.
 Pipes roughed in \$1750
 Accepted 2000
 Usual 35 days 1250
 TOTAL COST, \$5000

Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

(3183) ELECTRICAL WORK ON ABOVE.

Contractor—Watts Electric Co., 133 4th St., San Francisco.
 Filed Aug. 22, '22. Dated Aug. 1, '22.
 Conduits installed to 5th floor \$1227.59
 All conduits in 1500.00
 Completed and accepted 1500.00
 Usual 35 days 1415.53
 TOTAL COST, \$5650.00

Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(3184) LATH AND PLASTER ON ABOVE.

Contractor—Jas. F. Smith, 273 Minna St., San Francisco.
 Filed Aug. 22, '22. Dated Aug. 1, '22.
 Ready for plaster \$7037.50
 Brown coated 7000.00
 Completed, except patching.. 7000.00

Completed and accepted 750.00
 Usual 35 days 7262.50
 TOTAL COST, \$29,050.00
 Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(3185) PAINTING ON ABOVE.

Contractor—D. Zelinsky & Sons, 429 Turk St., San Francisco.
 Filed Aug. 22, '22. Dated Aug. 1, '22.
 Interior wood work primed \$1475
 3rd coat on interior 2000
 Completed and accepted 2000
 Usual 35 days 1925
 TOTAL COST, \$7300

Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(3186) TILING ON ABOVE.

Contractor—The Rigney Tile Co., 180 Jesse St., San Francisco.
 Filed Aug. 22, '22. Dated Aug. 1, '22.
 50% of work done \$1456.25
 75% of work done 728.00
 Completed and accepted 728.00
 TOTAL COST, \$3383.00
 Bond, none. Limit, 36 days after ready for same. Forfeit, none. Plans and specifications filed.

APARTMENTS

(3187) E HYDE 112-6 N Broadway N 25X E 137-6. All work for three-story and basement frame apartment building.

Owner—Mrs. Rose Leiser.
 Plans by Contractor.
 Contractor—A. M. Hardy, 518 24th Ave., San Francisco.

Filed Aug. 22, '22. Dated June 16, '22.
 Frame up \$6165
 Brown coated 6165
 Completed and accepted 6165
 Usual 35 days 6165
 TOTAL COST, \$24,660
 Bond, none. Limit, 120 days after June 22, 1922. Forfeit, none. Plans and specifications filed.

BUILDING

(3188) SE FOSWORTH AND CUIVER All work for two-story frame building.

Owner—Chas. Berg.
 Architect—None.
 Contractor—Peter Sartorio, 425 Kearny St., San Francisco.
 Filed Aug. 22, '22. Dated Aug. 22, '22.
 Roof on \$1200
 Plastered 1200
 Completed and accepted 1200
 Usual 35 days 1200
 TOTAL COST, \$4800

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications, none.

WINDOW FRAMES, ETC.

(3189) NW BATTERY AND SACRAMENTO W 275xN 119-6. Hollow metal window frames and sash for seven-story Class A bank bldg.
 Owner—Federal Reserve Bank. 315 Battery St., San Francisco.
 Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.

Contractor—Forrester Ornice Works, 269 Potrero Ave., San Francisco.
 Filed Aug. 28, '22. Dated Aug. 2, '22.
 On 19th of each month 75%
 Usual 35 days 25%
 TOTAL COST, \$6387
 Bond, \$3494. Surety, United States Fidelity & Guaranty Co. Limit, Oct. 1, 1922. Forfeit, none. Plans and specifications filed.

FLATS

(3190) NE FIFTEENTH AND NATOMA Three-story frame (4) flats.
 Owner—John Ghirardelli, 1399 Natoma St., San Francisco.
 Architect—Dodge A. Reidy, 850 Pacific Bldg., San Francisco. \$16,000

DWELLINGS

(3191) E NINETEENTH AVE 90 and 116-4 S Lewton. Two one-story and basement frame dwellings.

Owner—Louis Johnson, 2260 19th Ave., San Francisco.
Architect—None. \$3900 each

ALTERATIONS

(3192) 3-W FIFTH AVE AND CORNWALL. Alter 6 flats for (12) apartments.

Owner—F. F. Emley, Care Architect.
Architect—Arthur G. Scholz, Phelan Bldg., San Francisco. \$15,000

DWELLING

(3193) E NINETEENTH AVE 142-8 & 169 S Lawton. Two one-story and basement frame dwellings.
Owner—Louis Johnson, 2260 19th Ave., San Francisco.
Architect—None. \$3900 each

RESIDENCE

(3194) SE BAKER AND THE MARINA (Tonquin St.) Two-story and basement frame residence.
Owner—A. R. Herman.
Architect—W. H. Armitage, 77 New Montgomery St., San Francisco.
Contractor—G. H. Walker, 2174 Union St., San Francisco. \$10,000

STATION

(3195) SW MISSION AND ARMY. One-story steel service station.
Owner—Union Oil Co. of California 241 Mills Bldg., San Francisco.
Plans by Owner. \$2000

DWELLINGS

(3196) W. TWENTY-FOURTH AVE 250 and 275 N Fulton. Two two-story and basement frame dwellings.
Owner—Sol Getz & Sons, 2410 Ave. and Lincoln Way, San Francisco.
Plans by Owner. \$5900 each

FLATS

(3197) NE CHATTANOOGA & JERSEY. Two-story and basement frame (1) flats.
Owner—V. Guillems, 1825 Castro St., San Francisco.
Architect—None. \$8000

ALTERATIONS

(3198) COLUMBUS AVE & POWELL. New front, plastering; erect marquis and other alterations for theatre.
Owner—North Beach Theatre Inc., 200 Golden Gate Ave., San Francisco.
Architect—E. J. Joseph and R. A. Fyle, New Call Bldg., San Francisco. \$6000

ALTERATIONS

(3199) 127 SIXTEENTH AVE. Alterations for dwelling.
Owner—W. J. and Lydia Reese, 127 16th Ave., San Francisco.
Architect—None.
Contractor—D. Lewis, 4143 23rd St., San Francisco. \$1600

EXCAVATION

(3200) NE WASHINGTON & GOUGH. 130 on Washington by 139-4½ on Gough. All work for excavation of lot.
Owner—Joseph L. Stewart, 1214 Claus Spreckels Bldg., S. F.
Architect—None.
Contractor—Monson Bros., 251 Kearny St., S. F.
Filed Aug. 23, '32. Dated Aug. 22, '32. On completion 75%
30 days after 25%
TOTAL COST, \$3500
Bond, \$1750. Surety, Maryland Casualty Co. Limit, 15 days. Forfeit, none. Plans only filed.

ALTERATIONS

(3201) N TWENTY-SIXTH 25 E Mission. Alterations to 1-story store building.
Owner—Fahian & Martin W. Joest, John Friedmann, Nathilde Meyer, Frieda H. Strauch and Dora Meyer, Martinez, Cal.

Architect—None.

Contractor—J. F. Hinrichs, 216 13th St., S. F.
Addition to stores, frame up. \$—
Filed Aug. 23, '32. Dated Aug. 15, '32.
Rough floor on, rustic, etc.
Roof boards on
Door in, plate glass in, etc.
Completed and accepted.
Usual 60 days
TOTAL COST, \$1700

Bond, none; sureties, none; forfeit, none; limit, 50 days. Plans filed.

RESIDENCE

(3202) LOT 61, SUB. 1, SEACLIFF. All work for 1-story frame residence.
Owner—Rhea and Leon Wertheimer.
Architect—Earl E. Bertz, 168 Sutter St., S. F.
Contractor—Allen & Co., 168 Sutter St., S. F.
Filed Aug. 23, '32. Dated Aug. 22, '32.
Frame up \$1928.25
Brown coated 1928.25
Completed 1928.25
Usual 35 days 1928.25
TOTAL COST, \$7713
Bond, none; sureties, none; forfeit, none; limit, 90 days. Plans and specifications filed.

BUILDING

(3203) N BALBOA 82-6 E Nineteenth Ave E 75xN 190. All work for two-story and basement frame building.
Owner—Vincent and Anita D. Onorato, 1580 Hayes St., San Francisco.
Architect—A. M. Hardy, 6217 California St., San Francisco.
Contractor—A. M. Hardy.
Filed Aug. 23, '32. Dated June 21, '32.
Frame up \$7837.50
Brown coated 7837.50
Completed and accepted. 7837.50
Usual 35 days 837.50
TOTAL COST, \$31,350.00
Bond, \$15,675. Surety, Fidelity & Deposit Co. Limit, 130 days from July 1, 1932. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(3204) NO. 827 Broderick. Excavate basement and concrete floor for garage; other minor alterations and changes for (2) flats.
Owner—Mrs. J. Gray, Premises.
Architect—None.
Contractor—Fred A. Roemer, 318 Fair Oaks Ave., San Francisco. \$2000

DWELLING

(3205) E FIFTEENTH AVE 189-10 N Anza. One-story and basement frame dwelling.
Owner—Sigmund and Bertie Kaufmann, 310 California St., San Francisco.
Architect—T. Paterson Ross, 310 California St., San Francisco.
Contractor—Boxton & Zwieg, Flatiron Bldg., San Francisco. \$9500

ALTERATIONS

(3206) NO. 279 FREDERICK. Grade basement; cement flooring; alter for basement garage.
Owner—Johr Funk, 59 Noe St., S. F.
Architect—None.
Contractor—S. A. Chase, 80 Douglas St., San Francisco. \$1018

STUDIO

(3207) S FULTON 166-9 E Franklin. One-story concrete studio.
Owner—A. C. Wecker, 1370 Sutter St., San Francisco.
Architect—None.
Contractor—J. L. McLaughlin, 261 Kearny St., San Francisco. \$3500

REPAIRS

(3208) W HYDE 160 N California. Repair fire damage to (5) apartments.
Owner—Mrs. Earhman, 1135 Hyde St., San Francisco.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco. \$3800

DWELLING

(3209) E LEE AVE 175 N Grafton. One-story and basement frame dwelling.
Owner—Fred Archer, 242 Lee Ave., San Francisco.
Architect—None. \$3500

DWELLING

(3210) N MARIPOSA 25 W Texas. One-story and basement frame dwelling.
Owner—Patrick Keane, 1402 Shrader St., San Francisco.
Plans by Owner. \$2000

UNDERPIN OFFICE BLDG.

(3211) — POST 137½ E Powell. Underpin office building.
Owner—Winship Estate, 350 Post St., San Francisco.
Architect—None.
Contractor—D. R. Wagner, 540 Call Bldg., San Francisco. \$2000

RESIDENCE

(3212) W SAN JOSE AVE 75 E Goethe. One-story and basement frame residence.
Owner—Henry W. Haustein, 273 Niantic Ave., Daly City.
Architect—None. \$3800

DWELLING

(3213) E THIRTY-FIFTH AVE 35 S Balboa. One-story and basement frame dwelling.
Owner—J. S. Purcell, 856 Presidio Ave., San Francisco.
Architect—None. \$4500

DWELLING

(3214) W THIRTY-NINTH AVE 75 S Anza. One-story and basement frame dwelling.
Owner—T. A. Douglass, 2727 Geary St., San Francisco.
Architect—None. \$3500

DWELLINGS

(3215) W VIENNA 37.31 and 69.31 S Amazon. Two one-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 390 Ralph St., San Francisco. \$3800 each

ALTERATIONS

(3216) S GREENWICH 27-6 E LYON San Francisco. Alterations for apartments.
Owner—Mrs. J. Bloom, 2860 Greenwich St., San Francisco.
Architect—None.
Contractor—S. F. Dol Poste, 329 Fell St., San Francisco. \$1500

GARAGE

(3217) 1931 Union St. One-story frame (private) garage.
Owner—A. Alberigl, 1931 Union St., San Francisco.
Architect—None.
Contractor—G. Mori, 5 Charlton St., San Francisco. \$1400

ALTERATIONS

(3218) NE DIVISADERO AND McALLISTER Streets. Alterations for store, new front.
Owner—Theo. Dierks.
Architect—E. A. Neumarkel, 544 Market St., San Francisco. \$5000

RESIDENCE

(3219) N FULTON 100 E 20TH AVE. Two-story and basement frame dwelling.
Owner—Dr. and Mrs. J. M. Toner, 276 Fair Oaks St., San Francisco.
Architect—R. R. Irvine, 507 Call Bldg., San Francisco. \$4000

DWELLINGS

(3220) W 32ND AVE, 25 & 50 N Ulloa. Two 1-story and basement frame dwellings.

Owner - Parkside Realty Co., 617 Crocker Bldg., San Francisco.
Architect - Chas. F. Strothoff, 2274 15th St., San Francisco.
Days work. \$7000 each

RESIDENCE
(3221) S ANZA 100 E 15TH AVE.
Two-story and basement frame dwelling.
Owner - Edward Hewlett and Wife, 751 9th Ave., San Francisco.
Architect - R. H. Irvine, 507 Call Bldg., San Francisco. \$4000

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded **Accepted**
Aug. 24, 1922 - NE SEVENTEENTH Ave and California. W. A. Savage to whom it may concern. Aug. 21, 1922
Aug. 24, 1922 - E POWELL 68-6 N Bush N 69E 67-6. Edward Beck to Anderson & Ringrose. August 23, 1922
Aug. 24, 1922 - E TWENTY-FOURTH Ave 100 and 125 S Lake 25x120. Patrick J. and Julia A. Phelan to whom it may concern. Aug. 20, 1922
Aug. 24, 1922 - W TWENTY-THIRD Ave 75 N Fulton N 25W 107-6. Nick Heminga to whom it may concern. August 23, 1922
Aug. 24, 1922 - SE ASHBURY AND Clifford Lots 31 and 32 Park Lane Tract No. 6. W. H. Humphrey and Myrtle R. Humphrey to whom it may concern. August 24, 1922
Aug. 24, 1922 - S GEARY 137-6 W Mason W 106xS 137-6. Curran Theatre Co. to Joseph Musto Sons - Keenan Co. August 23, 1922
Aug. 23, 1922 - W EIGHTEENTH AVE 200 N Fulton 25x120; No. 765-763 18th Ave. Adolph Petry to whom it may concern. August 22, 1922
Aug. 23, 1922 - W EIGHTEENTH AVE - N Fulton 25x120; No. 765 and 763 18th Ave. Adolph Petry to whom it may concern. Aug. 23, 1922
Aug. 23, 1922 - S CALIFORNIA 107-6 E 21st Ave. E 25xS 100. August Magnuson and Adrian Peterson to whom it may concern. Aug. 17, 1922
Aug. 23, 1922 - S CLINTON PARK 162-6 W Guerrero W 25xN 110. Theodore P. and Antonia Merz to whom it may concern. Aug. 1, 1922
Aug. 23, 1922 - W TWENTY-SECOND Ave 150 N Clement 25x120. G. E. Watson Bldg Co. to whom it may concern. August 23, 1922
Aug. 23, 1922 - W TWENTY-SECOND Ave 100 and 125 N Clement 25x120. G. E. Watson Bldg Co. to whom it may concern. August 22, 1922
Aug. 23, 1922 - E NINTH AVE 25 N Fulton N 25E 81-8. Michael McDonough to whom it may concern. August 22, 1922
Aug. 22, 1922 - N TWENTY-THIRD 50 W Chattanooga W 22-6xN 65. Edw. F. and Catherine Copeled to George W. Merritt. August 22, 1922
Aug. 22, 1922 - W TWENTIETH AV 200 S Cabrillo S 50xW 120. O. N. Fitzgerald to whom it may concern. August 19, 1922
Aug. 22, 1922 - N O'FARRELL 158 W Hyde W 48-3xN 137-6. Thomas B. Lovell to Jas H. Hjul. Aug. 21, 1922
Aug. 22, 1922 - LOCATION NOT Given. F. H. Eamman to Fred Frege. August 17, 1922
Aug. 19, 1922 - E LEAVENWORTH - 87-6 N California 25x110. Harold Johnson to whom it may concern. August 4, 1922
Aug. 19, 1922 - W SEVENTEENTH Ave 153-11 N Clement. P. H. McCarthy to Meyer Bros. August 18, 1922
Aug. 19, 1922 - NO 781 FOURTEENTH Ave. California. D. O'Reilly to whom it may concern. Aug. 4, 1922
Aug. 22, 1922 - LOT 10 BLK 25. Crocker Amazon Tract. Jack F.

Linder to whom it may concern. August 21, 1922
Aug. 22, 1922 - LOT 34-A, 77-A and 39-A Metropolis Sub. Blk. 3389. Clarendon Court. Julius H. Berg-hausner to whom it may concern. August 22, 1922
Aug. 22, 1922 - COM. 11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1094-1095-1096-1097-1098-1099-1100-1101-1102-1103-1104-1105-1106-1107-1108-1109-1110-1111-1112-1113-1114-1115-1116-1117-1118-1119-1120-1121-1122-1123-1124-1125-1126-1127-1128-1129-1130-1131-1132-1133-1134-1135-1136-1137-1138-1139-1140-1141-1142-1143-1144-1145-1146-1147-1148-1149-1150-1151-1152-1153-1154-1155-1156-1157-1158-1159-1160-1161-1162-1163-1164-1165-1166-1167-1168-1169-1170-1171-1172-1173-1174-1175-1176-1177-1178-1179-1180-1181-1182-1183-1184-1185-1186-1187-1188-1189-1190-1191-1192-1193-1194-1195-1196-1197-1198-1199-1200-1201-1202-1203-1204-1205-1206-1207-1208-1209-1210-1211-1212-1213-1214-1215-1216-1217-1218-1219-1220-1221-1222-1223-1224-1225-1226-1227-1228-1229-1230-1231-1232-1233-1234-1235-1236-1237-1238-1239-1240-1241-1242-1243-1244-1245-1246-1247-1248-1249-1250-1251-1252-1253-1254-1255-1256-1257-1258-1259-1260-1261-1262-1263-1264-1265-1266-1267-1268-1269-1270-1271-1272-1273-1274-1275-1276-1277-1278-1279-1280-1281-1282-1283-1284-1285-1286-1287-1288-1289-1290-1291-1292-1293-1294-1295-1296-1297-1298-1299-1300-1301-1302-1303-1304-1305-1306-1307-1308-1309-1310-1311-1312-1313-1314-1315-1316-1317-1318-1319-1320-1321-1322-1323-1324-1325-1326-1327-1328-1329-1330-1331-1332-1333-1334-1335-1336-1337-1338-1339-1340-1341-1342-1343-1344-1345-1346-1347-1348-1349-1350-1351-1352-1353-1354-1355-1356-1357-1358-1359-1360-1361-1362-1363-1364-1365-1366-1367-1368-1369-1370-1371-1372-1373-1374-1375-1376-1377-1378-1379-1380-1381-1382-1383-1384-1385-1386-1387-1388-1389-1390-1391-1392-1393-1394-1395-1396-1397-1398-1399-1400-1401-1402-1403-1404-1405-1406-1407-1408-1409-1410-1411-1412-1413-1414-1415-1416-1417-1418-1419-1420-1421-1422-1423-1424-1425-1426-1427-1428-1429-1430-1431-1432-1433-1434-1435-1436-1437-1438-1439-1440-1441-1442-1443-1444-1445-1446-1447-1448-1449-1450-1451-1452-1453-1454-1455-1456-1457-1458-1459-1460-1461-1462-1463-1464-1465-1466-1467-1468-1469-1470-1471-1472-1473-1474-1475-1476-1477-1478-1479-1480-1481-1482-1483-1484-1485-1486-1487-1488-1489-1490-1491-1492-1493-1494-1495-1496-1497-1498-1499-1500-1501-1502-1503-1504-1505-1506-1507-1508-1509-1510-1511-1512-1513-1514-1515-1516-1517-1518-1519-1520-1521-1522-1523-1524-1525-1526-1527-1528-1529-1530-1531-1532-1533-1534-1535-1536-1537-1538-1539-1540-1541-1542-1543-1544-1545-1546-1547-1548-1549-1550-1551-1552-1553-1554-1555-1556-1557-1558-1559-1560-1561-1562-1563-1564-1565-1566-1567-1568-1569-1570-1571-1572-1573-1574-1575-1576-1577-1578-1579-1580-1581-1582-1583-1584-1585-1586-1587-1588-1589-1590-1591-1592-1593-1594-1595-1596-1597-1598-1599-1600-1601-1602-1603-1604-1605-1606-1607-1608-1609-1610-1611-1612-1613-1614-1615-1616-1617-1618-1619-1620-1621-1622-1623-1624-1625-1626-1627-1628-1629-1630-1631-1632-1633-1634-1635-1636-1637-1638-1639-1640-1641-1642-1643-1644-1645-1646-1647-1648-1649-1650-1651-1652-1653-1654-1655-1656-1657-1658-1659-1660-1661-1662-1663-1664-1665-1666-1667-1668-1669-1670-1671-1672-1673-1674-1675-1676-1677-1678-1679-1680-1681-1682-1683-1684-1685-1686-1687-1688-1689-1690-1691-1692-1693-1694-1695-1696-1697-1698-1699-1700-1701-1702-1703-1704-1705-1706-1707-1708-1709-1710-1711-1712-1713-1714-1715-1716-1717-1718-1719-1720-1721-1722-1723-1724-1725-1726-1727-1728-1729-1730-1731-1732-1733-1734-1735-1736-1737-1738-1739-1740-1741-1742-1743-1744-1745-1746-1747-1748-1749-1750-1751-1752-1753-1754-1755-1756-1757-1758-1759-1760-1761-1762-1763-1764-1765-1766-1767-1768-1769-1770-1771-1772-1773-1774-1775-1776-1777-1778-1779-1780-1781-1782-1783-1784-1785-1786-1787-1788-1789-1790-1791-1792-1793-1794-1795-1796-1797-1798-1799-1800-1801-1802-1803-1804-1805-1806-1807-1808-1809-1810-1811-1812-1813-1814-1815-1816-1817-1818-1819-1820-1821-1822-1823-1824-1825-1826-1827-1828-1829-1830-1831-1832-1833-1834-1835-1836-1837-1838-1839-1840-1841-1842-1843-1844-1845-1846-1847-1848-1849-1850-1851-1852-1853-1854-1855-1856-1857-1858-1859-1860-1861-1862-1863-1864-1865-1866-1867-1868-1869-1870-1871-1872-1873-1874-1875-1876-1877-1878-1879-1880-1881-1882-1883-1884-1885-1886-1887-1888-1889-1890-1891-1892-1893-1894-1895-1896-1897-1898-1899-1900-1901-1902-1903-1904-1905-1906-1907-1908-1909-1910-1911-1912-1913-1914-1915-1916-1917-1918-1919-1920-1921-1922-1923-1924-1925-1926-1927-1928-1929-1930-1931-1932-1933-1934-1935-1936-1937-1938-1939-1940-1941-1942-1943-1944-1945-1946-1947-1948-1949-1950-1951-1952-1953-1954-1955-1956-1957-1958-1959-1960-1961-1962-1963-1964-1965-1966-1967-1968-1969-1970-1971-1972-1973-1974-1975-1976-1977-1978-1979-1980-1981-1982-1983-1984-1985-1986-1987-1988-1989-1990-1991-1992-1993-1994-1995-1996-1997-1998-1999-2000-2001-2002-2003-2004-2005-2006-2007-2008-2009-2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-

3596	Marquis	Owner	2200	3695	Nichelman	Owner	1200	Owner—Chas. F. Brown, 1707 Broadway, Oakland.
3597	Reinhens	Hudson	5960	3696	Berkeley	Owner	7000	Architect—None.
3598	Fish	Webb	4070	3697	Same	Fish	10980	Contractor—A. Stenbro, 1608 Hopkins, Oakland. \$3500
3599	Marquis	Owner	2200	3698	Bennett	Owner	23500	DWELLING.
3600	Marquis	Owner	5600	3699	Niel	Owner	9000	(3596) E. FORTIETH AVE. 175 N. Carrington, Oakland. One-story 4-room dwelling.
3601	Pitka	Pitka	3700	3700	Bowe	Roth	2500	Owner—E. M. Marquis. \$2200
3602	Graves	Owner	3650	3701	Menthe	Luce	3250	Architect—None.
3603	Daska	Kopf	3000	3702	Coogan	Place	8000	DWELLING.
3604	Marquis	Owner	4100	3703	Collins	Sanctuary	2500	(3597) N. E. COR. EDGEWOOD AND Glendora, Oakland. One-story 6-room dwelling.
3605	Simmonds	Walker	13000	3704	Brunquist	Johnson	4100	Owner—G. A. Reinhens. \$2500
3606	Eckhardt	Sommarmstrom	15500	3705	Warner	Owner	4000	Architect—None.
3607	Coogan	Place	4589	3706	Breilh	Peterson	1800	DWELLING.
3608	Kruse	Owner	3500	3707	Blora	Owner	1500	(3597) N. E. COR. EDGEWOOD AND Glendora, Oakland. One-story 6-room dwelling.
3609	Dolan	Owner	9000	3708	Rodgers	Owner	2000	Owner—G. A. Reinhens. \$2500
3610	Rose	Frostholt	3100	3709	Leon	Owner	2500	Architect—None.
3611	Hink	Johnson	3333	3710	Breilh	Peterson	3600	Contractor—L. G. Hudson, 1771 Evers Ave., Oakland. \$5960
3612	Shepherd	Jordan	3150	3711	Dykes	Stewart	3500	DWELLING.
3613	Bd. of Education	Owner	1000	3712	Anderson	Owner	2000	(3598) N. E-TWENTY-FOURTH ST. 80 W. 26th Ave., Oakland. One-story 5-room dwelling.
3614	Same	Same	1600	3713	Kehoe	Reed	3750	Owner—H. C. Fish, 2526 E. 24th St., Oakland. \$2200
3615	St. Marks	Patton	1500	3714	Roe	Frostholt	2600	Architect—None.
3616	Habala	Johnson	2800	3715	Colonial	Denke	90000	Contractor—Thos. W. Webb, 4663 Fair Ave., Oakland. \$4070
3617	Bd. of Education	Owner	1000	3716	Nelson	Westland	4800	DWELLING.
3618	Werner	Owner	2000	3717	Associated	Eng-Skell	4060	(3599) S. E. COR. FORTIETH AVE. and Santa Rita, Oakland. One-story 1-room dwelling.
3619	Bd. of Education	Owner	1700	3718	Kehoe	Reed	3750	Owner—E. M. Marquis. \$2200
3620	Harricane	Long	1500	3719	Colonial	Callill	21770	Architect—None.
3621	Ghirardelli	Cederborg	45869					DWELLINGS.
3622	Stadliger	Williams	7000	STATION				(3600) SE THIRTY-EIGHTH AVE & Carrington, E 38th Ave 100 & 140 S Carrington, Oakland. Three one-story 4-room dwellings.
3623	Wardlaw	Toffeisen	2350	(3586) SE SANTA CLARA AVE AND Oak Alameda. Gas station.				Owner—E. M. Marquis, 2827 Russell St., Berkeley. \$2200 each
3624	Johnson	Owner	2000	Owner—Shell Oil Co., 313 Sansome St., San Francisco. \$5500				DWELLING.
3625	King	Stewart	7500	Architect—None.				(3601) W SIXTIETH AVE 150 S Foothill Blvd, Oakland. One-story 4-room dwelling.
3626	King	Jones	5000	ADDITION				Owner—Hattie A. Pitka, 160 Athol Ave., Oakland. \$3700
3627	Armstrong	Owner	3000	(3587) W WEBSTER 50 S Santa Clara Alameda. Addition.				DWELLING.
3628	Holmdahl	Owner	1500	Owner—City of Alameda.				(3602) E GREENWOOD AVE 200 N Hampel, Oakland. One-story 5-room dwelling.
3629	Tracco	Moe	1200	Architect—None.				Owner—M. P. Graves, 1302 Channing Way, Berkeley. \$3650
3630	Leary	Norlin	3600	Contractor—V. E. Thorpe, 4487 39th Ave., Oakland. \$1510				DWELLING.
3631	Bechtel	Owner	6500	ADDITION				(3603) N E-SIXTEENTH 100 E 44th Ave., Oakland. One-story 6-room dwelling.
3632	Thompson	Owner	3800	(3588) NO. 1014 AND 1018 DORIS Court, Alameda. Two one-story dwellings.				Owner—Mrs. L. Daska, San Leandro. \$2000
3633	Justice	Marshall	11000	Owner—G. H. Noble, 2205 Santa Clara Ave., Alameda. \$3500 each				Contractor—J. E. Pitka, 160 Athol Ave., Oakland. \$3700
3634	Grant	Doyle	4550	Architect—None.				DWELLINGS.
3635	Pearce	Warner	4550	Contractor—Geo. Windler Co., 8th and Hooper Sts., San Francisco. \$1350				(3604) S CARRINGTON 60 and 100 E Thirty-eighth Ave., Oakland. Two one-story 4-room dwellings.
3636	Hale	Owner	3000	TANK HOUSE				Owner—E. M. Marquis. \$2200 each
3637	Richmond	Hambleton	7000	(3589) MORTON & SAN ANTONIO, Alameda. Tank house.				DWELLING.
3638	Young	Blethroad	4500	Owner—City of Alameda.				(3605) E HARRISON BLVD 200 N 26th St., Oakland. Two-story 16-room apartments.
3639	Carlson	Owner	1000	Architect—None.				Owner—Simmonds & Grigsby, 2324 27th Ave., Oakland. \$13,000
3640	Hogan	Phaf	4000	Contractor—Geo. Windler Co., 8th and Hooper Sts., San Francisco. \$1350				DWELLINGS.
3641	Pavney	Andresen	8500	GARAGE				(3606) W KINGSLEY 200 S E-37th Oakland. Two-story 16-room apartments.
3642	Reilly	Marshall	10000	(3590) NO. 2414 CENTRAL AVE., Alameda. One-story garage.				Owner—Eli W. and Francis M. Eckhardt, 263 98th Ave., Oakland. \$15,500
3643	Justice	Owner	8000	Owner—P. Bairelles, 2235 Lincoln Ave., Alameda.				Architect—None.
3644	Bonner	Owner	2700	Architect—None.				APARTMENTS.
3645	Wiest	Gompertz	5000	Contractor—G. A. Williams, 306 12th St., Alameda. \$8000				(3607) W KINGSLEY 200 S E-37th Oakland. Two-story 16-room apartments.
3646	Westgate	Gossett	7400	ALTERATIONS				Owner—Eli W. and Francis M. Eckhardt, 263 98th Ave., Oakland. \$15,500
3647	Sturges	Leiter	6000	(3591) ROSE AND SACRAMENTO, Berkeley. Alterations and repairs.				Architect—None.
3648	Scudder	Owner	4500	Owner—Board of Education, 2133 Allison Way, Berkeley. \$2800				DWELLINGS.
3649	Curti	Owner	3000	Architect—None.				(3608) S CARRINGTON 60 and 100 E Thirty-eighth Ave., Oakland. Two one-story 4-room dwellings.
3650	Bedsoul	Owner	3000	REPAIRS				Owner—E. M. Marquis. \$2200 each
3651	Sherer	Campomenosi	5000	(3592) DWIGHT WAY near Telegraph Berkeley. Repairs.				APARTMENTS.
3652	Morton	Leiter	6000	Owner—Board of Education, 2133 Allison Way, Berkeley. \$4600				(3609) W KINGSLEY 200 S E-37th Oakland. Two-story 16-room apartments.
3653	Mashi	Allen	1200	DWELLING.				Owner—Eli W. and Francis M. Eckhardt, 263 98th Ave., Oakland. \$15,500
3654	Nunemaker	Owner	11000	(3593) 332 FORTY-NINTH ST., Oakland. Finish dwelling.				Architect—None.
3655	Nunemaker	Owner	11000	Owner—Mrs. Kathe Johannsen, 5000 Monita Ave., Oakland. \$3000				DWELLINGS.
3656	Sturges	Gossett	7400	ALTERATIONS				(3610) S CARRINGTON 60 and 100 E Thirty-eighth Ave., Oakland. Two one-story 4-room dwellings.
3657	Ghirardelli	Cederborg	45869	(3594) 5557 LAWTON AVE., OAKLAND. Alterations.				Owner—Eli W. and Francis M. Eckhardt, 263 98th Ave., Oakland. \$15,500
3658	Richmond	Hambleton	6923	Owner—J. C. Cordit, Premises. \$1000				Architect—None.
3659	Roe	Frostholt	2600	Architect—None.				DWELLINGS.
3660	Paul	Owner	2500	REPAIRS				(3611) S CARRINGTON 60 and 100 E Thirty-eighth Ave., Oakland. Two one-story 4-room dwellings.
3661	Pollard	Owner	3750	(3592) DWIGHT WAY near Telegraph Berkeley. Repairs.				Owner—Eli W. and Francis M. Eckhardt, 263 98th Ave., Oakland. \$15,500
3662	Sonntag	Owner	2000	Owner—Board of Education, 2133 Allison Way, Berkeley. \$4600				Architect—None.
3663	Marquis	Owner	6000	DWELLING.				(3612) S CARRINGTON 60 and 100 E Thirty-eighth Ave., Oakland. Two one-story 4-room dwellings.
3664	Strong	Anderson	13500	(3593) 332 FORTY-NINTH ST., Oakland. Finish dwelling.				Owner—Eli W. and Francis M. Eckhardt, 263 98th Ave., Oakland. \$15,500
3665	Pellot	Brasch	5000	Owner—Mrs. Kathe Johannsen, 5000 Monita Ave., Oakland. \$3000				Architect—None.
3666	Passadore	McCord	2700	ALTERATIONS				DWELLINGS.
3667	Turner	Owner	75000	(3594) 5557 LAWTON AVE., OAKLAND. Alterations.				(3613) S CARRINGTON 60 and 100 E Thirty-eighth Ave., Oakland. Two one-story 4-room dwellings.
3668	Star Motor	Walter	8500	Owner—J. C. Cordit, Premises. \$1000				Owner—Eli W. and Francis M. Eckhardt, 263 98th Ave., Oakland. \$15,500
3669	Jones	Parsons	9500	Architect—None.				Architect—None.
3670	Jones	Johnson	2900	REPAIRS				DWELLINGS.
3671	Jones	Johnson	2900	(3592) DWIGHT WAY near Telegraph Berkeley. Repairs.				(3614) S CARRINGTON 60 and 100 E Thirty-eighth Ave., Oakland. Two one-story 4-room dwellings.
3672	Correra	Anderson	3000	Owner—Board of Education, 2133 Allison Way, Berkeley. \$4600				Owner—Eli W. and Francis M. Eckhardt, 263 98th Ave., Oakland. \$15,500
3673	Sigwald	Owner	2500	DWELLING.				Architect—None.
3674	Luther	Luther	3500	(3593) 332 FORTY-NINTH ST., Oakland. Finish dwelling.				DWELLINGS.
3675	Nickels	Owner	1800	Owner—Mrs. Kathe Johannsen, 5000 Monita Ave., Oakland. \$3000				(3615) S CARRINGTON 60 and 100 E Thirty-eighth Ave., Oakland. Two one-story 4-room dwellings.
3676	Hewitt	Hewitt	2000	ALTERATIONS				Owner—Eli W. and Francis M. Eckhardt, 263 98th Ave., Oakland. \$15,500
3677	Hewitt	Hewitt	2500	(3594) 5557 LAWTON AVE., OAKLAND. Alterations.				Architect—None.
3678	Elliott	Calif. E.	3600	Owner—J. C. Cordit, Premises. \$1000				DWELLINGS.
3679	Cucovich	Owner	1050	Architect—None.				(3616) S CARRINGTON 60 and 100 E Thirty-eighth Ave., Oakland. Two one-story 4-room dwellings.
3680	Perry	Owner	3000	REPAIRS				Owner—Eli W. and Francis M. Eckhardt, 263 98th Ave., Oakland. \$15,500
3681	Zinke	Owner	3000	(3592) DWIGHT WAY near Telegraph Berkeley. Repairs.				Architect—None.
3682	Lindth	Oscar	3000	Owner—Board of Education, 2133 Allison Way, Berkeley. \$4600				DWELLINGS.
3683	Nuttall	Omo	1800	DWELLING.				(3617) S CARRINGTON 60 and 100 E Thirty-eighth Ave., Oakland. Two one-story 4-room dwellings.
3684	Regan	Mattison	3500	(3593) 332 FORTY-NINTH ST., Oakland. Finish dwelling.				Owner—Eli W. and Francis M. Eckhardt, 263 98th Ave., Oakland. \$15,500
3685	Pedro	Anderson	3000	Owner—Mrs. Kathe Johannsen, 5000 Monita Ave., Oakland. \$3000				Architect—None.
3686	Nichols	Lee	5500	ALTERATIONS				DWELLINGS.
3687	McIntor	Owner	5900	(3594) 5557 LAWTON AVE., OAKLAND. Alterations.				(3618) S CARRINGTON 60 and 100 E Thirty-eighth Ave., Oakland. Two one-story 4-room dwellings.
3688	Miller	Silva	4000	Owner—J. C. Cordit, Premises. \$1000				Owner—Eli W. and Francis M. Eckhardt, 263 98th Ave., Oakland. \$15,500
3689	Brunquist	Johnson	4100	Architect—None.				Architect—None.
3690	Walsh	MacGregor	6350	REPAIRS				DWELLINGS.
3691	Reilly	Andresen	10600	(3592) DWIGHT WAY near Telegraph Berkeley. Repairs.				(3619) S CARRINGTON 60 and 100 E Thirty-eighth Ave., Oakland. Two one-story 4-room dwellings.
3692	Breith	Petersen	5400	Owner—Board of Education, 2133 Allison Way, Berkeley. \$4600				Owner—Eli W. and Francis M. Eckhardt, 263 98th Ave., Oakland. \$15,500
3693	Star	Simonds	1967	DWELLING.				Architect—None.
3694	Hunt	Owner	5000	(3593) 332 FORTY-NINTH ST., Oakland. Finish dwelling.				Contractor—M. Felix Sommarmstrom, 2215 Park Blvd., Oakland. \$15,500

BUILDING
(3607) NW LOT 10 Map Emmons Trct S 31 E 105 NW 79.75 W 74 S 40.2, Alameda. All work except lathing, plastering, tile, brick, electric, plumbing, painting, papering, heating, finish hardware, electric fixtures hardwood floors and shades for building.
Owner—Mrs. A. J. Coogan, Alameda.
Architect—Sidney B. and Noble Newsom, 14 Montgomery St., S. F.
Contractor—Niles W. Place, 310 Fairmont St., Oakland.
Filed Aug. 17, '22. Dated Aug. 15, '22
Frame up 1/4
Ready for plaster..... 1/4
Completed 1/4
Usual 35 days..... 1/4
TOTAL COST, \$1589
Bond, \$2300. Sureties, Carl T. Doell & H. M. Barnes. Limit, without delay.
Forfeit, \$5. Plans and specifications filed.

DWELLING.
(3608) N. E. COR. SIXTY-SECOND and Majestic Aves., Oakland. One-story 5-room dwelling.
Owner—Harry H. Kruse, 6200 Majestic Ave., Oakland.
Architect—None. \$3500

3 DWELLINGS.
(3609) 3 FARALTA AV. 240 - 290 - 340 S. Carmel, Oakland. Three 1 1/2-story 5-room dwellings.
Owner—P. A. Dolan, 2149 E. 14th St., Oakland.
Architect—None. \$3000 each

DWELLINGS.
(3610) N. REDDING ST. 140 W. MAYBelle, Oakland. One-story 5-room dwelling.
Owner—John M. Rose.
Architect—None.
Contractor—H. M. Frostholt, 877 Lakeshore Av., Oakland. \$3100

(3611) LOT 32, BLK. 3, NORTHBRAE, Berkeley. Two-story 6-room dwelling.
Owner—Henry M. Hink, 699 Faralta Ave., Berkeley.
Architect—None.
Contractor—Gustaf Johanson, 1357 Northside Ave., Berkeley.
Filed Aug. 19, '22. Dated Aug. 17, '22.
Frame up 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days 1/4
TOTAL COST, \$7393
Bond, \$3696; sureties, Emil Hammaran and Walter Mork; limit, 80 days from Aug. 21, 1922; forfeit, none. Plans and specifications filed.

DWELLING
(3612) NO. 2514 MILVIA, Berkeley One-story 5-room dwelling.
Owner—F. C. Shephard, 1932 Parker St., Berkeley.
Architect—None.
Contractor—Jordan & Zeile, 2544 Milvia St., Berkeley. \$3750

REPAIRS
(3613) GREGON AND GRANT STS., Berkeley. Repairs.
Owner—Board of Education, 2133 Allston Way, Berkeley.
Architect—None. \$1000

REPAIRS
(3614) GROVE AND BANCROFT, Berkeley. Repairs.
Owner—Board of Education, 2133 Allston Way, Berkeley.
Architect—None. \$1600

ALTERATIONS
(3615) NO. 2539-41 CHANNING, Berkeley. Alterations.
Owner—St. Marks Parish.
Architect—None.
Contractor—H. S. Patton, 2906 Telegraph Ave., Berkeley. Tele- \$1500

DWELLING
(3616) NO. 1360 FRANCISCO ST., Berkeley. One-story 4-room dwlch.
Owner—A. Hahala, 1631 Hearst Ave., Berkeley.
Architect—None.
Contractor—G. Johanson, 1357 Northside Ave., Berkeley. \$2500

REPAIRS
(3617) COLUSA & TACOMA, Berkeley. Repairs.
Owner—Board of Education, 2133 Allston Way, Berkeley.
Architect—None. \$1600

DWELLING
(3618) NO. 2316 SEVENTH, Berkeley One-story 5-room dwelling.
Owner—Chas. A. Werner, 2416 16th St., Berkeley.
Architect—None. \$2000

REPAIRS
(3619) ROSE AND WALNUT, Berkeley. Repairs.
Owner—Board of Education, 2133 Allston Way, Berkeley.
Architect—None. \$1700

ADDITION
(3620) NO. 1827 ARCH ST., Berkeley. Addition.
Owner—Mrs. J. B. Harriman, Puenises.
Architect—None.
Contractor—Roy O. Long, 2114 Shattuck Ave., Berkeley. \$1500

RESIDENCE
(3621) NO. 4 KING AVE., Piedmont. Two-story 14-room residence and garage.
Owner—Mrs. J. F. Ghirardelli.
Architect—None.
Contractor—A. Cederborg, 1445 Excelsior Blvd., Piedmont. \$15,850

DWELLING
(3622) NO. 326 PALA AVE., Piedmont. Two-story 8-room dwelling.
Owner—L. C. Stadinger, 311 Highland Ave., Piedmont.
Architect—None.
Contractor—Chas. C. Williams, Albany Bros., Oakland. \$7000

DWELLING.
(3623) E. SEMINARY AV. 125 N. E. 17th St. One-story 4-room dwelling.
Owner—Mrs. A. B. Wardlaw.
Architect—None.
Contractor—H. C. Toffelsen, 836 Mead Ave., Oakland. \$2650

DWELLING.
(3624) FRUITVALE EXT. One-story 5-room dwelling.
Owner—F. Johnson, 3842 Fruitvale Ext.
Architect—None. \$2000

DWELLING.
(3625) W. KEMPTON AV. 400 S. MOSS Av. Two-story 7-room dwelling.
Owner—H. S. King, 437 Perkins, Oakland.
Architect—None.
Contractor—B. A. Stewart, 437 Perkins, Oakland. \$7500

DWELLING.
(3626) NW. COR. PORTER ST. AND Maybelle. One-story 5-room dwelling.
Owner—Donald King.
Architect—None.
Contractor—F. W. Jones, Hayward. \$2000

DWELLING.
(3627) S. MONADNOCK WAY 75 W. 62nd Av. One-story 5-room dwelling.
Owner—W. J. Armstrong, 6155 Armstrong, Oakland.
Architect—None. \$3000

DWELLING.
(3628) E. ATWELL 247 N. LYNDE. One-story 3-room dwelling.
Owner—F. N. Hohnsahl, 6011 Grove St., Oakland.
Architect—None. \$1500

ADDITION.
(3629) 1637 FOURTEENTH ST. Addition.
Owner—T. Trucco.
Architect—None.
Contractor—Samuel Moe, 2125 Ninth Ave., Oakland. \$1200

DWELLING.
(3630) 1 SIXTY-FOURTH AV. 70 N. Aveland One and one-half story 6-room dwelling.
Owner—T. J. O'Leary, 67th and Avenal Aves.
Architect—None.
Contractor—R. Norlen, 20166 85th Ave., Oakland. \$3600

WAREHOUSE.
(3631) S. RUSSETT 100 E. MOOR Park. One-story warehouse.
Owner—W. A. Bechtel, San Leandro.
Architect—None. \$6500

DWELLING.
(3632) N. MCKINLEY ST. 88 W. Spruce. One-story 5-room dwelling.
Owner—H. F. Thompson, 1914 Fruitvale Av., Oakland.
Architect—None. \$3800

APARTMENTS.
(3633) 838 COR SHATTUCK AND Berryman, 80 x 100, Berkeley. Two-story apartments.
Owner—Lulu C. Justice.
Architect—None.
Contractor—Alex F. Marshall, 1136 16th Ave., Oakland.
Filed Aug. 21, '22. Dated Aug. 9, '22.
2nd fl joists in place.....\$1650
Electric work roughed in..... 2200
Brown coated 2200
Mill work completed..... 2200
Usual 35 days..... 2500
TOTAL COST, \$11,000
Bond, \$5500; sureties, Fidelity & Deposit Co.; forfeit, none; limit, 110 days. Plans and specifications filed.

DWELLING.
(3634) 1936 ALCATRAZ AV. Berkeley. One-story 5-room dwelling.
Owner—Ada Grant, 2014 Central Ave., Alameda.
Architect—None.
Contractor—C. A. Doyle, P. O. Box 84, Berkeley. \$4850

DWELLING.
(3635) 2617-19 CHANNING, BERKELEY. One-story 3-room dwelling.
Owner—Laura L. Pearce, 2619 Channing Way, Berkeley.
Architect—L. F. Hyde, 2645 26th Ave., Oakland.
Contractor—S. A. Warner, 1508 41st Ave., Oakland. \$4550

DWELLING.
(3636) 708 CONTRA COSTA AV., Berkeley. One-story 5-room dwelling.
Owner—G. W. Hale, 706 Alameda, Berkeley.
Architect—None. \$3000

GARAGE.
(3637) 2130-32 DWIGHT WAY, BERKELEY. One-story brick garage.
Owner—S. Richmond, Berkeley.
Architect—None.
Contractor—T. Hambleton, 3737 13th Ave., Oakland. \$7000

DWELLING.
(3638) 2019 DEL NORTE, BERKELEY. One-story 6-room dwelling.
Owner—Roy Young, 2118 Shattuck Av., Berkeley.

Architect—None.
Contractor—D. T. Blethroad, 1912
Channing Way, Berkeley. \$4500

DWELLING & GARAGE.
(3639) 2938 DELAWARE, BERKE-
ley. Two-story 2-room dwelling and
garage.

Owner—C. E. Carlson, 2919 Benevue
Ave., Berkeley.
Architect—None. \$1000

DWELLING.
(3640) 2301 EUNICE, BERKELEY.
Two-story 6-room dwelling.
Owner—D. J. Horgan, 24 California St.,
San Francisco.
Architect—None. \$4000

DWELLING.
(3641) 2409 ELLSWORTH, BERKE-
ley. One-story 4-room dwelling.
Owner—M. Y. Parnay, 2310 Channing
Way, Berkeley.
Architect—None.
Contractor—Fred Pfaff, 1605 Grant St.,
Berkeley. \$1750

FLATS.
(3642) 3008-10 HILLEGASS, BERKE-
ley. Two-story 11-room flats.
Owner—Harry E. Reilly, 3008 Hille-
gass, Berkeley.
Architect—None.
Contractor—H. C. Andresen, 1229 Pearl
St., Alameda. \$8500

FLATS.
(3643) 1200-2-4-6 SHATTUCK AV.,
Berkeley. Two-story 16-room flats.
Owner—Lulu C. Justice, 1147 Amador,
Berkeley.
Architect—W. R. Velland, 414 13th St.,
Oakland.
Contractor—Alex F. Marshall, 1136 10th
Ave., Oakland. \$10,000

DWELLING.
(3644) S. LONGRIDGE RD. 600 E.
Rosemont. Two-story seven-room
dwelling.
Owner—J. M. Bonner.
Architect—None. \$8000

DWELLING.
(3645) 3873 FRUITVALE AV. Two-
story 2-room dwelling.
Owner—E. A. Wiest, 644 18th St., Oak-
land.
Architect—None. \$2700

ADDITION.
(3646) W. FORTY-SEVENTH AV. 150
E-12th St. Concrete addition.
Owner—Westgate Metal Products Co.,
Premises.
Architect—None.
Contractor—Chas. W. Gompertz, 405
Mills Bldg., San Francisco. \$5000

DWELLING.
(3647) N. EXCELSIOR 50 E. MONT-
clair. Two-story 7-room dwelling.
Owner—E. D. Sturges, 5261 Manila Av.,
Oakland.
Architect—None.
Contractor—C. A. Gassett, 327 Davis
St., San Leandro. \$7400

DWELLING.
(3648) E. BROADWAY 100 S. NAPA
St. One and one-half story 8-room
dwelling.
Owner—Dora May Scudder.
Architect—None.
Contractor—E. T. Leiter & Son, 3601
West St., Oakland. \$6000

DWELLING.
(3649) W. KEMPTON AV. 150 S. MOSS
Av. One-story 6-room dwelling.
Owner—V. Curti, 1616 13th Av., Oak-
land.
Architect—None. \$4500

DWELLING.
(3650) W. FORTY-EIGHTH AV. 500
N. Melrose Av. One-story 6-room
dwelling.
Owner—J. W. Bedsoul, 2163 50th Av.,
Oakland.
Architect—None. \$5000

DWELLING.
(3651) E. BRIGHTON AV. 100 S.
Park Blvd. One-story 6-room
dwelling.
Owner—W. W. Sherer, 684 Appar St.,
Oakland.
Architect—None.
Contractor—E. Campomenosi, 5238
Lawton Av., Oakland. \$5000

DWELLING.
(3652) W. MANDANA BLVD. 200 N.
Calmar. One-story 6-room dwell-
ing.
Owner—G. L. Morton, 737 54th St., Oak-
land.
Architect—None.
Contractor—E. L. Leiter & Son. \$6000

DWELLING.
(3653) 1019 THIRTEENTH ST. One-
story 2-room dwelling.
Owner—Mrs. M. Mashl, Premises.
Architect—None.
Contractor—F. E. Allen, 2718 Regent
St., Berkeley. \$1200

FLATS.
(3654) SE. COR. FIFTY-FOURTH AND
Shattuck. Two-story 16-room flats.
Owner—A. Nunemacker, 540 6th Av.,
Oakland.
Architect—None. \$11,000

FLATS.
(3655) NE. COR. FIFTY-THIRD ST.
and Shattuck Av. Two-story 16-
room flats.
Owner—A. Nunemacker, 540 6th Ave.,
Oakland.
Architect—None. \$11,000

DWELLING & GARAGE.
(3656) LOT 15, ELK 15, MAP LAKE-
shore Highlands, Oakland. Two-
story 7-room dwelling and garage.
Owner—E. D. Sturges, 5708 Oak Grove,
Oakland.
Architect—None.
Contractor—Chester A. Gossett, 327
Davis Court, San Leandro.
Filed Aug. 22, '22. Dated Aug. 18, '22
Frame up \$1
Brown coated \$1
Completed and accepted \$1
Usual 35 days \$1
TOTAL COST, \$7825

Bond, \$3812.50; sureties, Geo. W. Kaiser
and C. W. Lannon; forfeit, none;
limit, 90 days. Plans and specifica-
tions filed.

DWELLING & GARAGE.
(3657) LINCOLN AND KING AVES.,
Piedmont. Two-story dwelling and
garage.
Owner—Mrs. J. L. Ghigardelli.
Architect—Virgil W. Jorgensen, 42
Craig St., Oakland.
Contractor—A. Cederborg, 1145 Excel-
sior Ave., Oakland.
Filed Aug. 22, '22. Dated Aug. 8, '22.
1st day each month \$750
Completed \$500
30 days after Balance
TOTAL COST, \$45,500
Bond, \$22,500; sureties, Geo. W. Kaiser
and C. W. Lannon; forfeit, \$5 a day;
limit, Jan. 31, 1923. Plans and specifi-
cations filed.

GARAGE.
(3658) S. DWIGHT WAY 310 E.
Shattuck Av. W. 100 x S. 135.
Berkeley. Garage.
Owner—S. Richmond, Berkeley.
Architect—None.
Contractor—Fred Hambleton, 3737 12th
Ave., Oakland.

Filed Aug. 22, '22. Dated Aug. 21, '22.
Walls ready for trusses \$8000
Roof sheathed \$2000
Completed \$192.25
Usual 35 days \$170.75
TOTAL COST, \$6923
Bond, none; sureties, none; forfeit, \$5
day; limit, 40 days. No plans or specifi-
cations.

DWELLING.
(3659) S. KANNING ST. 140 E. MAY-
belle Av., Oakland. One-story 4-
room dwelling.
Owner—John Roe, Oakland.
Architect—None.
Contractor—H. M. Frosthalm, 1877
Lakeshore Ave., Oakland.
Filed Aug. 22, '22. Dated Aug. 21, '22.
Frame up \$700
Brown coated 700
Completed 700
Usual 35 days 500
TOTAL COST, \$2600
Bond, none; forfeit, none; limit, none.
Plans only filed.

PERMITS

DWELLING.
(3660) 1222 STANNAGE, BERKELEY.
One-story 4-room dwelling.
Owner—B. M. Paul, 1234 Stannage,
Berkeley.
Architect—None. \$2500

DWELLING.
(3661) 1135 FRESNO, BERKELEY.
One-story 6-room dwelling.
Owner—A. J. Pollard, 77 Plaza Drive,
Berkeley.
Architect—None. \$3750

DWELLING.
(3662) 1112 BANCROFT WAY, BER-
keley. One-story 3-room dwelling.
Owner—George C. Sonntag, 1257 All-
ston Way, Berkeley.
Architect—None. \$2000

DWELLING.
(3663) 1316 and 1314 MILVIA, BER-
keley. Two 1-story 5-room dwell-
ings.
Owner—P. E. Marquis, 2045 Shattuck
Av., Berkeley.
Architect—None. \$3000 each

DWELLING.
(3664) W. BELLEVUE AVE 200 N Van
Buren, Oakland. Two-story 7-
room dwelling and garage.
Owner—J. Khong, San Francisco.
Architect—None.
Contractor—Geo. W. Anderson, 491
State Av., Oakland. \$13,500

GARAGE.
(3665) S. CHABOT ROAD 450 E Col-
lege, Oakland. Garage
Owner—May A. Pellet, San Jose.
Architect—None.
Contractor—M. P. Brasch, 506 Amercau
Bank Bldg., Oakland. \$500

DWELLING.
(3666) E. CLAREMONT 222 N CHITON,
Oakland. One-story 4-room dwlg.
Owner—ack Passadore, 5506 Tele-
graph Ave., Oakland.
Architect—None.
Contractor—J. A. McFord, 4517 Market
St., Oakland. \$2750

DWELLING.
(3667) W. EASTMAN AVE 242 N All-
endale, Oakland. One-story 4-room
dwelling.
Owner—Harry C. Turner, 2900 Eastman
Ave., Oakland
Architect—None. \$1600

WAREHOUSE.
(3668) E-FOURTEENTH opp. 107th
Ave., Oakland. One-story brick &
concrete warehouse
Owner—Star Motor Co. of Calif.
Architect—None.
Contractor—P. J. Walger Co., Sharon
Bldg., San Francisco. \$75,000

FLATS

(3669) W GILBERT opp. Ridgeway Oakland. Two-story 10-room flats and garage.
Owner—Mrs. Mina Coleman Jones, 4254 Howe St., Oakland.
Architect—None.
Contractor—C. M. Starr, 2019 Delaware St., Berkeley. \$8500

APARTMENTS

(3670) N HARTER 360 E 35th Ave., Oakland. Two-story 16-room apartments.
Owner—Parsons & Ferrell.
Architect—None.
Contractor—Calif. Builders Co. \$9500

DWELLING.

(3671) S. HOPKINS ST. 400 W. Thirty-fifth Ave., Oakland. One-story 5-room dwelling.
Owner—W. P. Jones, 2849 Delaware, Oakland.
Architect—None.

Contractor—Hans Johnson, 2810 Peralta Ave., Oakland. \$2900

DWELLING.

(3672) W. HIGH ST. 100 N. QUIGLEY, Oakland. One-story 6-room dwelling.

Owner—Manuel Corraera.
Architect—None.
Contractor—A. F. Anderson, 2800 Delaware St., Oakland. \$3000

DWELLING.

(3673) N. LYON AV. 50 E. HARRINGTON, Oakland. One-story 4-room dwelling.
Owner—J. W. Sigwald, 3927 Agua Vista, Oakland.
Architect—None. \$2500

DWELLING.

(3674) S. MURDOCK COURT 100 W. 60th Ave., Oakland. One-story 6-room dwelling.
Owner—C. H. and Byrdie Luther, Mills College P. O.
Architect—None.
Contractor—C. H. Luther, Mills College P. O. \$3500

DWELLING.

(3675) S. MORCOM ST. 100 E. WYMAN, Oakland. One-story 4-room dwelling.
Owner—A. Nickels.
Architect—None. \$1800

DWELLING

(3676) W 104TH AVE 360 S Graffian, Oakland. One-story 4-room dwlg. Owner—Fred L. Hewitt, 2738 9th Ave., Oakland.
Architect—None.
Contractor—C. L. Hewitt, 8821 E-14th St., Oakland. \$2000

DWELLING

(3677) W 104TH AVE 380 S Graffian, Oakland. One-story 3-room dwlg. Owner—Fred L. Hewitt, 2738 9th Ave., Oakland.
Architect—None.
Contractor—C. L. Hewitt, 8821 E-14th St., Oakland. \$2500

DWELLING

(3678) E PARK BLVD 618 S Welling, Oakland. Two-story 4-room dwelling.
Owner—Arthur Elliott, 1534 Franklin St., Oakland.
Architect—None.
Contractor—California Builders Co., 1534 Franklin St., Oakland. \$3600

ALTERATIONS

(3679) NO. 1816 SAN PABLO AVF., Oakland. Alterations.
Owner—Cucovich Bros., Premises.
Architect—None. \$1000

DWELLING

(3680) S SAN JUAN 87 E 40th Ave., Oakland. One-story 1-room dwlg. Owner—J. P. Perry, 1428 40th Ave., Oakland.
Architect—None. \$3000

GARAGE

(3681) NO. 844 SIXTIETH ST., Oakland. Garage.
Owner—J. Zinke.
Architect—None.
Contractor—J. Carrington, 2602 Adeline, Oakland. \$500

DWELLING

(3682) E SIXTY-EIGHTH 580 N Flora St., Oakland. One-story 5-room dwelling.
Owner—G. A. Lindth, 1609 50th Ave., Oakland.
Architect—None.
Contractor—W. H. McOscar, 3301 E-25th St., Oakland. \$3000

GARAGE

(3683) W THIRD AVE 100 N E-12th St., Oakland. One-story concrete garage.
Owner—Nuttall & Clark.
Architect—None.
Contractor—Fred Omo, 2128 11th Ave., Oakland. \$1800

DWELLING

(3684) E THIRTY-SIXTH AVE 280 N E-16th St., Oakland. One-story 6-room dwelling.
Owner—D. J. Regan, 2552 Scenic Ave., Oakland.
Architect—None.
Contractor—E. T. Mattison, 3629 Laguna Ave., Oakland. \$3500

DWELLING

(3685) E TWENTY-FIFTH AVE 200 N E-27th St., Oakland. One-story 5-room dwelling.
Owner—Manuel Pedro.
Architect—None.
Contractor—A. F. Anderson. \$3000

DWELLING

(3686) W WARFIELD AVE 175 S Prince, Oakland. One-story six-room dwelling.
Owner—C. F. Nichols, 482 14th St., Oakland.
Architect—None.
Contractor—A. J. Lee. \$5500

DWELLING

(3687) S WARFIELD AVE 215 E Fairbanks, Oakland. Two-story 7-room dwelling.
Owner—H. W. McIntier, 1528 Franklin St., Oakland.
Architect—None.
Day's work. \$5900

DWELLING

(3688) W ARDLEY 295 S Hampel, Oakland. One-story 5-room dwlg. Owner—R. O. Miller, 639 53rd St., Oakland.
Architect—None.
Contractor—Joe Silva, 1373 Hopkins St., Oakland. \$4000

DWELLING.

(3689) LOT 44, BLK 5, FOURTH Ave. Heights, Oakland. Five-room dwelling.
Owner—Mrs. Julia Brunquist, Berkeley.
Architect—None.
Contractor—H. Elmer Johnson, San Leandro.

Filed Aug. 23, 22. Dated Aug. 19, '22.
Frame up 1/4
Brown coated 1/4
Completed 1/4
Usual 35 days 1/4
TOTAL COST, \$4100
Bond, none; forfeit, none; limit, 65 days. Plans and specifications filed.

DWELLING & GARAGE.

(3690) SE. COR. CAMBRIDGE PLACE and Grand Ave. NE. 59-73 SE. 87 SW. 51 NW 128-32 NE 8-92, Piedmont, Oakland. One-story dwelling and garage.

Owner—Catherine Walsh, Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland.
Filed Aug. 23, '22. Dated Aug. 22, '22.
Frame up 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$6350

Bond, \$3500; sureties, J. E. Smith and G. A. Scott; forfeit, \$1 day; limit, Nov. 21. Plans and specifications filed.

PLATS.

(3691) LOTS 29 AND 30, BLK C, MAP' Bateman Tract No. 2, Berkeley. Two-story 11-room flats.
Owner—Harry E. Reilly, Berkeley.
Architect—None.
Contractor—H. C. Anderson, 1229 Pearl St., Alameda.

Filed Aug. 23, '22. Dated Aug. 19, '22.
Frame up 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$10,600

Bond, \$5300; sureties, Julius B. Hanson and Magnus Jensen; forfeit, none; limit, 90 days. Plans and specifications filed.

LAUNDRY, & DWELLING.

(3692) LOTS 40 AND 41, KIMBALL Tract, Oakland. Laundry and dwelling.

Owner—Eleanor Breith.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland.
Filed Aug. 23, '22. Dated Aug. 22, '22.
Ready for pouring 1/350
Brown coated 1350
Completed and accepted 1350
Usual 35 days 1350
TOTAL COST, \$5400

Bond, none; forfeit, \$1 day; limit, 45 days. Plans and specifications none.

WATER SUPPLY SYSTEM.

(3693) E. E-FOURTEENTH ST. 842 N. Stanley Av. 210-83 x 1032-76, Oakland. Kewanee water supply system.

Owner—Star Motor Co. of Cal.
Architect—None.
Contractor—Roy Simonds (Simonds Machinery Co.), 117 N. Montgomery St., S. F.
Filed Aug. 24, '22. Dated Aug. 19, '22.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, \$1967

Bond, \$984; Globe Indemnity Co.; forfeit, none; limit, 1 year. Plans and specifications filed.

DWELLING

(3694) NO. 1305 BAY VIEW PLACE, Berkeley. Two-story 6-room dwlg. Owner—P. M. Hunt, 1415 Arch St., Berkeley.
Architect—None. \$5060

DWELLING

(3695) NO. 1650 JULIA ST., Berkeley. One-story 4-room dwelling.
Owner—F. A. Nichelman, 1612 Grove St., Berkeley.
Architect—None. \$1200

DWELLINGS

(3696) NO. 1721-1727 MARIN AVE., Berkeley. Two one-story 5-room dwellings.
Owner—Berkeley Building Co., Solano and Colusa Sts., Berkeley.
Architect—None. \$3000 each

DWELLING
(3697) NO. 929 EISENADA ST., Berkeley. One-story 6-room dwelling. Owner—Berkeley Building Co., Solano and Colusa Sts., Berkeley. Architect—None. \$3000

APARTMENTS
(3698) NO. 2301 AND 2303 ALAMEDA AVE., Alameda. Two-story 12-room apartments. Owner—H. C. Bennett, 2267 Alameda Ave., Alameda. Architect—None. Contractor—M. H. Fish, 1333 Fountain St., Alameda. \$10,980

DWELLINGS
(3699) NO. 3300, 3304, 3308, 3312 and 3316 Fernside Blvd., Alameda. Five one-story 5-room dwellings. Owner—E. E. Nicol, 1st National Bank Bldg., San Francisco. Architect—None. Contractor—J. S. Ourish, 1530 Hyde St. San Francisco. \$5000, \$4500, \$4750, \$4500, \$4750

APARTMENTS
(3700) CLINTON AVE. bet. Chestnut and Willow, Alameda. Two-story apartments. Owner—F. G. Eowe, 925 Park St., Ala. Architect—None. Contractor—Conrad Roth Co. \$9000

DWELLING
(3701) NO. 2159 ALAMEDA AVE., Alameda. One-story 5-room dwlg. Owner—A. D. Menche, 2032 Buena Vista Ave., Alameda. Architect—None. Contractor—Earl Luce, 2032 Buena Vista Alameda. \$3250

DWELLING
(3702) N END PALMERA COURT, Alameda. One-story 6-room dwlg. Owner—A. J. Coogan. Architect—Sidney B. and Noble Newsum, Nevada Bank Bldg., S. F. Contractor—Niles W. Place, 310 Fairmont Ave., Oakland. \$8000

DWELLING
(3703) W FIFTIETH AVE 172 S Vicksburg, Oakland. One-story 3-room dwelling. Owner—John E. Collins. Architect—None. Contractor—E. F. Sanctuary, 1070 65th St., Oakland. \$2500

DWELLING
(3704) W BENEVIDES 350 N El Centro, Oakland. One-story 3-room dwelling. Owner—Mrs. J. Brunquist, Berkeley. Architect—None. Contractor—H. E. Johnson, 644 Woodlawn Ave., Oakland. \$4100

DWELLING
(3705) NE SIXTY-FIFTH AND SHATLACK AVE., Oakland. One-story 5-room dwelling. Owner—S. A. Warner, 1508 41st Ave., Oakland. Architect—None. \$4000

ALTERATIONS
(3706) NO. 1033 THIRTY-NINTH ST., Oakland. Alterations and additions. Owner—J. B. Breilh, Premises. Architect—None. Contractor—J. B. Petersen, 2053 38th Ave., Oakland. \$1300

SHOP
(3707) S FIFTH 125 E Alice, Oakland. One-story machine shop. Owner—H. V. Giore, 465 Third St., Oakland. Architect—None. \$1500

DWELLING
(3708) NE EIGHTY-SECOND AVE & HOLLY ST., Oakland. One-story 5 room dwelling,

Owner—B. E. Rodgers, 1001 86th Ave., Oakland. Architect—None. \$2500

DWELLING
(3709) N MOUNTAIN BLVD 1500 E Calaveras, Oakland. One-story 4-room dwelling. Owner—John Leon, 1200 37th Ave., Okd. Architect—None. \$2000

LAUNDRY
(3710) S THIRTY-NINTH 325 E Adeline, Oakland. One-story concrete laundry. Owner—J. B. Breilh, 1033 39th St., Okd. Architect—None. Contractor—J. B. Petersen, 2053 38th Ave., Oakland. \$3600

DWELLING
(3711) E OPAL 175 S 42nd St., Oakland. One-story 5-room dwlg. Owner—E. F. Dykes, 3805 Manila St., Oakland. Architect—None. Contractor—S. L. Stewart, 831 16th St., Oakland. \$3500

DWELLING
(3712) W SIXTY-SECOND 150 N Hayes, Oakland. One-story 1-room dwelling. Owner—A. T. Anderson, 9302 Birch St., Oakland. Architect—None. \$2000

DWELLING
(3713) N ALKEN 270 W Genoa, Oakland. One-story 5-room dwelling. Owner—Mrs. and Mr. Kehoe, 3430 Hollis St., Oakland. Architect—None. Contractor—Reed & Isbell, 681 62nd St., Oakland. \$3789

DWELLING
(3714) S KANNING 140 E Mayhelle, Oakland. One-story 4-room dwlg. Owner—J. M. Roe, Oakland. Architect—None. Contractor—H. M. Frosthalm, 877 Lakeshore Ave., Oakland. \$2600

CAFETERIA
(3715) E FRANKLIN 398 N Fourteenth St., Oakland. Two-story concrete cafeteria. Owner—Colonial Cafeteria Co., 422 14th St., Oakland. Architect—None. Contractor—A. R. Denke, Daziel Bldg., Oakland. \$50,000

DWELLING
(3716) LOT 5 BLK "F" Lakeshore Hill Tract, Oakland. All work for one-story 5-room dwelling. Owner—Eva Nelson. Architect—None. Contractor—Fred J. Westlund, 351 12th St., Oakland. Filed Aug. 24, '22. Dated Aug. 24, '22. Rafter up 1/4 Brown coated 1/4 Completed 3/4 Usual 35 days 25% TOTAL COST, \$4800 Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

SODA FOUNTAIN
(3717) UNIVERSITY GROUNDS, Berkeley. All work for soda fountain equipment for students' Union Building. Owner—Associated Students of U. C., Berkeley. Architect—John Galen Howard, 1st National Bank Bldg., S. F. Contractor—Eng-Skell Co. Filed Aug. 23, '23. Dated July 24, '22. On 10th of each month 75% Usual 35 days 25% TOTAL COST, \$4060 Bond, \$2030. Surety, Maryland Casualty Co. Limit, 70 days. Forfeit, \$5. Plans and specifications filed.

DWELLING
(3718) LOT 37 Map Santa Fe Tract No. 20, Oakland. All work for one-story dwelling. Owner—Louis J. and Lawrence Kehoe, 923 Alleen St., Oakland. Architect—None. Contractor—G. Reed and H. E. Isbell, 2315 Linden St., Oakland. Filed Aug. 24, '22. Dated Aug. 23, '22. Frame up 1/4 Brown coated 1/4 Usual 35 days 1/4 Completed and accepted 1/4 TOTAL COST, \$3780 Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

CAFETERIA
(3719) SE FRANKLIN 398 NE 14th NE 54thSE 150, Oakland. Concrete work for two-story concrete Cafeteria. Owner—Mrs. H. H. Crane, Jennie M. Hammond, Mrs. S. G. Hammond & E. F. Cuerin (Colonial Cafeteria), 4446 Evans Ave., Oakland. Architect—A. Reinhold Lenke, 532 15th St., Oakland. Contractor—Edward R. and John R. Cahill (as Cahill Bros.), 110 Sutter St., San Francisco. Filed Aug. 24, '22. Dated Aug. 24, '22. 3rd and 18th day of ea. month 75% Usual 35 days 25% TOTAL COST, not over \$21,770 Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded	Accepted
Aug. 22, 1922—LOTS 9 AND 10 BLK "B" Map Fourth Ave Terrace, Oakland. K L Lemmon to whom it may concern Aug. 22, 1922	
Aug. 23, 1922—LOT 37 BLK "H" Map 4th Ave Terrace, Oakland. Vera L Hermann to whom it may concern Aug. 19, 1922	
Aug. 24, 1922—PTN CLINTON VIEW Homestead, Oakland. Clarence K Nicholls to whom it may concern Aug. 21, 1922	
Aug. 24, 1922—LOT 1 and Ptn Lot 2 Blk "C" Map Central Piedmont Tel. Piedmont. Edward W and Minnie W Engs to Wm E Anderson August 19, 1922	
Aug. 23, 1922—LOT 9 BLK 36 Amended Map Fairmount Park, Albany. W I Booth and M J Murray to whom it may concern May 24, 1922	
Aug. 22, 1922—N. LYON AV. 378 W. 38th Ave. being No. 3632, Oakland. J. W. Sigwald to whom it may concern Aug. 22, 1922	
Aug. 22, 1922—BERKELEY. Regents of U. C. to Calif. Artistic Metal & Wire Co. Aug. 14, 1922	
Aug. 21, 1922—SW. 1/4 LOT 7 MAP May East Piedmont Heights, Oakland. Clemens H. Lind to Leo J. Dolan Aug. 17, 1922	
Aug. 21, 1922—OF NE 103 E. 15th and Webster Sts. N 103 E. 150, Oakland. A. H. and G. R. Babcock to R. W. Littlefield August 17, 1922	
Aug. 22, 1922—W. 35 LOT 7 MAP Alden Tract at Temescal, Oakland. Antonio Cannistra to J. McCord August 17, 1922	
Aug. 21, 1922—N. NICOL AV. 48 W. Champion St., Oakland. T. Butler to E. T. Matteson Aug. 21, 1922	
Aug. 21, 1922—LOT 25, BLK 3, Fourth Ave. Heights, Oakland. F. H. Fricke to H. C. Houck August 17, 1922	
Aug. 21, 1922—LOT 33, BLK. E, ELMWOOD Park Addition No. 1, Berkeley. Sterling C. Parr to whom it may concern Aug. 18, 1922	
Aug. 21, 1922—NW. COR. FORTYNINTH ST. and Manila Ave., Oakland. Mrs. Annie Courtwright to John Wishart Aug. 5, 1922	

Aug. 21, 1922—N. CARLTON ST. 202-6 E. Fulton St., 37-6 x 135, Berkeley, P. E. Marquis to whom it may concern.....Aug. 18, 1922

Aug. 21, 1922—707 K. TWENTY-FOURTH ST., Oakland. Otto E. Gripp and Leonora Bliss Gripp to Geo. H. Albers.....Aug. 18, 1922

Aug. 19, 1922—LOT 4 BLK 16, Lakeshore Highlands, Oakland. Ludwig Stettner to Chester A. Gossett.....Aug. 17, 1922

Aug. 19, 1922—PORTS, LOTS 2 AND 3, Vernal Terrace, Piedmont. Alice Fulton to Alex. C. Wielen.....Aug. 18, 1922

Aug. 18, 1922—NE E-FOURTEENTH and NW Stanley Ave NW 781.50 NE 10:2.49 SE 780.90 SW 1031.69, Oakland. Durant Motor Co. of Cal by P J Walker Co to Rigney Title Co, Aug. 11; C O Munson, Aug. 11; The Neal Co., Aug. 15, 1922

Aug. 18, 1922—PTN LOTS 39 AND 31 Map Crocker Tract, Piedmont. Waldron A Gregory to whom it may concern.....Aug. 17, 1922

Aug. 18, 1922—PTN LOTS 5 AND 6 Stehway Terrace, Oakland. Wm McKeever to whom it may concern.....Aug. 12, 1922

Aug. 18, 1922—S B ST, bet. First and Second. Hayward M E Church to Sorensen Bros.....August 18, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Aug. 24, 1922—LOTS 1, 2, 3 BLK "B" Map Woods Subvn of 1th Buena Vista Terrace and 1th Lots 5 and 6 Map Buena Vista Terrace, Hayward. Quist Bros & Co vs Ben Cardwell and Florence Penny.....\$489.59

Aug. 21, 1922—LOT 11, BLK 173, Resubdivision Blk D, Meek Estate Orchard, Hayward. Sunset Lumber Co. vs Florence N. Smith and J. W. Powers.....\$242.02

Aug. 21, 1922—NW JACKSON ST. and NE 19th St., NW 350-50 NE 381-89 SE 82-808 SE 51-11 40-33 SE 40-33 SE 49-32 SE 49-60 SE 51-78 SW 147-41 Oakland. Joseph Michel and W. A. Pfeffer (Michel & Pfeffer Iron Works) vs Palmer & Peterson, J. J. Stephenson, Robert Dalziel, Jr.....\$2541.20

Aug. 18, 1922—LOT 13 BLK 3, Map Berkeley Square Tract, Berkeley. Sunset Hardware Co vs H K and Jane Doe Schulz and Morse & Hind.....\$93.50

Notice of Non-Responsibility

ALAMEDA COUNTY

Aug. 23, 1922—LOT 87 Resbvdn Blk "C" Meek Estate Orchards, Eden Tp. H W Meek Estate, Inc. as to improvements on property.....Aug. 23, 1922

Aug. 23, 1922—LOT 16 and NW 17, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.....Aug. 22, 1922

Aug. 22, 1922—1849 SIXTH AVE., Oakland. Lillian A. Tuttle as to improvements on property.....Aug. 19, 1922

Aug. 19, 1922—S. 1/2 BLK 11, Map Northern Add to Town of Livermore. W. P. Railroad Co. as to improvements on property.....Aug. 17, 1922

Aug. 17, 1922—NO. 2121-2123 BROADWAY, Oakland. August C Nor as to improvements on property.....Aug. 17, 1922

Aug. 17, 1922—LOT 93 Map Resubdivision Blk C Meek Est Orchards, Eden Tp. H W Meek Estate Co as to improvements on property.....Aug. 17, 1922

Aug. 17, 1922—LOT 45 Map Resubdivision Blk D Meek Est Orchards, Eden Tp. H W Meek Estate Co as to improvements on property.....

Aug. 17, 1922—LOT 44 Map Resubdivision Blk D, Meek Est Orchards, Eden Tp. H W Meek Estate Co as to improvements on property.....Aug. 17, 1922

Aug. 17, 1922—LOT 63 Map Resubdivision Blk D, Meek Est Orchards, Eden Tp. H W Meek Estate Co as to improvements on property.....Aug. 17, 1922

Aug. 17, 1922—LOT 92 Map Resubdivision Blk C, Meek Est Orchards, Eden Tp. H W Meek Estate Co as to improvements on property.....

BUILDING CONTRACTS

FRESNO COUNTY.

\$5000 and Over Reported

SCHOOL ADDITION.

FRESNO, Fresno Co., Cal. S. W. 1/4 of Sec. 35, 16-18. One-room addition and porches to present bldg. Owner—Burrell School District. Architect—Glass & Butner, Cory Bldg., Fresno.

Contractor—Carl Nelson, 3165 Nevada St., Fresno.

Filed Aug. 18, '22. Dated Aug. 17, '22. Foundation, stud, walls and rafters on.....\$1000

Plastering on.....1000

Completed and accepted.....1514

Usual 35 days after filed.....1175

TOTAL COST, \$4689

Bond, \$2350; sureties, Ora T. Closs and John A. Wilson; forfeit, none; limit, 60 working days after delivery of brick. Plans and specification filed.

DWELLING, \$4000; No. 701 Chnton Ave Fresno; owner, R. F. Davidson; contractor, Shorb & Neads, 627 McKinley St., Fresno.

DWELLING, \$3000; No. 2427 Monticita St., Fresno; owner, Fresno Home Builders, 1231 Broadway, Fresno.

APARTMENT HOUSE, \$16,750; No. 849 Yale Ave., Fresno; owner, Mamie Donnelly; architect, Swartz & Ryland, Rowell Bldg., Fresno; contractor, Fisher & McNulty, Mattel Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted

Aug. 22, 1922—LOTS 38-39, LAMONA Lands Addition, Fresno. Dean Rhoads to whom it may concern.....Aug. 21, 1922

Aug. 22, 1922—E. 74 FT. OF LOT 30, J. C. Forkner Pig. Gardens Sub. 1, Fresno. Wm. S. Armstrong to whom it may concern.....Aug. 21, 1922

Aug. 21, 1922—LOTS 29 TO 32, BLK 30, K. B. Heights, Fresno. Mele Arcangelo to whom it may concern.....Aug. 19, 1922

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Aug. 19, 1922—LOTS 13 AND 14, La Salle Tract, Fresno. C Schubert to whom it may concern.....Aug. 19, 1922

Aug. 19, 1922—50X120 FT. OF LOT 51, Sierra Villa Park, Fresno. Fresno Bldg Cpn to whom it may concern.....August 18, 1922

Aug. 17, 1922—LOTS 18 AND 19 BLK 8, Torrance Terrace, Fresno. F I McElhinis to whom it may concern.....Aug. 16, 1922

Aug. 17, 1922—LOTS 8 AND 9 BLK 5, High Addition, Fresno. E A McAlpine to whom it may concern.....August 15, 1922

Aug. 17, 1922—LOTS 1 AND 2 BLK 250, Fresno. Carl Veet to whom it may concern.....Aug. 15, 1922

LIENS FILED

FRESNO COUNTY

Recorded Amount

Aug. 22, 1922—LOTS 31-32, BLOCK 41, Arlington Heights, Fresno. Rount Lumber Co vs Wm. Ferguson.....\$101

Aug. 18, 1922—LOT 27, Arlington Tract, Fresno. Frank L Breault vs Gladys B Hart.....\$91

Aug. 18, 1922—LOTS 23 AND 24 BLK 18, Grand Ave Park, Fresno. C E Castanien vs S N Albanian and W L Sutter.....\$3

Aug. 18, 1922—LOT 18 W 1/2 LOT 17, Normal Acres, Fresno. Bogart & Moss vs T S Wadsworth.....\$290

Aug. 18, 1922—LOT 187 N. 1/2 OF LOT 188, In Sec. 8, 13-20, Fresno. Kutner Goldstein vs H. Kauch.....\$15.00

Aug. 18, 1922—LOTS 7, 8, 9, BLK 11, Boyd Addition, Fresno. Kutner Goldstein vs J. Hunter.....\$32.00

Aug. 19, 1922—LOT 5 BLK 7, Alta Vista Tract, Fresno. Swastika Lumber Co vs S B Munson.....\$219

Aug. 17, 1922—LOTS 4 AND 5 BLK 18, Wilson's North Fresno Tract. W F Main vs A P Wilson.....\$512

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2500 and Over Reported

DWELLING, two-story 10-room and garage, \$8500; No. 1127 45th St., Sacramento; owner, Geo. C. Still, Mirau Bldg., Sacramento; contractor, H. W. Robertson, 1142 37th St., Sacramento.

DWELLING, one-story 6-room and garage, \$4500; No. 1339 40th St., Sacramento; owner, Green & Harrigan 708 J St., Sacramento.

DWELLING & GARAGES, three 1-story 5-room, \$9900; 1484, 1500, 1512 34th St., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, So. Curtis Oaks Co., 1755 Stockton Blvd., Sacramento.

BOILER FOUNDATION of wood piling and concrete, \$2618; T and Front Sts., Sacramento; owner, Pacific Gas & Elec. Co.; contractor, M. A. Jenkins, M. N. Elton. Recorded Aug. 17, 1922.

DWELLING, 1-story 5-room, \$2650; 3069 Marshall Way, Sacramento; owner, C. H. Bailey, R 2, Box 1640, Sacramento; contractor, J. S. Parfington, 3100 Marshall Way.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

\$5,000 and Over Reported

REPAIRS and additions, \$3000; North Sutter St., Stockton; owner, Florence and Eva Brooks, 838 N-San Joaquin St., Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
 Aug. 18, 1922—LOT 6 BLK. 8, SUB.
 No. 2, Tuxedo Park, Stockton.
 Joseph A. Piccarpo to whom it may
 concern.....Aug. 6, 1922
 Aug. 17, 1922—N. 1/2 OF LOTS 10, 12,
 blk. 4 west, Stockton. Maria A.
 Gavne to Messrs. Lewis and Bar-
 ling.....Aug. 12, 1922

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
 Aug. 14, 1922—LOT 44 OF DIV. "D,"
 Small Farms Improvement Tract,
 Stockton. B. G. Ellingwood vs.
 Elizabeth E. Waterman.....\$128.70
 Aug. 16, 1922—N. E. 1/4 AND THE
 E. 1/2 OF E. 1/2 OF NW. 1/4 OF Sec.
 25, T. 4 N., R. 5 E. A. M. Barton vs.
 William D. Johnson and J. M. Hen-
 derson, Jr.\$232.50

BUILDING CONTRACTS

SANTA CLARA COUNTY

\$1,000 and Over Reported

DWELLING
 LOT 7, BLK. 1, East San Jose Home-
 stead Association, San Jose. A. P.
 work for one-story dwelling.
 Owner—John F. and Katherine Matty,
 San Jose.
 Architect—A. J. Nielsen, San Jose.
 Contractor—A. J. Nielsen, San Jose.
 Filed Aug. 18, '22. Dated Aug. 15, '22.
 All studding in place.....\$954
 Roof, electric wiring and lathing
 done.....954
 Completion.....951
 Usual 35 days.....951
 TOTAL COST, \$3,814
 Bond, limit, forfeit, plans and speci-
 fications, none.

COTTAGE

NEAR SAN MARTIN, SANTA CLARA
 County Cal. All work on one-story
 frame cottage.

Owner—W. Partsch and Mrs. F.
 Partsch (his wife), San Mateo, Cal.
 Architect—None.
 Contractor—A. J. Nielsen, 156 S. 20th
 St., San Jose, Cal.
 Filed Aug. 21, 1922.

All studdings are in place.....\$1150
 Roof, elect. wiring and lathing
 complete.....1150
 Building is completed.....1150
 Usual 35 days.....1150

TOTAL COST, \$4,600

Bond, none; sureties, none; forfeit,
 none; limit, 70 working days from Aug.
 21, 1922. Plans and specifications filed
 Aug. 21, 1922.

BUNGALOW

PART OF LOT 5, BLK 25, OAK KNOLL
 Manor, near Redwood. Furnish
 and construct 6-room bungalow.
 Owner—Arthur Price, 589A Dolores St.,
 San Francisco.

Architect—None.
 Contractor—Arthur Payne, Oak Knoll
 Manor, Redwood.
 Filed Aug. 21, '22. Dated Aug. 17, '22.
 Roofed.....25%
 First coat plus.....25%
 Accepted.....25%
 Usual 30 days.....25%
 TOTAL COST, \$3145

Bond, none; sureties, none; forfeit,
 none; limit, 60 working days. No plans
 or specifications.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
 Aug. 19, 1922—MAYFIELD, CAL.
 Paulina Emma Thompson to whom
 it may concern.....Aug. 18, 1922
 Aug. 19, 1922—MAYFIELD, CAL. J.
 M. Fisher to whom it may con-
 cern.....Aug. 18, 1922
 Aug. 19, 1922—SAN JOSE, CAL. Anna
 Mary Foster to C. F. Bacon.....
Aug. 18, 1922
 Aug. 19, 1922—SANTA CLARA, CAL.
 L. Ball to L. J. Kelly.....Aug. 19, 1922
 Aug. 19, 1922—LOT 16 BLK 8,
 Hanchett Residence Park, San Jose
 Antonio Parisi to whom it may
 concern.....Aug. 14, 1922
 Aug. 18, 1922—LOT 3 BLK 8, Han-
 chett Residence Park, San Jose.
 Antonio Parisi to whom it may
 concern.....Aug. 14, 1922

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
 Aug. 19, 1922—SANTA CLARA, CAL.
 H. B. Miller vs. Ned C. Griffen,
 Sadie P. Griffen and M. Perino.....\$1230
 Aug. 19, 1922—SANTA CLARA, CAL.
 Salvatore Minietta vs. Ned C.
 Griffen and M. Perino.....\$275
 Aug. 18, 1922—PTN NW 1/4 OF SEC
 15, T. 8 S. R. 1 W. M. D. M. & being
 Alce Lot 38 and part Lots 39, 40
 and 41 of Prune Ridge Tract, con-
 taining 13.93 acres. Hubbard &
 Carmichael Bros. a corp vs Ned C.
 and Sadie P. Griffen and M. Perino
\$1006.16
 Aug. 18, 1922—LOT 38 and part Lots
 39, 40 and 41, Prune Ridge Tract,
 containing 13.93 acres. W. J. Porter
 vs Ned C. and Sadie P. Griffen and
 M. Perino.....\$185
 Aug. 18, 1922—LOT 28 and part Lots
 39, 40 and 41, Prune Ridge Tract,
 containing 13.93 acres. Joseph
 Russo and G. R. Zabraria vs Ned C.
 Griffen and M. Perino.....\$258.26

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
 Aug. 15, 1922—LOT B, San Martin
 Ranch Map No. 8, Santa Clara Co.
 A L Phillips to Catherine Dunne Co.
 and Fulton Engine Works.....\$1195

BUILDING CONTRACTS

SAN MATEO COUNTY

GENERAL WORK FOR FIRE DEPT.
 SO SAN FRANCISCO, San Mateo Co.,
 Cal. Install cast iron water mains,
 fire hydrants, etc. on Chapin, Ran-
 dolph, Green and Braden Aves.
 Owner—So. San Francisco Water Co.
 Architect—None.
 Contractor—H. C. Glackin, San Fran-
 cisco.
 Filed Aug. 15, '22. Dated Aug. 14, '22.
 Completed.....75%
 Usual 35 days.....25%
 48c per lin. ft. 4-in. Class B cast bell
 and spigot and spigot pipe; 55c
 lin. ft. 6-in.; \$4.00 house service
 connection; \$3.50 hydrant connec-
 tion.

Forfeit, \$25; limit, 60 working days.
 Specifications only filed.

RESIDENCE

LOT K, BLK. 3, BURLINGAME LAND
 Co., Burlingame, Cal. All work on
 two-story residence.

Owner—James C. Beard, 400 Primrose
 Ave., Burlingame.
 Architect—None.
 Contractor—C. E. Fowler, 829 Edge-
 hill, Burlingame.
 Filed Aug. 15, '22. Dated Aug. 14, '22.
 Framed.....\$2190
 Browned.....2190
 Completed.....2190
 Usual 35 days.....2190
 TOTAL COST, \$8760

Bond, none; sureties, none; forfeit,
 none; limit, 120 working days after
 Aug. 16, 1922. Plans and specifications
 filed.

REMODELLING, 9TC.

18 LASUEN ST., CAMPUS OF STAN-
 ford University. Reconditioning, re-
 modeling of and additions to Delta
 Kappa Epsilon House—2 stories.
 Owner—Delta Kappa Epsilon Assn.,
 San Francisco.

Architect—O. R. Thayer, 110 Sutter St.,
 San Francisco.
 Contractor—A. C. Hamilton, San Fran-
 cisco.

Filed, —. Dated Aug. 14, 1922.
 75% as work progresses, according to
 stipulations set forth in contract.
 35 days after completion, balance.
 ESTIMATED NET COST, \$10,228.50
 FIXED FEES, 1022.85
 TOTAL COST, 11,251.35

Bond, yes; sureties, U. S. Fidelity &
 Guaranty Co.; forfeit, \$6000; limit, —;
 Plans and specifications filed Aug. 15,
 1922.

MAUSOLEUM

STATION 17, PLAT 11, HOLY CROSS
 Cemetery. Grading, erecting and
 constructing mausoleum.

Owner—Alex Vayssir, 402 Broadway,
 San Francisco.
 Architect—Albert J. Fabre, 110 Sutter
 St., San Francisco.

Contractor—H. N. Reallini, 429 Hearst
 Ave., San Francisco.
 Filed Aug. 17, '22. Dated Aug. 10, '22.
 Foundation in.....\$1520
 Base to 1st fl. level.....1500
 Completed.....3000
 Usual 35 days.....2022

Bond, \$4031; sureties, C. Cariani and
 Miss Elsie Steinl; forfeit, \$10,000; limit,
 100 working days. Plans and specifi-
 cations filed.

COMPLETION NOTICES

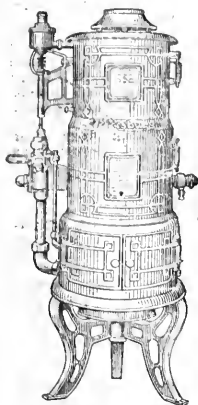
SAN MATEO COUNTY

Recorded Accepted
 Aug. 19, 1922—LOT 24 BLK. 34
 Easton Addition No. 2, Burlingame.
 Marie A. Van Tyne to John Gib-
 bons.....Aug. 18, 1922
 Aug. 16, 1922—LOT 1, BLOCK 28,
 Eastern Add. No. 2, Burlingame.
 Charles R. and Edna M. Hall to
 Alfred C. Dahl.....Aug. 1, 1922
 Aug. 16, 1922—LOT 1, BLOCK 2, RE-
 sub. Dwyer Park; lot 2 block 34, lot
 8 block 32, lots 8 and 14 block 8, lot
 9 block 15, lots 11 and 17 block 35,
 lots 21, 10, 18 block 30, lot 18 block
 31, Redwood Highlands. Redwood
 Highlands Co. to Harry C. Knight.
Aug. 15, 1922

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
 Aug. 18, 1922—LOT 66 BLK. 7, STAN-
 ford Park No. 2, near Menlo Park.
 Robert Bruce, M. B. Lively and W.
 G. Bell vs. Linda Gregory and E. R.
 Brister.....\$749.55



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SAN FRANCISCO, CALIF., SEPTEMBER 2, 1922

Published Every Saturday
Twenty-second Year No. 35

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*Appearance
Comfort*

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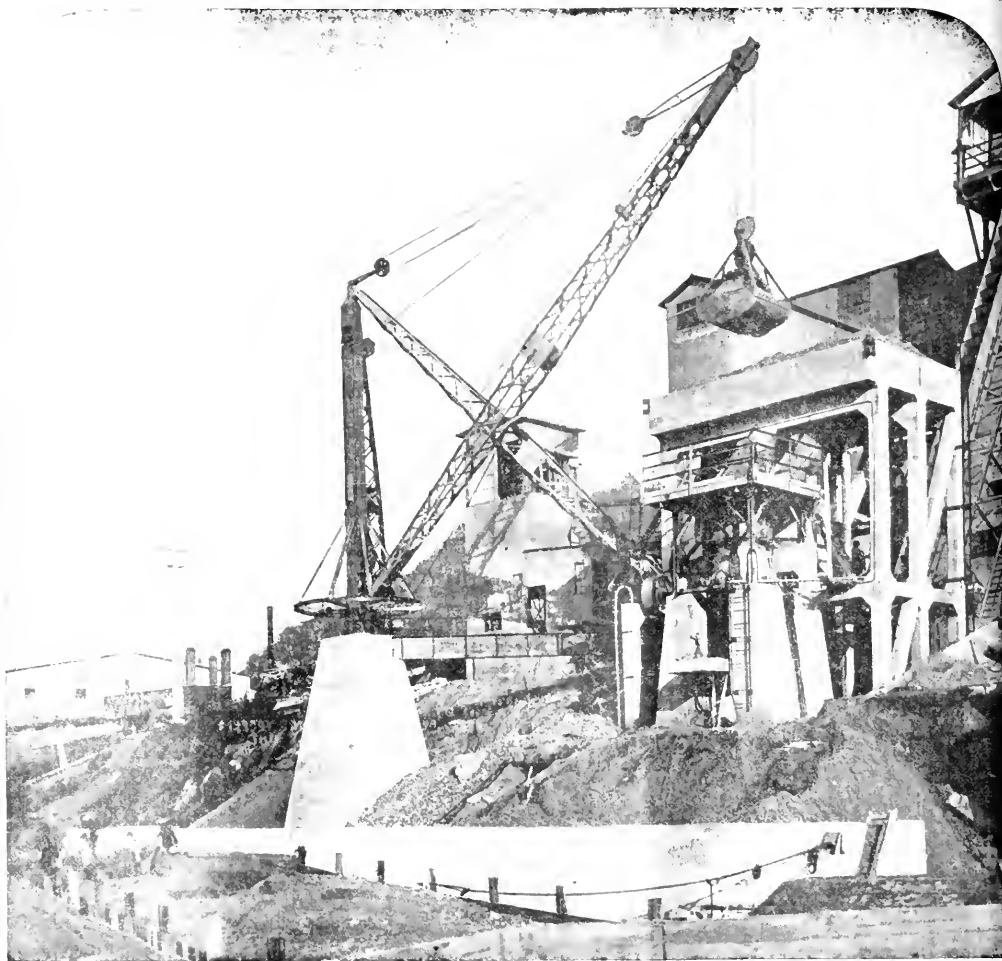
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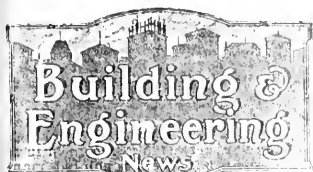
Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., SEPTEMBER 2, 1922

Twenty-second Year No. 35



No. 560 Mission Street,
San Francisco, Calif.

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J. P. FARRELL, Managing Editor

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SAN FRANCISCO BUILDING FOR
AUGUST TOTALS \$6,214,082

Building activities in San Francisco for the month of August totaled \$6,214,082, according to figures compiled by Chief Inspector of Buildings John P. Horgan, of the Department of Public Works. Horgan reports the issuance of 690 permits during August.

The totals for August are the largest recorded in San Francisco since January, 1914, when 398 permits were issued for improvements totaling \$7,349,816. During that month, however, the city Building Bureau included in the report 16 exposition buildings estimated to cost \$6,127,000, leaving a little in excess of \$1,000,000 for private operations.

Operations for the past month are segregated as follows:

Class	No. Permits	Est. Cost.
A	2	700,000
B	1	100,000
C	31	562,860
Frames	218	1,185,058
Alterations	437	3,208,739
Harbor	1	57,425
TOTAL	690	6,211,082

The Diamond Match Co., of Chico, has purchased the Colusa Lumber Co., and the stock of H. H. Hickok & Son, both of Colusa. The purchased will consolidate the two yards. A. H. Pope, of the Colusa Lumber Co., will probably be retained as manager.

The City of Watsonville proposes to purchase the water works system of the Watsonville Water Company for \$200,000, funds to be raised through a bond issue. Should the system be purchased, extensive improvements are contemplated.

Clark & Henry Construction Company of San Francisco, at \$163,830 has been awarded a contract by the City Trustees of Healdsburg, Calif., to improve twenty-five blocks of streets.

NATIONAL BUILDING CODE NOT POSSIBLE, SAYS SEATTLE BUILDING INSPECTOR

"A universal building code for American cities while it may be desirable in many ways, is not possible, for the reason that there are local problems here in the West and in the South which do not apply to the East and there are also local problems on the sea coast which do not apply to the interior or mountainous regions," says James Blackwell, Superintendent of Buildings Seattle.

Continuing he says:
"I think such a code should cover all building practice that is common all over the United States. For instance, the stresses of steel are the same where the sections and areas are the same, as this product is manufactured for general use all over the United States, and there is no reason why the laws pertaining to the construction of steel should not be uniform in every city of the Union. In all probability the laws for concrete and reinforced concrete could be uniform. The stresses for brick, however, and for the various kinds of stone pertain only to the localities where they are used. It would but promote confusion to permit the stresses for brick in this part of the country to be equal to the stresses of brick, say, in Washington, Baltimore or Philadelphia, for they are very different. The same applies to lumber and many other things. The laws pertaining to fire hazards, however, and to methods of egress and safety can be made uniform.

"To put a universal code into effect it seems to me that the committee of the Department of Commerce, working on a national building code, under the chairmanship of Ira H. Woolson, is taking the proper initiative in the matter, and by education and conferences it is probable that the building departments of the various cities can come to some conclusion as to what a common building code applicable to all of the cities should be. The tendency now is to hold conferences between the cities that they may learn from each other."

SOUTHERN PACIFIC PLANS EXTENSIVE IMPROVEMENTS

More than \$29,000,000 will be expended by the Southern Pacific in a construction and development program, according to P. L. Buckhalter, assistant general manager. It is proposed to expend this appropriation as follows:

New rails, ties, ballast, \$11,300,000; new locomotives, \$4,500,000; new rolling stock, \$12,500,000; plant facilities, \$700,000.

Extensive maintenance of way improvements are planned, including the construction of 299 miles of track during the remainder of 1922; this track will be laid with new 90-pound rails.

In addition to this, 2,518,000 ties will be installed and 800,000 cubic yards of crushed rock will be used for roadbed ballast.

The line through the Tehachapi Mountains will be double tracked for a distance of 23 miles this year at a cost of \$1,000,000. Tunnels and cuts all along the lines will be enlarged, reinforced and constructed. It is also planned to add greatly to the equipment of the company and several millions will be spent for rolling stock.

DEMAND FOR ENGINEERS BACK TO NORMAL, A. A. E. REPORTS

A gradual and steady advance in engineering employment in all sections of the country with increased activity in the basic industries is reported by the employment department of the American Association of Engineers. The demand for architectural and structural draftsmen and designers with building, or plant, experience has far exceeded the supply in practically all sections of the country.

Employment conditions for engineers in most territories are normal or very nearly so. The southwest reports a scarcity of mechanical and structural men. California reports that students for summer employment are the only men available. Missouri reports normal conditions with calls for structural engineers predominating. Employers in eastern cities where usually more men are available are experiencing difficulty in finding capable engineers, with the possible exception of the District of Columbia.

The total number of positions being received by the American Association of Engineers is over 400 each month, with about 250 of these filled by the association. This large placement is due to concerted local activity by capable employment representatives. The average monthly salary of all positions filled during June was \$192.

A number of positions above the \$500 mark were filled.

TWENTY-SIX LUMBER FIRMS UNITE

Papers have been filed with the Federal Trade Commission by the Delta Export Lumber Corporation, under the export trade act (Webb - Pomerene law) for the purpose of exporting red gum forest products.

The corporation comprises twenty-six member concerns, thirteen in Tennessee, two in Kentucky, five in Arkansas, two in Ohio and one each in Indiana, Louisiana, Illinois and Mississippi. The main office of the association will be located in Memphis, Tenn., with branch offices in European countries.

The officers are: R. L. Jurden, president; R. J. Hackney, first vice-president; W. R. Satterfield, second vice-president; W. E. Hyde, treasurer; W. B. Chapman, secretary.

The Delta corporation is the sixth lumber export association formed to operate under the export trade act. The five previously organized concerns exported a total of 357,821,224 feet of lumber from the United States during 1921, an increase of 22,555,000 feet over the year 1920.

fun for all.

Built for a Chicago store, a three-wheeled delivery truck is driven by a motor enclosed in the third wheel, which is in front, it being possible to turn the vehicle in its own length.

A New Hampshire man is the inventor of a press for printing names or trade marks on citrus fruits that also can be used on almost any spherical objects of similar size.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Los Angeles with a total of \$8,064,018 ranked fifth among the cities of the United States in building for the month of July. Cleveland slipped into third place with a total of \$11,177,450 and Philadelphia into fourth place with a total of \$10,531,810. Detroit followed Los Angeles with \$7,389,768, and Washington seventh in the list with a total of \$6,536,757. San Francisco takes fourth place with a total of \$2,024,036, and Portland, Ore., eighteenth with \$2,206,615, and Oakland, Cal., twenty-first with \$1,900,712.

P. G. Lingren, sales manager for the Denny-Renton Clay and Coal Co., Seattle, has resigned to accept a similar position with the California Pottery Co., of San Francisco, manufacturers of a general line of clay products. Lingren has been with the Denny-Renton Co. for 21 years. Before becoming sales manager of the concern, he was assistant auditor and prior to that purchasing agent. He spent six months in Y. M. C. A. war work, having enlisted in overseas service but did not get across.

The lumbermen of Humboldt County have united in a definite policy of reforestation. They have employed Major David T. Mason, forest engineer of Portland, Ore., to direct a policy which will insure the future productivity of the fast increasing cut-over lands of the county. Forests so far untouched will also be treated in a much more economical and scientific manner in the process of logging than has been the case in the past.

George W. Lukens, who was in charge of the Architectural Service Bureau of the Paint Department of E. I. du Pont de Nemours & Co., died July 30, after a short illness, at his home in Philadelphia. Mr. Lukens was formerly connected with the Bridgeport Wood Finishing Co. and had a wide acquaintance among the architectural and building trades.

Chas. C. Hoffman of the Golden Gate Iron Works of San Francisco has been granted a patent on a steel trailer, equipped with an improved steering and coupling device, intended to keep the trailer from whipping or swaying from one side of the road to the other while in transit. Hoffman will manufacture and market the product.

Approximately 25 blocks of street pavement, curbs and gutters are included in Visalia's paving program now under way, according to L. H. Gadsby, city engineer. A contract was recently awarded to the Valley Paving & Constr. Co. to improve NE. 2nd, NW. 2nd and NE. 3rd Aves. on a bid of \$81,295.

J. A. Mohr & Son, of San Francisco, general painting contractors, specializing in compressing air painting and sand blasting, have opened a branch office at 351 Twelfth St., Oakland and 228 West 15th St., Los Angeles.

The Marysville city council has let a contract to J. E. Hutchinson, of Rio Vista, for the Ellis Lake Improvement at approximately \$29,000. The project involves 135,000 cubic yards of earthwork.

The Santa Monica Brick Co. has started the construction of a plant for the manufacture of brick at Twenty-fourth St. and Michigan Ave., Santa Monica. It is expected the plant will be in operation by Nov. 1. The initial capacity will be about 40,000 bricks per day. M. J. Carlton of Santa Monica will be manager of the new concern.

The California State Association of Electrical Contractors has re-elected E. E. Brown of San Francisco, president. The following were elected as an Executive Committee: V. Lemoga, San Francisco; J. Oyler, Berkeley; J. C. Hobbrecht, Sacramento; C. E. Osborne, Turlock; H. H. Conley, Fresno and Walter Cox, Santa Cruz.

Gardner F. Williams, mining engineer and former general manager for the DeBeers-Consolidated Mines, Ltd., of South Africa, diamond producers, died in San Francisco August 22. Williams was a native of Michigan, coming to California in 1939. He was 80 years of age.

Strawberry Canyon has been selected as the site for the new University of California stadium to be constructed at a cost of \$1,100,000. According to preliminary plans made by Architect John Howard, of San Francisco, the stadium will have a seating capacity of 75,000 persons.

The Domestic Trade Department of the San Francisco Chamber of Commerce has a request from a Buffalo, N. Y. manufacturer of electric dumbwaiters, for a live-wire agent in San Francisco to sell architects and building contractors.

Capitalized at \$1,000,000, the Hama Hamr Logging Co., with headquarters at Seattle, Wash., has been formed, with Herbert J. Clough, of Everett, Wash., as president to cut between 400,000 and 600,000,000 feet of timber near the mouth of the Hama Hama river in Mason County.

Additional dry kilns which will increase the plant's drying capacity from 50,000 to 45,000 feet daily will be installed by the Pelican Bay Lumber Co., at Klamath Falls, Ore., at a cost of \$30,000, according to an announcement of D. Mortensen, president of the company.

The Benton saw mill, located about 12 miles southwest of Bray, Siskiyou county, owned and operated by the P. H. Benton estate, suffers \$20,000 fire loss. The mill was insured for \$15,000 and had a daily capacity of 40,000 feet.

The Concrete Lumber Co. of Los Angeles proposes to establish a plant at Hayward, Alameda county. I. C. Woodworth of the company is conferring with contractors in that section regarding a market for concrete lumber products.

The Red River Lumber Co. at Westwood was the heaviest California producer in 1921 with a cut of nearly 66 million feet. Wood Lumber Co. cut 52 millions and the McCloud River Lumber Co. 53 millions.

ALONG THE LINE



Louis Stewart, widely-known in lumber circles, has been appointed manager of the lumber department of Sudden & Christenson. Stewart served for a number of years in various capacities in the Hammond Lumber Co. Later he joined W. L. Conyn & Co., and his last affiliation before going with Sudden & Christenson was with the Ocean Lumber Co.

Wm. B. Gray, formerly connected with the San Francisco office of the Pacific Portland Cement Co., has been appointed San Francisco representative for the Linton-Lath Manufacturing Co. of Vernon, Calif. Gray will have supervision of the sale of the product in Northern California.

E. S. Hogan, formerly connected with the firm of D. Zelinsky & Sons, San Francisco painters, has established a business for himself at 235 Emerson street, Palo Alto. He will carry on a painting, paper hanging and decorating business.

Jan S. Dawson, member of the firm of Olmsted Bros., noted landscape architect, is in San Francisco from the East to inspect the work of his firm in St. Francis Wood. The firm had the laying out of streets and the planting of trees and shrubs.

Ora Enslow, former surveyor of Butte county, died in Tracy, Cal. Aug. 25. Enslow was first elected as surveyor of Butte county in 1884, and was re-elected in 1886, serving two two-year terms during the period from 1884 to 1888.

Thos. J. Mooney, Palace Hotel Fresno, Cal., is in the market for pamphlets and catalogs on theatre equipment and supplies, revolve, stages, asbestos curtains, glazed terra cotta for building fronts, brick fireproofing materials, etc.

Public Works Department, Mare Island Navy Yard, has been authorized to expend \$200,000 in repairing seawall, the work to be performed by yard employees.

Walter A. Hoff, landscape engineer, has withdrawn his interests from MacRorie-McLaren Co., and has opened offices in room 1100 Santa Fe Building, San Francisco.

To construct storm sewers in the Barnhart Tract, it will cost \$20,184, according to estimates compiled by City Engineer L. F. Barzellotti of Lodi.

The Stockton Window Glass Co., of Stockton, Cal., has opened a branch office in the Furniture Exchange Building, San Francisco.

C. E. Morris has opened quarters at Addison Ave. and Cowper St., Palo Alto and will engage in the contracting business.

"PROSPERITY IS HERE," SAYS C. OF C. REPRESENTATIVE

Bank clearings, building construction, real estate sales and postal receipts show "prosperity is here," according to figures for the first seven months of 1922, compiled by Mrs. A. De Witt Cook, director of the research department of the San Francisco Chamber of Commerce.

In building activity San Francisco is establishing a record year. The total expenditure during the first seven months of the current year is \$1,586,971 in excess of the entire year of 1921. Last year's total was \$22,241,672, while the total for the seven month period of the current year is \$26,830,713. July, 1922, shows an increase of \$2,023,796 over July, 1921.

The statisticians find a consistent increase with each succeeding month, with every indication the twelve months of 1922 will prove greater than the two years following the big fire of 1906 and greater than the building mark established during the exposition period. Figures show the month of January, this year, to be the largest since 1914.

Record-smashing activity also is shown in the real estate line. The real estate sales of 1921, amounting to \$80,863,796, were regarded as a banner year in the history of San Francisco. As large as they were, a huge sum, they will be eclipsed by 1922 realty transactions. In the first six months of 1922 real estate operators here consummated deals totaling \$70,531,377. Chamber of Commerce reports are to the effect that the same speed which characterized the first six months of 1922 is continuing and the year's total will be in proportion to the six months' aggregate, thereby setting another new mark.

UNIVERSITY OF CALIFORNIA ORGANIZING CLASS IN REINFORCED CONCRETE

Engineers and other technical men are interested in courses given by the extension division of the University of California in reinforced concrete construction. The classes are conducted by Harry W. Bohn, of the office of H. J. Funnler, prominent San Francisco engineer. An advanced class is now being organized which will take up the actual design of beams, columns, retaining walls and other simple reinforced concrete structures. Members of the class will work out all of the necessary formulas for the design of these members and will then make the preliminary drawings. The class meets in room 237, Pacific building, San Francisco, on Mondays and Fridays at 7 p. m.

An elementary class is scheduled to begin on Sept. 8, in the same place, at 8 p. m. Instruction in this class will include lectures, and discussion of the application of mechanics to concrete structures. Formulas will be derived which are constantly made use of by the architect and structural engineer whenever concrete is employed as a material of construction.

Enrollments for both elementary and advanced reinforced concrete courses are now being received at the office of University Extension, 140 Kearny St., San Francisco.

MANUFACTURING OPPORTUNITY

The Convertible Car Co., at Lynchburg, Va., owner of United States patents for the Handicar, a new idea for pleasure purposes and for wheeling loads, wishes to arrange with a manufacturer in this vicinity to produce and distribute its product in Western states and for Pacific export. The company claims that on a large scale the car can be manufactured and boxed for \$3. The selling price quoted is \$10 f. o. b. factory. A sample Handicar will be shipped on request. Further information may be obtained from the Industrial Department, San Francisco Chamber of Commerce.

SEASONAL DECLINE IN EXPENDITURES FOR BUILDING

A seasonal decline in expenditures for building was reported by Bradstreet's. The report, in commenting on its latest compilations, says:

"Returns of building expenditures for July, as expected, show a slight decline from the peak total of June, but continue to record a heavy gain in aggregates over the corresponding month of last year. Thus, reports to Bradstreet's from 149 cities of the

United States show a total expenditure permitted for of \$188,155,537 for July as against \$224,503,116 at the like date in June and \$135,227,838 in the month of July, 1921. There is here indicated a decrease of 16.2 per cent from June, but a gain of 30 per cent over July a year ago.

"Even with returns for 15 cities out of the 163 regularly reporting to Bradstreet's not received, the total for July exceeds that of any month previous to March this year. Most of the larger cities show declines from the June totals, these including New York, Chicago, Philadelphia, Boston, Los Angeles, Philadelphia, Pittsburgh, Detroit, St. Louis and San Francisco. Exceptions to this, however, are found in the cases of Cleveland, Minneapolis, St. Paul, Baltimore, Memphis and Washington."

OAKLAND BUILDING ACTIVITIES EXCEEDS ALL PAST RECORDS

Nearly \$13,500,000 is being invested in new construction for which permits have been issued in Oakland during the first seven months of 1922. This figure marks the highest record of building activities in the history of the community.

The total of construction cost for building permits issued during like period of 1921 was \$12,566,100. The total of permits for the entire year of 1921 was \$14,888,465, which is but 13 per cent greater than the total investment called for by permits issued during the seven months' period just passed.

The records show a marked increase in building activity of all classification, the greatest being in commercial construction. Permits for new commercial construction during the first seven months of this year call for an investment of 166.8 per cent greater than permits of like classification for a similar period of last year.

The construction of new housing shows a marked increase, permits for new dwellings showing an increase of 50 per cent in investment and for flats and apartments, an increase of 51 per cent in investment over like period of 1921. The entire production of new housing is being promptly absorbed by increased population.

WHEN IN DOUBT, ASK THE ENGINEER

Confronted by the problem of lowering a two hundred ton steel boiler plate tank into position in a new ice plant being constructed by the Pacific Fruit Express Co. in the Southern Pacific yards at Bakersfield, engineers were forced to resort to novel means of setting the huge tank. The tank was resting on a platform over the foundation and the engineer in charge securing blocks of ice from the nearby plant directed the building up of ice piles to the base of the tank. The platform was then cut away and the weight of the tank in the sun's rays gradually lowered the tank to the foundation.

DAILY
PACIFIC BUILDER

The only daily newspaper in the West whose columns are devoted exclusively to Building News. Covers San Francisco and Bay Counties. \$1.25 per month, payable in advance. Send for sample copy.

560 MISSION STREET

SAN FRANCISCO, CAL.

Building News Section

APARTMENT HOUSES

Plans Being Prepared. Figures to Be Taken in Two Weeks.
ALTERATION Cost, \$10,000
SACRAMENTO, 9th and G Sts.
 Alter two-story for apartments.
 Owner—Fred A. Aukener, San Francisco, Hotel Whitcomb.
 Architect—F. C. Hemmings, Oschner Bldg., Sacramento.

Plans Being Figured.
APARTMENTS Cost, \$100,000
SEATTLE, Wash. Olive Street and Yale Avenue.
 Four and five-story concrete and heavy mill construction (44) apartments; (27 3-room and 17 2-room apts.).
 Owner—Lewis Levy, Broadmore Apts., Seattle, Wash.
 Architect—H. Ryan, Peoples Bk Bldg., Seattle, Wash.

To Be Done By Day's Work.
APARTMENTS Cost, \$70,000
SAN FRANCISCO, NE Taylor St. and Derby Place.
 Six-story and basement concrete (33) apartments.
 Owner—James Welsh, 597 20th Ave., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, \$20,000
BERKELEY, Walnut St.
 Two-story frame and plaster apts.
 Owner—Capt. Rideout.
 Architect—W. J. Wythe, Central Bank Bldg., Oakland.

Plans Being Prepared.
APARTMENTS Cost, \$20,000
OAKLAND, Mather St., near Broadway.
 Two-story frame and plastered apartments and garages.
 Owner—Withheld.
 Architect—W. J. Wythe, Central Bank Bldg., Oakland.

Contract Awarded.
ALTERATIONS Cost, \$10,000
OAKLAND, High St., and Foothill Blvd.
 Alteration and addition to apartments.
 Owner—M. Eggers, Oakland.
 Contractor—A. H. Rose, 525 17th St., Oakland.

To Be Done By Day's Work.
STORE Cost, \$100,000
SAN FRANCISCO, S Geary 137-6, West Hyde St.
 Six-story brick (37) apartments and store.
 Owner—Chas. A. Johnson, 36 Steiner St.

To Be Done By Day Work.
APARTMENTS Cost, \$43,000
SAN FRANCISCO, NW Cole and Parnassus Sts.
 Three-story frame (11) apartments.
 Owner—G. F. Bernard, 110 Gough St.
 Architect—Theo. W. Lenzen, 706 Humboldt Bank Bldg.

Plans Being Prepared.
APARTMENTS Cost, \$65,000
SAN FRANCISCO, Hyde St. near Sutter.
 Six-story reinforced concrete apartment house (24 rooms), 40x76.
 Owner—Louis Blum.
 Architect—C. O. Clausen, Hearst Bldg.

BANKS

Contract Awarded.
BANK BUILDING Cost, \$25,000
OAKLAND, Fruitvale Ave. and Hopkins St.
 One-story reinforced concrete bank building.
 Owner—American National Bank.
 Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.

Contractor—F. W. Maurice, 1362 E 25th St., Oakland.

Plans Being Revised.
BANK BUILDING Cost, \$250,000
VISALIA, Tulare County.
 Five-story reinforced concrete bank & office building.
 Owner—Bank of Italy, S. F.
 Mr. Cunee in charge of construction
 Architect—R. F. Felchlin & Co., Bank of Italy Bldg., Fresno.

To Be Done By Day's Work.
ALTERATIONS Cost—
NAPA, Napa County.
 Alteration and addition to bank.
 Owner—Bank of Italy, S. F., Mr. Cunee in charge of construction.

BONDS

SAN ANSELMO, Marin Co., Cal.—Election will be held Sept. 16 to vote bonds of \$70,000 to finance construction of six bridges in various sections of the town.

EL SEGUNDO, Cal.—The \$200,000 bond issue for a municipal water system carried at a special election. The existing plant will be purchased and extensions and improvements will be made. Olmsted & Gillelin, Hollingsworth Bldg., Los Angeles, engrs.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 18, bids will be received by supervisors for purchase of \$197,000 bond issue of Mountain View Union High School District; proceeds of sale to finance construction of new school building.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 18, bids will be received by supervisors for purchase of \$60,000 bond issue of Gilroy High School District; proceeds of sale to finance school improvements.

SANTA ROSA, Sonoma Co., Cal.—Election will be held Oct. 2 in Day School District to vote bonds of \$200 for school improvements. Trustees of district are: Mrs. S. Williams, Chas. H. Colombo, and W. J. Robertson.

NAPA, Napa Co., Cal.—Bonds of \$45,000 voted in Union School District comprising Salvador, Oak Knoll and Jefferson School Districts; proceeds of sale to finance construction of new school building.

REDWOOD CITY, San Mateo Co., Cal.—Until Sept. 5, bids will be received by the Supervisors for purchase of \$80,000 bond issue of Millbrae School District; proceeds of sale to finance school improvements.

FRESNO, Fresno Co., Cal.—Supervisors sell \$16,000 bond issue of Sierra Union High School District for premium of \$1250; proceeds of sale to finance school improvements.

CHURCHES

Contract Awarded.
CHURCH Cost, \$28,000
STOCKTON, San Joaquin Co., Cal. Clay and San Joaquin Sts.
 Brick church, artificial stone trim and slate roof.
 Owner—Clay St. Methodist Church.
 Architect—Wright & Satterlee, Bank of Italy Bldg., Stockton.
 Contractor—Robert Bowell.

Preliminary Plans Being Prepared.
CHURCH Cost, \$7500
SUNNYVALE, Santa Clara Co.
 Frame church.
 Owner—Sunnyvale M. E. Church.
 Architect—W. J. Wythe, Central Bank Bldg., Oakland.

Figures to Be Taken Shortly.
CHURCH Cost, \$12,000
SONOMA, Tuolumne Co.
 Hollow tile church.
 Owner—M. E. Church.
 Architect—W. J. Wythe, Central Bank Bldg., Oakland.

Contracts to Be Awarded Shortly.
CHURCH Cost, \$30,000
OAKLAND, Clark Blvd. and Hampel St.
 Frame and plaster church to seat 500.
 Owner—St. James Presbyterian Church
 Architect—W. J. Wythe, Central Bank Bldg., Oakland.

BERKELEY, Alameda Co., Cal.—Funds are being raised by Building Committee of All Saints Episcopal Church, Hon. R. Hunter, chairman, to erect addition to present church in Cedar St., near Spruce, to cost \$15,000.

FACTORIES & WAREHOUSES

Contract to Be Awarded Low Bidder.
HATCHERY Cost, \$—
PETALUMA, Sonoma Co., Cal.
 One and two-story reinforced concrete and hollow tile hatchery; first portion, 90x161; 2nd 30x90 ft. with 40 ft. water tower.
 Owner—Nisson Bros, Petaluma.
 Architect—Emanuel Jones, 110 Washington St., Petaluma.
 Following bids submitted:
 Vogeser Constr. Co., Petaluma \$24,000 80 days
 Ward & Jones, S. F., 24,228 80 days
 Matthies & Gale, S. F., 21,632
 John Morton, S. F., 25,154 90 days

Bids Rejected—To Be Done by Day's Work.
CREAMERY Cost, \$15,000
PETALUMA, Sonoma Co., Cal.
 One-story and mezzanine floor frame, corrugated iron and reinforced concrete creamery, 40x110.
 Owner—Petaluma Co-Operative Creamery Co., Petaluma.
 Architect—Emanuel Jones, 110 Washington St., Petaluma.

Plans Being Revised. Sub-figures to Be Taken Shortly.
WAREHOUSE Cost, \$200,000
SAN FRANCISCO, SW Van Ness Ave & McAllister Sts.
 Fireproof Class A 8-story warehouse.
 Owner—Lyon Fireproof Warehouse, 5136 Broadway.
 Architect—W. B. Knowles, Hearst Bldg., San Francisco.

Plans Being Prepared.
ICE PLANT Cost, \$150,000
NEEDLES, San Bernardino Co., Cal.
 Reinforced concrete ice plant.
 Owner—Santa Fe Railway Co.
 Architect—Engineering Department.

Plans Being Prepared.
ICE PLANT Cost, \$150,000
BAKERSFIELD, Kern Co., Cal.
 Reinforced concrete addition to ice plant
 Owner—Santa Fe Railway Co.
 Architect—Engineering Department.

Figures to Be Taken Shortly.
LOFT BUILDING Cost, \$60,000
SAN FRANCISCO, Fremont, bet. Howard and Folsom St.
 Two-story brick and concrete loft bldg. 37-8x37-6.
 Owner—Bothin Realty Co.
 Architect—Arthur S. Eugbee, 26 Montgomery St., San Francisco.
 Lessee—Callahan & Son.

Sub-figures Being Taken Contract Awarded.

ALTERATIONS
SAN FRANCISCO, Howard St.
 Alterations and addition for a furniture manufacturing and wise. bldg.
 Owner—Wm. Volker & Co., 180 New Montgomery St.
 Architect—Willis A. Lowe, Monadnock Bldg., San Francisco.
 Contractor—Plastering to Jas. P. Smith, 273 Minna St.; \$2600; electric work to C. C. Severin, 55th St., day work.

Contract Awarded.

LAUNDRY Cost, \$150,000
PASADENA, L. A. Co., Broadway and Bellevue Drive.
 Two-story reinforced concrete fireproof laundry bldg., 132x185.
 Owner—Home Laundry & Nuway Ldry. of Los Angeles.
 Architect—Marston & Van Pelt, Pasadena Chamber of Commerce Bldg.
 Contractor—John H. Simpson, 685 S. Euclid Ave., Pasadena.

Plans Being Prepared.

ADD. & WAREHOUSE Cost, \$60,000
LOS ANGELES, 7th and Alameda Sts.
 Second unit to terminal warehouse group, 4-story and basement R. C. Class A 100x560.
 Owner—L. A. Union Terminal Co.
 Architect—John and Donald B. Parkinson, Title Ins. Bldg., L. A.

Plans Being Prepared.

LOFT BUILDING Cost, \$20,000
SAN FRANCISCO, Ritch and Brannan Sts.
 Three-story reinforced concrete loft building, 51x75.
 Owner—Bothin Realty Co., lessee Mono Oil Co.
 Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.

To Be Done By Day Work.

WAREHOUSE Cost—
SAN FRANCISCO, Folsom St.
 Two-story warehouse and office building, 75x165.
 Owner—Clinton Constr. Co., 140 Townsend St.

Figures to Be Taken Shortly.

FACTORY BLDG. Cost, \$500,000
SANTA BARBARA, Santa Barbara Co.
 Group of four factory buildings, 125x175 each.
 Owner—Sears-Roebuck Co.
 Architect—Frank Henderson, of Stewart Co.

Engineer—H. Thompson, of Stewart Co.

OAKLAND, Cal.—Until Aug. 31, 12 m., bids will be received by E. L. Sturges, city clerk, for covering roof of municipal warehouse at foot of Jefferson St. Bond of \$250 req. of successful bidder. Specifications on file in office of city clerk.

PARADISE, Butte Co., Cal.—Until Sept. 19, 10 A. M., bids will be received by G. C. Billie, Secretary, Paradise Irrigation District to construct warehouse building. See call for bids under official proposal section in this issue.

FLATS

To Be Done by Day's Work.

STORES & FLATS Cost, \$22,500
STOCKTON, San Joaquin Co., Cal., J. Market Street.
 Stores and flats.
 Owner—Mrs. S. M. Hickenbotham

To Be Done By Day's Work.

FLATS Cost, \$14,000
SAN FRANCISCO, 15th Ave. near California St.
 Two-story 6-room frame and plaster flat.
 Owner—Maria Azaro.
 Architect—C. O. Clausen, Hearst Bldg.

Plans Being Figured.

FLATS Cost, \$10,000
SAN FRANCISCO, Green St. near Van Ness Ave.
 Two-story frame and plaster flats, concrete foundation.
 Owner—Miss Margaret McParland, 1363 Jackson St.
 Architect—Ernest H. Hildebrand, 110 Sutter St.

GARAGES

Contract Awarded.

GARAGE Cost, \$25,000
SAN FRANCISCO, Fulton St. — W Divisadero St.
 One-story reinforced concrete garage.
 Owner—Louis Wood and Dave Shnay.
 Architect—Designer—Mel I. Schwartz, Nevada Bank Bldg., San Francisco.
 Contractor—Trobuck & Cress, 180 Jessie St.

Plans Being Prepared. Figures to Be Taken Shortly.

GARAGE Cost, \$12,000
Marin Co.
 Reinforced concrete garage.
 Owner—Withfield.
 Architect—Designer—Mel I. Schwartz, Nevada Bank Bldg., San Francisco.

Plans Being Prepared.

GARAGE Cost, \$45,000
SAN FRANCISCO, Natoma-Hunter & Sherwood Sts.
 Three-story commercial garage.
 Owner—Bothin Realty Co.
 Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.

Contract to Be Awarded.

GARAGE Cost, \$13,500
SAN FRANCISCO, W 9th Ave. between Irving and Judah.
 One-story brick garage 75x120 ft.
 Owner—A. B. Harrison, Mills Bldg., S F
 Architect—O. R. Thayer, 110 Sutter St.
 Contractor—E. K. Nelson, 77 O'Farrell.

GOVERNMENT WORK AND SUPPLIES

LOS ANGELES, Cal.—Until Sept. 28, 11 A. M., bids will be received by the U. S. Engineer Office, 725 Central Bldg., for sale of U. S. dredge San Pedro and equipment. Further information on request.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, under Specification No. 4601, will shortly issue a call for bids to remodel Barracks Building No. 53, Mare Island, Navy Yard. For further information see notice in the Official Proposal section of this issue.

WASHINGTON, D. C.—Until Sept. 27, bids will be received by Supervising Architect, Treasury Department, to construct officers' and employees' quarters for U. S. Veterans' Hospital at Fort Bayard, N. M. See call for bids under official proposal section in this issue.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, is completing plans for improvements to be undertaken under the following specification numbers:

Spec. 4601, Mare Island, remodeling barrack building No. 43. Deposit for plans, \$10.

Spec. 4665, San Diego, constructing quarters, mess hall, barracks, administration building, pump house, etc. Deposit for plans, \$100.

Further mention will be made of these projects when bids are desired.

WASHINGTON, D. C.—Until Sept. 13, bids will be received by Bureau of Yards and Docks, Navy Department, to construct guard house and shops at Naval Station, San Diego, Cal. Specifications 4582. Deposit of \$20 req. for plans.

WASHINGTON, D. C.—Stand. Fence Co., 245 Market St., San Francisco, at \$3999 awarded contract by Bureau of Yards and Docks, Navy Dept., under Specification 4696 to const. wire partition at San Diego; time to complete 90 days.

WASHINGTON, D. C.—Following bids received by Bureau of Yards and Docks, Navy Dept. to const. quay walls and piers at Naval Station, Pearl Harbor, T. H.: Hawaiian Engineering Co., 824 Kalaumanna St., Honolulu, H. T.; item 1, complete, \$811,743. 45 days; item 5, deduct for each 30 feet bay;

item 1, add \$18,285, or alternate design No. 1, deduct \$14,604; item 7, add or deduct for each foot of concrete pile in place, add \$4 and deduct \$2; item 8, for each foot of timber pile in place add 50c, deduct 30c; item 10, unit price per yard for dredging, 75c.

J. Lloyd, McKangs Building, Honolulu, item 1, \$1,047,736, 450 days; 2, \$1,209,860, 150 days; 3, \$178,900, or \$18,700, 6, \$5120; 7, \$3; 8, \$1. 9, \$3; 10, \$1.10.

DENVER, Colo.—Until Sept. 8, bids will be received by U. S. Reclamation Service, Denver, for 4 gates, radio gates, hoists and hand rail under specification 286-D, for the Klamath project, Orland project and North Platte project. It is estimated that 35,500 pounds of metal work are required.

WASHINGTON, D. C.—Until September 14, 10:30 a. m., bids will be received by Panama Canal Comm., under Circular 1444, for outfitting of the Colon (Pacific Port): Special bronze, brass screws, brass tubing, steel rivets, sanitary fixtures, twine, bow latches, manila rope, sash cord, hand lines (ships' line), ship felt, flux packing, steel brooms, soap, toilet paper, paint, shellac, lacquer, linseed oil, turpentine, petroleum spirits (turpentine substitute), creosote oil, coal tar, lumber and creosoted pipes.

WASHINGTON, D. C.—Tibbitts-Pacifi-Co., 16 California St., at \$10,960, submits low bid to Bureau of Yards and Docks, Navy Department to const. circulating loop for Central Power plant at Mare Island Navy Yard. Time for completion 100 days. A complete list of bids received will be published shortly.

WASHINGTON, D. C.—Until Sept. 29, 3 p. m., bids will be received by Supervising Architect, Treasury Department, to repair wharf at Columbia River Quarantine Station, Astoria, Ore. See call for bids under official proposal section in this issue.

WASHINGTON, D. C.—Lange and Bergstrom, Timken Bldg., San Diego, at \$482,500 awarded contract by Bureau of Yards and Docks, Navy Dept., under spec. No. 4636 to const. wards and service building at Naval Hospital, San Diego.

J. L. Young, Honolulu, at \$166,140 awarded contract to const. six orphanage buildings, railroad track and water main extensions at the naval operating base, Pearl Harbor, T. H. under Spec. No. 4566.

HALLS AND SOCIETY BUILDINGS

Plans Being Prepared.

CLUB BLDG. Cost, \$120,000
SAN FRANCISCO, S Market W. of Twelfth St.
 Two-story brick Class A store and club building.
 Owner—Loyal Order of Moose, S. F. Lodge No. 26.
 Architect—O'Brien Bros., 240 Montgomery St., San Francisco.

Grading Contracts Awarded.

ADDITION Cost, \$250,000
SAN FRANCISCO, N. Sutter west Mason St.

Six-story and basement Class A addition to club building.

Owner—Burlingame Country Club.
 Architect—Bliss & Faville, Balboa building, San Francisco.
 Engineer in Charge of Constr.—A. A. Brown, 120 Market, San Francisco.
 Motor Drayage Co. (31995) 1st report Dec. 6, 1922; 4th July 24, 1922. 118

Contracts for other parts of the work will be awarded in about two weeks.

Plans Being Prepared.

CLUB HOUSE Cost—
BURLINGAME, S. M Co.
 Alter and add to club house.
 Owner—Burlingame Country Club.
 Architect—Bakewell & Brown, 251 Kearny St., S. F.
 Engineer—C. H. Snyder, 251 Kearny St., San Francisco.

Contract to Be Awarded This Week.
LODGE BUILDING. Cost—
BAKERSFIELD. Kern Co.
 Four-story Class A reinforced concrete
 lodge building.
 Owner—Edks Lodge of Bakersfield.
 Architect—Neyers & Johnson, Bankers
 Investment Bldg., San Francisco.
 Plumbing, Heating and Ventilating to
 Burnham Plumbing Co., 2020 Web-
 ster St., San Francisco.
 Painting to D. Zelinsky & Son, 422 Turk
 St., San Francisco.
 Cuni- & Duglar, of Bakersfield will be
 general contractor.

Bids opened.
LODGE BLDG.
 SAN FRANCISCO, NW Clay and Grant
 Ave.
 Extensive alterations to 4-story brick
 lodge bldg, marble work, plumbing
 and electrical work.
 Owner—Soo Yuen Benevolent Assn.
 Architect—Albert Schreffler, Nevada
 Bank Bldg., San Francisco.
 John J. Leonard, low, 186 Jessie
 Street.....\$51,525
 Vukicevich & Bayne, S. F.....\$3,600
 Bayless & Sheridan, S. F.....\$6,240
 Ward & Jones, S. F.....\$6,823
 S. Scheil, San Francisco.....\$8,000
 F. Muller.....\$9,000
 Bids taken under advisement.

HOSPITALS

Contract Awarded.
ALTERATIONS. Cost—
 SAN FRANCISCO, Presidio.
 Alter and repairs to laundry room at
 \$4375, and refrigerator at \$2550, at
 Marine Hospital.
 Owner—U. S. Government.
 Architect—
 Contractor—John Morton, Balboa Bldg.

HOTELS

Plans Being Prepared.
HOTELS. Cost, \$200,000
 SACRAMENTO, Cal., Stockton Road.
 Group of one-story hollow tile hotel
 and apartments, 50x250.
 Owner—Rodome Corp., E. F. Hilhorn,
 mgr., Travelers Hotel, Sacramento.
 Architect—F. C. Hemmings, Oschner
 Bldg., Sacramento.

Hotel and 50 standard tile structures
 forming an outer wall, each structure
 having a living room, bed room, kitchen-
 ette, bath and connecting garage.
 Design of the buildings will be Spanish.

Contract Awarded.
ALTERATIONS. Cost, \$30,000
 SAN FRANCISCO, No. 1231 Market St.
 Alterations and additions to hotel (42)
 bath-rooms.
 Owner—James Otis Trustee.
 Architect—Geo. Rushforth, 354 Pine
 St., San Francisco.
 Contractor—McDonald & Kahn, 136
 Montgomery St., San Francisco.

Contract Awarded.
HOTEL. Cost, \$500,000
 SANTA BARBARA, Cota and State Sts.
 250-room brick hotel.
 Owner—The Mission Inn Co.
 Contractor—Milwaukee Building Co.,
 Wright & Callender Bldg., Los
 Angeles.

Figures to Be Taken Shortly.
HOTEL. Cost, \$150,000
 Coronado near 7th St.
 Four-story brick hotel, 90 rooms.
 Owner—Fred Siegel, 114 Chapman Bldg.
 Architect—L. A. Smith, Western Ave
 and 3rd St., Los Angeles.

Plans Being Prepared.
ADDITION. Cost, \$65,000
 SANTA ROSA, Sonoma Co.
 One-story reinforced Concrete addition
 of 50 rooms to hotel.
 Owner—Occidental Hotel, Santa Rosa.
 Architect—Arthur S. Bugbee, 26 Mont-
 gomery St., San Francisco.

Preliminary Plans Being Prepared.
HOTEL & STORE. Cost, \$90,000
 COMPTON, L. A. Co. Main and Wil-
 mington Sts.
 Three-story Class A reinforced concr.
 and frame hotel and store building.

Owner—L. E. Cope, San Pedro.
 Architect—R. H. Walker, 227 E 3rd St.,
 Long Beach.

Contract Awarded.
HOTEL. Cost, \$100,000
 GLENDALE, L. A. Co., Glendale Ave. &
 Broadway.
 Six-story Class A theatre and hotel.
 Owner—H. J. Tremain.
 Engineers—Barton & Lochridge, 748
 S Hill St., Los Angeles.
 Contractor—Universal Constr. Co.,
 Union Bank Bldg.

PUBLIC BUILDINGS

Plans Being Prepared.
COMMUNITY HALL. Cost—
 NORTH BEND, Ore.
 Two-story concrete community hall and
 auditorium, 70x120 ft., seating 1200.
 Owner—City of North Bend.
 Architect—E. G. McClarn, 525 Ex-
 change Bldg., Portland, Ore.

BAKERSFIELD, Kern Co., Cal.—
 Until Sept. 28, E. A. M. bids will be
 received by F. E. Smith County Clerk,
 to construct roof on court house.
 Johns-Manville products specified. See
 call for bids under official proposal
 section in this issue.

SACRAMENTO, Cal.—Until Oct. 3, 10
 a. m. bids will be received by the State
 Department of Public Works, Division
 of Architecture, for ornamental and
 misc. iron and bronze work in connec-
 tion with Sacramento state buildings.
 Geo. B. McDougall, state architect, For-
 um Bldg., Sacramento. See call for bids
 under official proposal section in this
 issue.

VENICE, L. A. Co., Cal.—Under the
 proposed municipal improvement pro-
 gram, city trustees wish to build a mu-
 nicipal auditorium, library and cham-
 ber of commerce building, with hand-
 stand. It is proposed to construct a
 building with plaza having a seating
 capacity of 2000 or more, and parking
 space for 5000 machines.

RESIDENCES

Contract Awarded.
RESIDENCE. Cost, \$10,000
 PETALUMA, Sonoma County.
 Frame and plaster residence.
 Owner—Mrs. J. G. Nisson, 418 6th St.,
 Petaluma.
 Architect—J. W. Dolliver, 114 Sansome
 St., San Francisco.
 Contractor—L. Clark, Petaluma.

Contract Awarded.
RESIDENCE. Cost, \$19,000
 PETALUMA, Sonoma Co.
 Frame and plaster residence.
 Owner—Dr. Anderson, Prince Bldg.,
 Petaluma.
 Architect—J. W. Dolliver, 114 Sansome
 St., San Francisco.
 Contractor—L. Clark, Petaluma.

Contract Awarded.
RESIDENCE. Cost, \$10,000
 SAUSALITO, Marin Co.
 Frame residence.
 Owner—Mrs. Kirkland.
 Architect—J. W. Dolliver, 114 San-
 some St., San Francisco.
 Contractor—J. Strang, Sausalito.

Plans Being Prepared.
RESIDENCE, ETC. Cost, \$13,000
 SAN FRANCISCO.
 Seven-room brick residence and garage
 Owner—Withheld.
 Architect—Albert J. Fabre, 110 Sutter
 St., San Francisco.

Contract Awarded.
RESIDENCE. Cost, \$12,000
 SAN FRANCISCO, E Fifteenth Ave.
 near Ariza St.
 Nine-room frame and plaster residence
 Owner—Sig Kauffmann.
 Architect—T. Peterson Ross, 310 Cal-
 ifornia St., San Francisco.
 Contractor—Joston & Zwieg, 809 Flair-
 iron Bldg., San Francisco.

Contract Awarded.
RESIDENCE. Cost, \$18,600
 SAN FRANCISCO, Emery and Myrtle
 Streets.
 Two-story frame and plastered resi-
 dence, tile roof, 12 rooms.
 Owner—R. M. Wright, Bank of San
 Jose Bldg., San Francisco.
 Architect—Wolfe & Higgins, Auzeais
 Bldg., San Francisco.
 Contractor—Petrid & Wurtwangle, San
 Jose.

Plans Being Figured.
RESIDENCE. Cost, \$10,000
 SAN FRANCISCO, Balboa Terrace.
 Two-story frame and plaster 8-room
 residence, separate garage.
 Owner—A. J. Schoosl.
 Architect—Harold G. Stores, % Lang
 Realty Co.

Plans Being Prepared.
RESIDENCE. Cost, \$7500
 BERKELEY, Northbrae.
 Two-story frame and plaster residence
 and garage.
 Owner—Wm. J. Conroy.
 Architect—Engineers—McWethy &
 Greenleaf, Albany Bldg., Oakland.

Plans Being Prepared.
RESIDENCES. Cost, \$7000 each
 OAKLAND, Santa Rey and Carlson Sts.
 Two frame and plaster dwelling and
 garages.
 Owner—Gurnette & Chandler, 51 Beaver
 St., S. F.
 Agricultural Engineers—McWethy &
 Greenleaf, Albany Bldg., Oakland.

Contract Awarded.
RESIDENCE. Cost, \$10,500
 OAKLAND, Alameda Co., Lakeshore
 Terrace.
 Two-story frame and plaster residence
 (9 rooms and garage).
 Owner—Bernard Silverstein.
 Architect—Morrow & Garren, Chronicle
 Bldg., San Francisco.
 Contractor—Jas. Rich, 943 42nd St.,
 Oakland.

Contract Awarded.
RESIDENCE. Cost, \$12,500
 SAN FRANCISCO, 1st and Natoma Sts.
 One-story and basement reinforced
 concrete and basement.
 Owner—Walter Sullivan.
 Architect—Leo J. Devlin, Pac. Bldg.
 Contractor—L. Cohn, 110 Sutter St.

Plans Being Prepared.
RESIDENCE. Cost, \$7500
 OAKLAND, Calmar & Carlson Sts.
 Frame and plaster residence.
 Owner—Alton C. Cunha, Oakland.
 Architectural Engineers—McWethy &
 Greenleaf, Albany Bldg.

Contract Awarded.
RESIDENCE. Cost, \$10,310
 ALAMEDA, Alameda County.
 Two-story frame and plaster residence.
 Owner—A. T. Jordan, Oakland.
 Architect—C. W. McCall, Central Bank
 Bldg., Oakland.
 Contractor—H. C. Andersen, 1229 Pearl
 St., Alameda.

Contract Awarded.
RESIDENCE. Cost, \$15,000
 SAN FRANCISCO, Euclid and Common-
 wealth Aves., Jordan Park Dist.
 Two-story and basement frame res.
 Owner—A. Gruneauer, Balboa Bldg.
 Architect—Earle J. Osborne, Balboa
 Bldg.

Contract Awarded.
RESIDENCE. Cost, \$17,000
 SAN FRANCISCO, Divisadero & Union
 Streets.
 Two-story and basement frame and
 stucco residence, 10 rooms, 2 baths.
 Owner—Mrs. Margaret Butler.
 Architect—August G. Headman, Call
 Bldg., San Francisco.
 Contractor—Wm. Martin, 180 Jessie St.

Contract Awarded.
DWELLING. Cost, \$11,800
 OAKLAND, E Gilbert 360 S John St.
 Two-story 3-room dwelling.
 Owner—Wm. Sims.
 Contractor—John R. Faulkes, 932 E
 14th St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, \$8000
SAN MATEO, San Mateo Co.
 Frame and plaster 7-room residence.
 Owner—Mr. Hughes.
 Architect—Chas. E. J. Rogers, Phelan
 Bldg., San Francisco.

SCHOOLS

Figures to be Taken Next Week.
SCHOOL Cost, \$100,000
SANTA ROSA, Sonoma Co., Cal.
 Reinforced concrete class rooms and
 auditorium school building.
 Owner—City of Santa Rosa.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.

Heating Contract Awarded.
SCHOOL Cost, \$—
LIVE OAK, Sutter Co., Cal.
 Heating for one-story frame and brick
 veneer school.
 Owner—Live Oak School District.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.
 Contractor—Booth & Herbooth, Marys-
 ville.

Plans Being Prepared.
CLARKSBURG, Yolo Co. Cost, \$75,000
SCHOOL
 Reinforced concrete 8-room and audi-
 torium school bldg.
 Owner—Clarksburg Grammar School.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.

Contract Awarded.
GYMNASIUM Cost, \$16,300
CRESCENT CITY, Del Norte Co.
 Reinforced concrete gymnasium and
 auditorium.
 Owner—Crescent City School Dist.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.
 Contractor—General, to Mull Bros.,
 Crescent City, \$44,439; heating, to
 John D. Eudert, Crescent City,
 \$1990.

Contract Awarded.
ADDITION Cost, \$16,300
WILLIAMS, Glenn Co.
 One-story reinforced concrete addition
 to grammar school.
 Owner—Llama School District.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.
 Contractor—Harry C. Hauck, Orland.

Figures to be Taken Shortly.
SCHOOL BLDG. Cost, \$20,000
FLOIRIN, Sacramento Co., Elder Creek.
 One-story 2-room frame and plaster
 school.
 Owner—Elder Creek School Dist.
 Architect—E. C. Hennings, Ochsner
 Bldg., Sacramento.

Figures to be Taken Shortly.
ALTERATION Cost, \$25,000
SACRAMENTO
 Alterations and additions to Jefferson
 and El Dorado Schools.
 Owner—Board of Education, Sacramen-
 to.
 Architect—Dean & Dean, Library Bldg.,
 Sacramento.

Figures to be Taken Next Week.
SCHOOL Cost, \$60,000
KNIGHTS LANDING, Yolo County.
 Brick school with tile roof.
 Owner—Knights Landing School Dist.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.

Bids Opened for Rodeo Kindergarten.
KINDERGARTEN BLDG. Cost, \$—
ROEDO, Contra Costa Co., Cal.
 One-story 1-room frame kindergarten
 building.
 Owner—Rodeo School District.
 Architect—Jas. T. Narbett, 910 Mac-
 donald Ave., Richmond.
 Contract will be awarded to low bid-
 der.
 Thornbrough & Bayer, Richmond, \$1735
 A. McCausland, 2658
 Matthew Morton, 2537
 Jos. Serpa, 2387
 Miner Constr. Co., 3325

Figures to be Taken Shortly.
SCHOOL Cost, \$120,000
SACRAMENTO, Cal.
 Eight room and auditorium brick and
 concrete school.
 Owner—Board of Education, Sacra-
 mento.
 Architect—Dean & Dean, Library Bldg.,
 Sacramento.

Contract Awarded.
ADDITION Cost, \$4025
FRESNO, Fresno Co., Cal.
 One-story frame addition to school.
 Owner—Alameda Elementary School
 District.
 Architect—Ernest J. Kump, Rowell
 Bldg., Fresno.
 Contractor—Archie De Mant, Fresno.

Heating Contract Awarded.
SCHOOL Cost, \$10,375
LOS GATOS, Santa Clara Co., Cal.
 Two-story 16-room frame school house
 Owner—Los Gatos School District.
 Architect—Wyckoff & White, Growers
 Bank Bldg., San Jose.
 Contractor—W. K. Nottingham, Oak-
 land.

Contracts Awarded.
SCHOOL BLDG. Cost—
REDDING, Shasta Co.
 Two-story reinforced concrete and tile
 school building, 10 class rooms and
 auditorium.
 Owner—Redding School District.
 Architect—Woollett & Lamb, Hagel-
 stein Bldg., Sacramento.
 General Contract to Herndon & Fin-
 nigan, 1814 17th St., Sacramento,
 at \$93,991
 Plumbing and Heating to Hately &
 Hately, Miton Bldg., Sacramento,
 at \$5284 and \$6784.
 Electrical Work to Shasta Elec Co.,
 Redding, at \$3235.



ATLAS MORTAR CO.
 Ready Mixed Mortar

Clarence Sand Pratt, Chairman,
 "Builders' Day" Outing Committee.
 Dear Sandy:—I regret that during my absence in the north, my usual
 donation to the "Builders' Day" outing was overlooked.
 I take pleasure in advising you of our decision to contribute
 \$50.00 Cash Prize
 I enclose our check payable to your order as chairman.
 Wishing you success, I remain,
 Sincerely Yours,
 CHAS. M. CADMAN, Pres. & Gen. Mgr.

STANDARD OIL CO.
 Sales Department

Clarence Sand Pratt, Chairman,
 Builders' Exchange,
 Gents:—Enclosed please find two prizes for the annual outing at Capitola-
 by-the-Sea on September 2nd, 3rd and 4th. They are:
 \$10.00 Gasoline Scrip Book
 5 Gallon Zerolene Gas Book
 Yours very truly,
 G. E. KENNEDY, District Sales Mgr.

BAKER, HAMILTON-PACIFIC CO.
 Wholesale Hardware

Clarence Sand Pratt, Chairman,
 "Builders' Day" Outing Committee,
 Builders' Exchange,
 Dear Sandy:—We want to do something for the "Builders' Day" and we
 offer two prizes
 24 Hammers (for Ladies' Nail Driving Contest)
 12 Trowels (for Brick Laying Contest)

SEE WHAT Charley Cadman gave.
 SOME FIFTY dollars.
 HE MUST make money.
 ON HIS ready mixed mortar.
 HE MAKES more.
 THAN CLARENCE Sand Pratt, Presi-
 dent.
 OF THE Pratt Building Material Co.
 DOUGLAS 200—"easy to remember."
 WHO SELLS clean, sharp sand.
 READ THE prizes.
 GIVEN BY the Standard Oil Co.
 AND SEE what Hugh Oliphant.
 OF GEO. H. Tay Co. secured.
 FROM BAKER, Hamilton-Pacific Co.

AND THE Builders' Exchange quartette
 WILL MAKE their first appearance.
 BILLY FEARY is Advance Agent.
 FOR THESE great singers.
 THERE HAS been.
 ALMOST NOTHING said.
 ABOUT THE public wedding.
 BUT NEXT to the Bathing Girls' Revue.
 AND THE famous "Builders' Midnight
 Follies."
 THE WEDDING will be very popular.
 BRING PLENTY of California rice.
 AND OLD saccs.
 TO MAKE the bride.
 AND GROOM very happy.
 "I THANK you."

Contracts Awarded.

SCHOOL. Cost, \$110,000
REDDING, Shasta Co., Cal. East side
 Grammar School. Two-story rein-
 forced concrete and tile school
 building (10 rooms and auditorium)
 Owner—Redding School District.
 Architect—Woollett & Lamb, Hagel-
 stem Bldg., Sacramento.
General Contract to Herndon & Finn-
gan, 1814 17th St., Sacramento,
 \$93,991.
Plumbing and Heating to Hatelye &
Hatelye, Sacramento, at \$12,068.

Contract Awarded.

GRAND STAND, ETC. Cost, \$—
LODI, San Joaquin Co., Cal.
 Grand stand, gate and fence.
 Owner—Lodi Union High School Dist.
 Architect—Wright & Satterlee, Bank
 of Italy Bldg., Stockton.
 Grant Stand awarded to L. W. Moller,
 Call Bldg., San Francisco, \$5987.
 Gate and Fence to Standard Fence Co.,
 245 Market St., S. F., \$1970.

Plans Being Revised. Figures to Be
 Taken in Two Weeks.

SCHOOL. Cost, \$300,000
REDWOOD CITY, S. M. Co., Pissis Park
 Three reinforced concrete high school
 buildings.
 Owner—Sequoia High School District.
 Architect—Coffey & Werner, Humboldt
 Bank Bldg., San Francisco.

Bids Received for School.
FINISH GYMNASIUM. Cost, \$10,000

SONOMA, Tomlaine Co., Cal.
 Finish gymnasium, install showers,
 dance floor, banquet hall, kitchen
 and girls' rest room.
 Sonoma Union High School District
 Charles B. Peterson, clerk.
 Architect—Davis-Heller-Pearce Com-
 pany, Delta Bldg., Stockton.
 D. R. Hanley \$4975
 Davidson & Nielsen 6400
 H. D. Grayson 5500
 All bids taken under advisement.

Plans Being Prepared—Figures to be
 Taken Shortly.

SCHOOL. Cost, \$45,000
SAN MATEO CO. Lomita Park
 One-story frame and plaster school (4
 rooms and auditorium).
 Owner—Lomita Park School District.
 Architect—Fulmer & Edwards, Com-
 mercial Bldg., San Francisco.

Low Bidders on School.
GYMNASIUM. Cost, —

PALO ALTO, Santa Clara Co.
 One-story frame and stucco gymnasia,
 locker and shower room, etc.
 Owner—Palo Alto Union High School
 district, Walter H. Nichols, clerk.
 Architect—Alison & Alison, Los Ange-
 les, and Birge M. Clark, Palo Alto,
 associate.

General Work to C. L. Wold Co., 185
 Stevenson St., S. F., at (1) \$38,910;

(2) \$16,410.

Heating to Scott Co., 243 Minna St.,
 San Francisco, at \$944.

Plumbing to Barrett & Hilp, 918 Har-
 rison St., San Francisco, at \$2480.

Bids under advisement.

Contract Awarded.
SCHOOL. Cost, \$7594

FRESNO, Fresno County.
 One-story frame and stucco school.
 Owner—Pomona School District.

Architect—Ernest J. Kump Co., Rowell
 Bldg., San Francisco.

Contractor—T. C. Irwin & W. Hopkins,
 Fresno.

Figures to Be Taken End of Week.

SCHOOL.

SAN LORENZO, Alameda Co.
 One-story frame school, 16 rooms and
 an auditorium.

Owner—San Lorenzo School District.

Architect—Henry C. Smith, Humboldt
 Bank Bldg., San Francisco.

DENAIR, Stanislaus Co., Cal.—Until
 Sept. 8, 3 P. M., bids will be received
 by B. L. Barnett, Clerk, Denair School
 District, Rt. 1, Box 5, Denair: (1) to
 construct addition to present school;
 (2) to close corridor arches of present
 building. Separate bids wanted for
 (1) carpenter work and general con-
 struction; (2) electric work, supplies
 and fixtures for plumbing; (4) paint-
 ing. Specifications may be had from
 the Clerk.

KERMAN, Fresno Co., Cal.—Following bids received by Architect Anton
 Johnson, Kingsburg Bank Bldg., Kingsburg, to construct high school for Ker-
 man Union High School District:

Contract No. I—General

Proposition 1	Alt. "B" Exc. per yd.	Con. per yd
Collman & Speidell, Monadnock Bldg., San Francisco.....	\$143,187.00	\$11,500.00
J. H. Palm	144,800.00	14,800.00
J. G. Liebert	160,980.00	8,861.00
Trewhitt-Shields	146,000.00	14,500.00

Contract No. II—Sheet Metal

Ruth-Ringleman Hdw. Co.....	\$ 2,128.00	\$1,000.00
Barrett-Hicks	1,940.00	540.00
L. F. Tegelberg	4,435.00	2,150.00
Griffin Metal Works.....	2,226.00	514.00

Contract No. III—Composition Roof

Trewhitt-Shields	\$ 2,200.00	Fresno Roof & Paint Co.....	\$ 1,827
C. E. McMullen	2,309.00	Valley Lumber Co.....	2,100.00
West. Asbestos Magnesia Co.	2,350.00		

Contract No. IV—Lathing and Plastering

Trewhitt-Shields	\$ 14,700.00	add \$7,600.00
McGreuer & Simpson.....	16,850.00	9,860.00
Thollander	16,365.00	6,535.00
A. Knowles	14,000.00	8,744.00

Contract No. V—Black Boards

Trewhitt-Shields	\$ 1,443.00	Stewart Sales Co.....	\$ 1,999.95
Pac. Coast B. B. Company.....	1,447.00	Rucker-Fuller	1,626.00
C. F. Weber	2,538.00		

Contract No. V I—Painting

		C.	D.
Trewhitt-Shields	\$ 7,436.00	add \$200.00 deduct \$2,200 deduct	\$105.00
R. Zelinsky	8,269.00	50.00	150.00
C. M. Johnson	5,475.00	1,325	105.00

Contract No. V II—Plumbing

Luppen Hawley & Thing.....	\$ 9,200.00	Bellvue Plumbing Co.....	\$ 11,957.00
B. A. Newman Co.....	8,655.00	Ed. Magnuson	7,450.00
Barrett-Hicks	10,520.00	Trewhitt-Shields	8,914.00
R. Gordon	9,566.00		

Contract No. VIII—Electrical

Prop. I.	Alt. B.	Alt. C.	Alt. D.
Trewhitt-Shields	\$ 7,500.00	add \$325.00 deduct \$300.00 deduct	\$150.00
Osborn Electric Co.....	6,691.00	372.00	162.00
R. E. Rounsaville	9,350.00	450.00	100.00
Pioneer Electric Co.....	.....	160.00	.....
Kingsburg Electric Co.....	6,775.75	335.85	195.00
E. & S. Electric Co.....	9,959.00	438.00	312.60
Electric Construction	7,506.00	415.00	327.00
Robinson Electric Co.....	6,984.00	414.45	263.80

Contract No. IX—Program Clocks

Trewhitt-Shields	\$ 1,050.00		
International Time Rec. co.	997.00		
Pacific Elec. Clock Co.....	985.00	Alternate \$1,150.00	
Standard Elec. Co.....	1,190.00		

Contract No. X—Heating

Prop. I	Alt. B.	Alt. C.	Alt. D.
Trewhitt-Shields	\$ 11,000.00	\$10,500.00	\$1,325.00
James A. Nelson	11,098.00	.....	2,060.00
Knottingham Co.....	10,938.00	10,344.00	2,120.00
Barrett-Hicks	12,211.00	11,467.00	2,371.00
Scott Company	11,576.00	11,041.00	2,103.00

Contract No. XI—Hardware

Prop. I.	B.
Trewhitt-Shields	\$ 2,757.00
Kerman Hardware Co.....	2,230.00
Horlock & Clow	3,062.00
Fresno Hardware Co.....	2,593.00
Valley Hardware Co.....	2,970.00
Cal. Pottery-Eoffman-Winslow	Sash.. 750.00

Contract No. XII—Metal Lockers

Trewhitt-Shields	\$ 900.00	Bergen Mfg. Co.....	\$ 698.10
California Pottery	545.00	Geo. Trask	862.00

Contract No. XIII—Acoustical Felt

Trewhitt-Shields	\$ 1,370.00	John Manville	\$ 1,870.00
West. Asbestos Magnesia Co.	1,300.00		

Contract No. XIV—Lighting Fixtures

Trewhitt-Shields	\$ 1,370.00	Kingsburg Electric Co.....	\$ 3,059.95
Pioneer Electric Co.....	2,750.00	E. & S. Electric Co.....	1,324.00
Valley Electric Co.....	2,069.35		

Contract No. XV—Venetian Blinds

Trewhitt-Shields	\$ 2,600.00	Stewart Sales	\$ 1,638.00
Rucker-Fuller	1,971.10	C. F. Weber	2,638.00

Trewhitt-Shields bid on all contracts..... \$207,000.00

West Coast Construction Company Contract No. I and Thomas Carroll
 Contract No. IX arrived too late to be opened. All bids taken under advise-
 ment until August 31.

RICHMOND, Contra Costa Co., Cal.—Until Sept. 14, 8 p. m. bids will be received by W. T. Helman, clerk, Board of Education, to construct auditorium for Roosevelt Junior High School. Jas. T. Narbetti, architect, 906 Macdonald Ave., Richmond. Separate bids for heating and ventilating system from plans of Engineers Leland and Haley, 58 Sutter St., San Francisco. See call for bids under official proposal section in this issue.

PALO ALTO, Santa Clara Co., Cal.—Until Sept. 8, 8 p. m. bids will be received by L. H. Brown, clerk, Raywood School District, 379 University Ave., Palo Alto, to install steam heating system in school. Norman R. Coulter, architect, 46 Kenney St., San Francisco. See call for bids under official proposal section in this issue.

PACIFIC GROVE, Monterey Co., Cal.—Wm. Sweeney, Pacific Grove, at \$21,911 awarded contract by Pacific Grove High School District to construct gymnasium building. Carl T. Bell, Oakland, at \$2063 awarded contract for heating. Other bids for general construction are: T. H. Dean, Monterey, \$20,995; Allen and Conrad, Oakland, \$25,987; Fred McCray, Pacific Grove, \$26,483. T. Bell, Oakland, was only other bidder for heating at \$2134. Tuttle and Angel, architects, Pacific Grove.

NEWMAN, Stanislaus Co., Cal.—Until Sept. 16, 2 p. m. bids will be received by Seth Wade, clerk, Crestimba Union High School District, to erect one-story brick workshop. Francis W. Reid, architect, Concord, Cal. See call for bids under official proposal section in this issue.

SAN ANSELMO, Marin Co., Cal.—Until Sept. 11, 8 p. m. bids will be received by Mrs. L. Jones, clerk, San Anselmo School District to construct additions to high school. Construction will be of brick. J. W. Dolliver, architect, 553 Monadnock Bldg., San Francisco. See call for bids under official proposal section in this issue.

SERASTOPOL, Sonoma Co., Cal.—Until Sept. 11, bids will be received by Chas. H. King, clerk, Sebastopol Grammar School District, to construct concrete court, 100 sq. ft. at grammar school. Spec. may be had from clerk.

OAKLAND, Alameda Co., Cal.—The Board of Education of the City of Oakland awarded contracts for the construction of a one-story school building with tile roof to be known as the "Golden Gate Junior High School." It is to be located on Sixty-third St. and San Pablo Ave. Plans were prepared by C. W. Dickey, 2149 Broadway, Oakland, architect for the Board of Education. General Contract to Alfred Olsen, 351 12th St., Oakland for \$66,538. Lathing and Plastering to A. Knowles, Cal. Bldg. S. F., for \$5831. Plumbing and Heating to Scott Co., 381 11th St., Oakland, for \$6927, \$11,566. Electrical Work to Standard Elec. Co., 80 Natoma St., S. F., for \$15,268.40. Interior Equipment to Schnebly & Housh, 6th and Jackson Sts., Oakland, for \$8754. Brickwork to be readvertised.

SELMA, Fresno Co., Cal.—Until Sept. 25, 2 p. m. bids will be received by C. W. Christensen, clerk, Selma Union High School District, to construct masonry science hall. Norman F. Marsh, architect, 211 Broadway Central Bldg., Los Angeles. See call for bids under official proposal section in this issue.

STOCKTON, San Joaquin Co., Cal.—Until Sept. 6, 7:30 p. m. bids will be received by Ansel S. Williams, sec. Bd. of Education, to construct frame extension to machine shop at high school. Louis S. Stone, architect, Belding Bldg., Stockton. Plans may be had from architect.

DEL MONTE, Monterey Co., Cal.—Fred McCray, Pacific Grove, at \$5899 awarded contract by Del Monte School District to construct 1-room concrete school. Other bids: Wm. F. Sweeney, Pacific Grove, \$6113; G. E. Deveraux, Monterey, \$6679; J. C. Anthony, Pacific

Grove, \$6827. Tuttle and Angel, architects, 565 Lighthouse Ave., Pacific Grove.

INDEPENDENCE, Yolo Co., Cal.—Until Sept. 11, 2 p. m. bids will be received by Owens Valley Union High School District to construct one-story school building. W. P. Middleton, architect, Bishop, Cal. Plans may be had from architect on deposit of \$20.

FIREBAUGH, Fresno Co., Cal.—E. K. Angle, Los Palos, at \$7233 awarded contract by Firebaugh Grammar School District to construct garage and shop buildings. R. A. Newman Co., Fresno, at \$1495 awarded heating contract. Fredrickson & Shannon, Fresno, for general contract bid \$8710 and heating \$1200. J. H. Palm, Kingsburg, bid \$8950 for general construction. Anton Johnson, Kingsburg, architect.

SANTA BARBARA—Building Committee of Brotherhood of American Yeoman is in Santa Barbara looking for a site on which to build a school for children of deceased yeoman. W. J. Philo, state mgr. of the order, was one of the visitors.

BUTTONWILLOW, Kern Co., Cal.—Geo. Isaac & Son, Shafter, at \$19,112 awarded contract by Buttonwillow School District to construct one-story masonry and frame school. Orville L. Clark, architect, Brower Bldg., Bakersfield. Other bids: G. E. Kutzner, 1715 1st St., Bakersfield, \$22,950; Vitelle and Vitelle, Taft, \$23,580; Wm. Eissler, 2921 Truxton St., Bakersfield, \$25,000; Louis Sorenson, 1101 Fremont St., Bakersfield, \$25,200.

ARCATA, Humboldt Co., Cal.—Until Sept. 11, 7:30 p. m. bids will be received by V. L. Hunt, acting clerk, Arcata Union High School District, to construct gymnasium building. Jacobs, Ackerman and Crozier, architects, 430 H St., Eureka. Plans may be had from architects on deposit of \$10.

STORES AND OFFICES

Sub-Contracts Awarded.
MARKET BLDG. Cost, \$250,000
SAN FRANCISCO. S Market 205 E Eighth St.
One-story steel frame Class B market building.
Owner—Crystal Palace Market, 1175 Market St., San Francisco.
Architect—J. Coleman, 10 Sutter St., San Francisco.
Concrete work awarded to F. Hurley 189 Jessie St.
Roofing steel to Gunn Carl & Co., 444 Market St.
Structural steel to Judson Iron Works, 819 Polson St.
Lumber to Pope & Talbot, 859 Third St.
Excavating to S. F. Motor Drayage Co., 14 McDougall Court.

Contract Awarded.
POSTOFFICE Cost, \$12,549
MADERA, Madera Co., Cal., Yosemite Avenue and C St.
Postoffice.
Owner—W. R. Curtin, Madera, Cal.
Contractor—Miller and Little, Madera, California.

Figures to Be Taken Shortly.
STORES Cost, \$300,000
OAKLAND, Broadway bet. 15th and 15th Sts., Oakland.
Three-stories and basement reinforced concrete store and loft building 160x124.
Owner—George Clark, lessee Rios Bros.
Architect—For owner, Wm. Knowles, Hearst Bldg., San Francisco and Central Bank Bldg., Oakland.
Architect—For lessee, S. Helman, 57 Post St., San Francisco.
Structural Eng.—Edw. J. Soule, Hialto Bldg., San Francisco.
Mechanical Eng.—Leland & Haley, Holbrook Bldg., San Francisco.

Contract Awarded.
STORES Cost, \$17,000
SAN FRANCISCO. S Mission W Fifth Street.
Two-story Class C loft and store bldg. Owner—Louis R. Loric.
Architect—O'Brien Bros., 240 Montgomery St., San Francisco.
Contractor—John Morion, Balboa Bldg., San Francisco.

Contract Awarded.
OFFICE BLDG. Cost, \$50,000
SAN FRANCISCO. S Sacramento near Battery St.
Threestory Class B office and loft building.
Owner—H. and W. Pierce, Inc.
Architect—Genl. B. McDougall, 381 Bush St., San Francisco.
Contractor—Anderson Co., Monadnock Bldg., San Francisco.

Plans Being Prepared.
STORE Cost, \$16,000
SAN JOSE, Santa Clara St. near 7th St.
Two-story brick store building.
Owner—Mr. Madsen.
Architect—Wolfe & Higgins, Anzerais Bldg., San Francisco.

Plans Being Prepared.
ALTERATIONS Cost, \$—
SAN FRANCISCO. NE Jackson and Stockton Streets.
Alter and add to store building.
Owner—Gundack Chan.
Architect—Ernest H. Hildebrand, 110 Sutter St., San Francisco.

Plans Being Prepared. Work to Be Held Over Till Spring.
ALTERATIONS Cost, \$25,000
VALLEJO, S Virginia and Mason Sts.
Alterations and additions of one-story to reinforced concrete office and store building.
Owner—Percy Bernheim.
Architect—C. E. Perry, Jr., 514 Main St., Vallejo.

Contract to Be Awarded This Week.
STORE Cost, \$25,000
BURLINGAME, San Mateo Co., Cal.
One-story reinforced concrete store, 60x100.

Owner—Wittheld.
Architect—Kuhn & Edwards, Commercial Bldg., San Francisco.

Contract Bids Under Advisement Contract Awarded Shortly.
ALTER STORE Cost, \$60,000
SAN FRANCISCO, Powell & Geary Sts.
Alter and add to interior of store and basements.
Owner—Golden Pheasant.
Architect—Alfred Henry Jacobs, 110 Sutter St.

Tele. System Contract Awarded.
TELEPHONE SYSTEM Cost, \$13,365
SAN FRANCISCO, SW Bush and Sansome.
Telephone system in twenty-two office building.
Owner—Standard Oil Co.
Architect—George W. Kelham, Sharon Building.
Contractor—Direct Line Telephone Co., 320 Market St.

Contract Awarded.
COMPLETE BLDG. Cost, \$5,000
SAN FRANCISCO. No. 55 Sutter St.
Completion of building.
Owner—Louis R. Loric.
Architect—O'Brien Bros., 240 Montgomery St., San Francisco.
Contractor—F. L. Hansen, 251 Kearny St., San Francisco.

(Continued on Page 30)

A. E. LeitchFred Clark

CLARK & LEITCH

ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

Official Proposals

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock p. m. on September 25, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Los Angeles and Orange Counties, between Long Beach and Huntington Beach (VII-1A-1022 and VII-1022-61), about seven and eight-tenths (7.8) miles in length, seven and eight-tenths (7.8) miles to be graded and six and five-tenths (5.5) miles to be paved with Portland cement concrete.

Plans may be seen and forms of proposals, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willis, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,

CHARLES A. WHITMORE,

GEO. C. MANFELD,

California Highway Commission

AUSTIN B. FLETCHER,

State Highway Engineer.

B. A. MURRAY, Secretary.

Dated August 28, 1922.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned on September 6th, 1922, for constructing portions of the State Highway System as follows:

(1) Bids received until and opened at 1:30 P. M. for grading, construction of culverts and placing a cement concrete surface in Lyon County between South City Limits and East City Limits of Vermont.

(2) Bids received until and opened at 2:30 P. M. for grading, construction of culverts and placing a cement concrete surface in Churchill County between West City Limits and East City Limits of Fallon.

Plans may be examined and form of Proposal, Contract and Specification secured at office of undersigned. May also be examined for Lyon County work at the County Clerk's office or the City Clerk's office in Virginia; for Churchill County work at the County Clerk's office or City Clerk's office in Fallon; may also be examined at the Division Engineer's office in Las Vegas, Reno, or Reno and District office of the Bureau of Public Roads, Mills Building, San Francisco, California. Cash deposit of fifteen dollars (\$15.00) with the undersigned required for copy of plans, which will be re-

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

funded on their return in good condition. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a State Company, duly authorized to do business in this State, stating that such Society Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specifications, conditions for the faithful performance of the provisions of the contract and specifications.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

SCHOOL BIDS WANTED

NOTICE TO CONTRACTORS

The Board of Trustees, Selma Union High School District hereby invite sealed bids for the furnishing of labor and materials and the erection and completion of a Masonry Science Hall according to plans and specifications of the District's architect, Norman F. Merrill.

Bids for the several sections of the work will be called for as follows:

General contract
Painting contract
Heating and ventilating contract
Electric contract
Program clock contract
Plumbing contract

Plans and specifications may be obtained from the architect, 211 Broadway Central Building, Los Angeles, California, or from Superintendent of Construction, new Reedley Joint Union High School, Reedley, California.

Bidders will be required to make a deposit of \$50.00 for plans and specifications, which will be refunded on return of plans accompanied with bond-fide bids.

All bids must be accompanied with a certified check or bid bond for five per cent (5%) of amount of bid made payable to Selma Union High School District as guarantee that if awarded the work, bidder will furnish good and sufficient Security Company Bond and enter into contract for execution of work as indicated by above.

All bids must be in the hands of C. W. Christensen, Clerk, at the High School, on or before 8 p. m., Monday, September 25th, 1922, and will be opened in public immediately thereafter.

All bids must be made on uniform bid blanks furnished by the architect. The Board of Trustees of the Selma Union High School District reserve the right to reject any or all bids.

Done by order of the Board of Trustees, Selma Union High School District, This the 21st day of August, 1922.

F. A. DODSON, President.

Attest:
C. W. CHRISTENSEN, Clerk.

BIDS WANTED FOR IRON AND BRONZE WORK FOR STATE BUILDINGS

NOTICE TO CONTRACTORS

SEALED BIDS will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to and including 16 o'clock A. M., Tuesday, October 3, 1922, said bids to be there to be publicly opened and read for furnishing all plant, materials and doing the work required for the complete ORNAMENTAL AND MISCELLANEOUS IRON AND BRONZE WORK, for the SACRAMENTO STATE BUILDINGS, i. e., the Library and Courts Building and the Office Building, Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for Ornamental and Miscellaneous Iron and Bronze Work and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond made payable to the State of California or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid must be enclosed with each bid.

A deposit of Twenty-Five (\$25.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and to waive any informality in any bid received.

The construction work of said Sacramento State Buildings has been placed on a days labor basis and on said basis the said Ornamental and Miscellaneous Iron and Bronze Work, as a sub-division of said construction, is to be let by contract.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope, "Proposal for Ornamental and Miscellaneous Iron and Bronze Work, Sacramento State Buildings, Sacramento, California." STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

GEO. B. McDOUGALL, State Architect.
A. B. FLETCHER, Director of Public Works.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned until 3 p. m., Sept. 6, 1922, for constructing portion of the

QUANTITY SURVEYOR

and Valuation Engineer
Buildings and Engineering Works

ARTHUR PRIDDLE

693 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-49-3

State Highway System in Washoe Co., between Reno and Purdy, work consisting of grading and placing asphalt macadam surface approximately 15.57 miles.

Plans may be examined and form of proposal, contract and specifications secured at office of undersigned; may also be examined at the County Clerk's office in Reno; may also be examined at the Division Engineers' office in Las Vegas, Elko or Reno; and District office of Bureau of Public Roads, Mills Building, San Francisco, California.

Cash deposit of Fifteen dollars (\$15) with the undersigned required for copy of plans, which will be refunded on the return of the plans. The return must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the contract and specifications.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
 Carson City, Nevada.

BIDS WANTED FOR WHARF REPAIRS
NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architects' Office, Washington, D. C., August 24, 1922.—SEALED PROPOSALS will be received at this office until September 2, 1922, at 8 o'clock, and then opened for repairs to wharf at the Columbia River Quarantine Station, Astoria, Oregon. Drawing and specifications may be obtained from the Custodian at the Station, or at this office in the discretion of the Supervising Architect, JAS. A. WETMORE, Acting Supervising Architect.

NOTICE TO CONTRACTORS
(Court House Roofing)

Sealed bids will be received up to 10 A. M., of September 18, 1922, by the Clerk of the Board of Supervisors, County of Kern, Bakersfield, California, for the furnishing of all labor and materials for the erection and completion of a new roof on the Kern County Court House, put on in accordance with the following specifications:

Thoroughly clean roof, cutting off any bumps or ridges of existing roof, hot coat with high melting point asphalt, 2 layers of 10 lb. asphalt. Saturated felt, or equal, over which imbed a layer of Medium Malthoid Roofing, Johns-Manville Three-ply Cap Sheet, or equal, all to be cemented together with hot asphalt as per manufacturer's specification. All necessary flashing to be Johns-Manville "Asbestos" or equal and the whole roof to be complete water-tight job, put on to the satisfaction of the inspector in charge.

Each bid must be accompanied by a maintenance guarantee from the Applicant, backed by the Manufacturers of the material used, for a period of ten years from date of completion. All bids to be accompanied by a certified check in the amount of at least ten (10%) per cent of the amount bid.

The Board of Supervisors reserves the right to reject any or all bids or to waive any informality in any bid received.

By order of the Board of Supervisors, County of Kern, August 21, 1922.

F. E. SMITH,
County Clerk and Ex-Officio Clerk of the Board of Supervisors.

NOTICE TO BIDDERS
(San Anselmo School Addition)

Sealed proposals will be received by the Clerk of the Board of School Trustees of San Anselmo School District up to and including September 11, 1922

at 8 o'clock p. m. when the said bids will be opened, for the Main School, according to the plans and specifications which are now to be seen at the residence of the clerk, Mrs. L. Jones.

All bids must be addressed to the Clerk of said Board at San Anselmo, Marin county, California, and each bid must be accompanied by a certified check on some reliable bank in a sum equal to at least ten (10%) per cent of the bid made payable to undersigned clerk of the said Board, and to be forfeited to the School District in case the party to whom the contract shall be awarded shall fail to execute within ten (10) days after the award of said contract. The check must be approved by the Board of Trustees and enter into a written contract with said Board in accordance with plans and specifications and the bids thereon.

All bids from contractors must be made out on blank forms furnished by J. W. Dolliver, Architect, 833 Monadnock Bldg., San Francisco, Cal. Separate copies of plans and specifications must be secured by bidders upon a deposit of Five (\$5) Dollars to insure the return of same.

The trustees reserve the right to reject any or all bids.
(Signed)

MRS. L. JONES,
Clerk of Board of Trustees,
San Anselmo School District.

NOTICE INVITING SEALED PROPOSALS FOR THE INSTALLATION OF A STEAM HEATING SYSTEM IN THE ADDITION TO THE RAVENSWOOD PUBLIC SCHOOL, SAN MATEO COUNTY, CALIFORNIA

NOTICE IS HEREBY GIVEN by the Board of Trustees of the Ravenswood School District, San Mateo County, California, that bids will be received by said Board for the installation of a Steam Heating System in the Addition to said Ravenswood Public School in said District.

Plans and Specifications may be obtained from the Clerk of the Board, Mr. L. H. Brown at 379 University Ave., Palo Alto, California, or from the Architect, Norman K. Coulter, 15 Kearny Street, San Francisco, California. A deposit of Ten Dollars (\$10.00) will be required for each set of plans.

All bids will be opened by the said Board of Trustees on the 5th day of September, 1922, at 8 o'clock, at the Ravenswood School, and all bids must be delivered to L. H. Brown, Clerk of said Board, before that hour, enclosed in sealed envelope and marked on the outside, "Bid for the Installation of a Steam Heating System in the Addition to the Ravenswood Public School, San Mateo County, California."

All bids must be accompanied by a certified check, cash or a certificate of deposit in the amount of ten per cent of the amount bid; checks or certificates of deposit to be made payable to the Board of Trustees and to be returned to the party to whom the contract is awarded upon a Contract with the said School District and giving such bonds as may be required by law or said Board.

The Board of Trustees reserves the right to reject any and all bids.

L. H. BROWN,
Clerk of the Board of Trustees of the Ravenswood School District, San Mateo County, California.

SCHOOL AUDITORIUM

NOTICE TO BIDDERS

RICHMOND, Contra Costa Co., Cal.—SEALED bids are hereby invited and will be received by the Board of Education of the City of Richmond and of Richmond School District of Contra Costa County, California, at its office in the Lincoln School, 235 Tenth St., Richmond, California, up to and including the hour of 8 o'clock p. m. of Thursday, September 14, 1922, at which time and place said bids will be opened, for the supplying of all materials and the construction of an Auditorium for the Los Altos Junior High School, to be erected on Block 36, City of Richmond, according to plans and specifications prepared by Mr. James T. Napheet, 906 Macdonald Ave.,

Richmond, California, authorized architect.

Separate bids will be received, at the same time and place, for the installation of a heating and ventilating system in said Auditorium according to plans and specifications prepared by Messrs. Leland & Haley, 58 Sutter St., San Francisco, California. Authorized engineers.

Separate bids will also be received, at the same time and place, for certain alterations to several heating plants, according to specifications prepared by Leland & Haley.

Each of said bids must be accompanied by cash equal to ten per cent (10%) of the amount bid, or by a certified check on some solvent bank, made payable to the order of W. T. Helms, Clerk, equal to ten per cent (10%) of the amount bid, which said amounts will be forfeited to said Board of Education should the successful bidders fail to enter into legal contract with said Board of Education within ten (10) days after the award of contract. Plans for the building may be obtained at the Architects' office and plans for the heating systems and for alterations to heating systems may be obtained either at the Architects' office or at the Heating Engineers' office.

The Board reserves the right to reject any or all bids.

J. O. FORD, President,
R. E. Slattery,
Myrtle A. Stiver,
BOARD OF EDUCATION OF RICHMOND SCHOOL DIST.

By W. T. Helms, Clerk,
Richmond, Cal.
August 16, 1922.

BIDS WANTED FOR REMODELING BARRACKS
NOTICE TO CONTRACTORS

Subject—Specification No. 4601, Remodeling Barracks Building No. 55, Navy Yard, (Marine Reservation), Mare Island, Calif.

The Bureau of Yards and Docks invites attention to the fact that it will open proposals in the near future, on the project mentioned above. The building is a two-story brick structure 500 feet by 26 feet with wings 41 feet by 18 feet and a one-story kitchen, about 32 by 71 feet. A 12-foot veranda extends across the front of the building on both floors. The first story height is 13 feet from finished floor to ceiling. The remodeling consists in general of the removal of partitions, and brick walls, removal of certain inlets and sills and installation of new inlets and sills, construction of new partitions, removal of wood floor, installation of new wood and concrete floors, repainting floors, installation of cement-mortar wainscots, new plastering, steel stairs to veranda, wood trim, screens, hardware and plumbing fixtures, with connections to existing sewer and water systems, electric lighting system and other incidental work. The work herein described applies to that part of the building which is south of the north side of the Sally port which includes the lavatory room over the Sally port.

Plans and Specifications No. 4601 may be obtained when available, by application to the Bureau of Yards and Docks, Navy Department, Washington, D. C., or to the Commandant, Navy Yard, Mare Island, Calif., accompanied by a Postal Money Order or check for \$6.00, payable to the chief of the Bureau of Yards and Docks, as security for the safe return of the Specifications.

NOTICE TO CONTRACTORS
CURRENT CREEK ROAD

SEALED PROPOSALS for constructing the above-named National Forest Project located within the Nevada National Forest, New County, state of Nevada, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 881 Mills Bldg., San Francisco, California, until 2 o'clock p. m. on the 12th of September, 1922, at which time and place will be publicly opened and read. The right is reserved to reject any and all bids, and none will be considered except those from contractors ascertaining

to be experienced and responsible. The project is located about 10 miles southwest of Ely and the length to be constructed is approximately 14.6 miles. The principal items of work are approximately as follows:

Clearing and grubbing, 771 Stations.
Excavation, rock, 3000 cu. yds.
Excavation, common, 15,000 cu. yds.
Cement Rubble Mc-murry, 256 cu. yds.
Class "B" concrete (Alternate for Cement Rubble Masonry) 260 cu. yds.
Corrugated Metal Pipe, 2500 lin. ft.
Timber Bridge, 1000 ft. in place, incl. 15 weather working days after said notice has been given.

The work embraced in this contract shall be started within 10 days after notice of signing of contract by the Secretary of Agriculture has been given the contractor by the District Engineer, and shall be completed within 15 weather working days after said notice has been given.

The contract form and the maps, plans, specifications and estimate of quantities, and examination of responsible contractors at the following addresses:

881 Mills Building, San Francisco, California.

After August 28, 1922, District Engineer, Bureau of Public Roads, 406 Col. Hudson Building, Ogden, Utah.

After August 28, 1922, at Engineer's Camp, Carrington, N. D. County.

After August 28, 1922, Nevada State Highway Commission, Carson City, Nevada.

After August 28, 1922, Care of Forest Supervisor, Ely, Nevada.

The Bureau of Public Roads will furnish Corrugated Metal Pipe for pipe culverts. The Bureau also has available for loan to contractors on a rental basis, equipment as listed in the specifications. Bidder will state in his bid the amount of equipment and material that he will use during construction and the minimum rental period. The estimated rentals will be deducted from the total of the construction items and award will be made on bid to best advantage to the Government.

Plans and specifications will be furnished contractors who contemplate bidding upon deposit of a certified check for \$10.00 payable to the Secretary of Agriculture of the United States. Check will be held, pending return of plans and specifications.

All proposals must be made in forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the Specifications above referred to.

August 24, 1922.

C. H. SWEETSER,
District Engineer.

NOTICE TO CONTRACTORS

(Warehouse and Office Building)

Notice is hereby given that sealed proposals for furnishing materials for the construction of an office building and warehouse will be received by the Board of Directors of the Paradise Irrigation District up to 10 o'clock A. M. on Wednesday, the 19th day of September, 1922, at its office at Paradise, Butte County, California.

Plans and specifications may be seen at the office of said Board.

At the time and place above specified the Board will open said bids and award the contract to the lowest responsible bidder.

Said bidder must give a bond with good and sufficient sureties for the faithful performance of contract.

The Board reserves the right to reject any or all bids.

Dated this 23rd day of August, 1922.
JAMES PEARSON,
President of the Board of Directors of the Paradise Irrigation District.

G. C. BILLE, Secretary.

BIDS WANTED FOR OFFICERS' AND EMPLOYEES' QUARTERS

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C. August 16, 1922.—SEALED PROPOSALS will be opened in this office at 3 P. M., September 27, 1922, for construction of Officers' and Employees' Quarters for the United States Vet-

erans' Hospital at Fort Bayard, N. M. Drawings and specifications may be obtained at this office in the discretion of the Supervising Architect. Proposals will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract, and who have established a record for expedition of contracts of similar character and magnitude. The fact that any concern obtains a set of the plans and specifications from any source whatever, and submits a bid shall not constitute a waiver of the foregoing stipulations. JAS. A. WETMORE, Acting Supervising Architect.

NOTICE TO CONTRACTORS

Sealed bids will be received by the Trustees of the Orestimba Union High School on or before the 16th day of September, 1922, at 2 o'clock p. m. at the High School, Newman, Stanislaus Co., California, for the construction of one-story brick workshop, according to drawings and specifications by Francis W. Reid, Architect, Concord, California.

Right is reserved to reject any or all bids. Certified check to amount of five per cent of amount of bid will be required.

For further information and plans apply to

SETH WADE,
Clerk of Board of Trustees,
Orestimba Union High School,
Newman, California.

NOTICE TO CONTRACTORS

BIDS WANTED FOR CONSTRUCTION OF BRICK DORMITORY

DEPARTMENT OF THE INTERIOR, Office of Indian Affairs, Washington, D. C., August 14, 1922.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for a brick dormitory, Chemawa, Oregon," and addressed to the "Commission of Indian Affairs, Washington, D. C." will be received at the Indian Office until 2 o'clock P. M., of September 12, 1922, for furnishing materials and labor for the construction of a brick dormitory, Salem Indian School, in strict accordance with the plans, specifications, and instructions to bidders, which may be examined at the office of the United States Indian Warehouses at San Francisco, Calif., and at the office of the Superintendent of the Salem Indian School, Chemawa, Oregon. For further information apply to the Superintendent of the Salem Indian School. CHAS. I. BURKE, Commissioner.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on September 18, 1922, at which time they will be opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Mendocino County, across Cold Creek at Station 349 (I-Men-15-A), a bridge forced concrete girder spans on reinforced concrete of three thirty-foot reinforced bents.

Mendocino County, across Cold Creek at Station 373 (I-Men-15-A), a bridge consisting of two thirty-foot reinforced concrete girder spans with the necessary bent, abutments and wingwalls.

Plans may be seen and forms of proposal bonds, contracts and specifications obtained at the State Highway office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the

division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" attached to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission.
AUSTIN B. FLETCHER,
State Highway Engineer.
R. A. MURRAY, Secretary.
Dated August 21, 1922.

BIDS WANTED FOR GENERAL WORK FOR STATE PRINTERY

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. E. McDougall, State Architect, Chief Division of Architecture, Form Building, Sacramento, California, up to and including 10 o'clock A. M., Monday, September 11, 1922, said bids then and there to be publicly opened and read for furnishing materials and labor and doing the work required for the complete GENERAL WORK for the STATE PRINTERY, SACRAMENTO, CALIFORNIA, in accordance with plans and specifications heretofore, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Form Building, Sacramento, California.

Such bids will be received for the General Work and must be submitted on forms prepared and furnished by said Division of Architecture. Cash, a bid bond made payable to the "State of California," or a certified check made payable to the State Engineer, Department of Public Works, in the sum of at least ten per centum (10%) of the amount of the bid must be enclosed with each bid.

A deposit of Twenty-five (\$25.00) Dollars will be required with plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the said Division of Architecture, Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

The construction work of said State Printery has been placed on a days labor basis and on said basis the said General Work, as a sub-division of said construction, is to be let by contract.

All bids must be addressed to Geo. E. McDougall, State Architect, Chief Division of Architecture, Form Building, Sacramento, California, and plainly marked on the envelope: "Proposal for General Work, State Printery, Sacramento, California, STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE."

GEO. E. McDOUGALL,
State Architect.
A. B. FLETCHER,
Director of Public Works

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C. August 16, 1922.—SEALED PROPOSALS will be opened in this office at 3 p. m., Oct. 2, 1922, for the construction of the United States Postoffice and Courthouse at Cordova, Alaska. Drawings and specifications may be obtained after August 21, 1922, from J. W. Roberts, Supervising Superintendent, 403 P. O. Bldg., San Francisco, Calif.; from the Custodian of the site at Cordova, Alaska; or at this office, in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

(Continued on Page 30)

Engineering News Section

BRIDGES, DAMS & HARBOR WORK

SACRAMENTO, Cal.—Until Oct. 16, 2 p. m., bids will be rec. by Harry W. Hall, county clerk, to const. steel and conc. bridge over Steamboat slough, near Paintersville. Separate bids made date to const. steel and conc. bridge over Sacramento river near Paintersville. Cert. check 10% payable to Chair. Board of Suprs. req. with each bid. Plans may be had from office of Chas. Detarding, county surv.

STOCKTON, San Joaquin Co., Cal.—City Eng. W. B. Hogan preparing spec. for rein. conc. bridge in center street over Mormon channel.

ANAHEIM, Cal.—Until 2 p. m., Sept. 2, bids will be rec. by Anaheim Union Water Co. to const. Pratt Dam No. 2 at canal intake, Santa Ana river. Company will furnish materials. Dam will be L-shaped, one section 216 feet long and the other 136 feet; 6x6-in. wire mesh will be welded on 60-lb. steel rails 30 ft. long used as piles. There will also be lumber and rip-rap work. Maps and plans may be obtained from Alvaro Pratt, 1335 Ogden Dr., Hollywood. Cost about \$15,000.

REDDING, Shasta Co., Cal.—County Supervisor will shortly ask bids to const. four bridges: conc. bridge over Dailen Creek on Cottonwood Gas Point road; conc. bridge over Fall river near Glenburn; wood bridge over Flat creek between Keswick and town of Mathewson; comb. wood and steel bridge over Cow creek at Bell school house. C. R. Wiegell, county surv.

LOS ANGELES, Cal.—Until 10 a. m., Sept. 29, bids will be rec. by Harbor Commission, 312 Byrne Bldg., for superstructure for Bader Ave., double leaf bascule bridge. Spec. No. 402. Bridge designed by Strauss Bascule Bridge Co., Chicago. Work will involve 2270 tons structural steel and 100 tons incidental steel. Guy W. Wade, Sec.

HAYWARD, Alameda Co., Cal.—Until Sept. 6 p. m., bids will be received by M. E. Hempleton, town clerk, to const. rein. conc. culverts in Jackson St. Jesse B. Holly, town eng.

OAKLAND, Cal.—American Dredging Co., 255 California Street, San Francisco, at \$0.1389 awarded cont. by U. S. Engineer Office to dredge in Oakland Harbor; approx. 1,100,000 cu. yds.

MARYSVILLE, Yuba Co., Cal.—Captain J. D. Hutchinson, Rio Vista, at approximately \$29,000 awarded contract by city council to improve Ellis Lake. Involving 135,000 cu. yds. earthwork.

ALBANY, Alameda Co., Cal.—Until Sept. 11, 8 p. m., bids will be received by city trustees to const. 2 conc. culverts, one 200-ft. long, 4x5 ft., 12-in. slides; 8-in. top and 6-in. bottom and another 50 ft. long, rein. conc. 12-in. slides; 8-in. top and 6-in. bottom. Spec. on file in office of clerk.

MODESTO, Stanislaus Co., Cal.—Co. Surveyor J. H. Hoskins completing spec. for bridge near Coppertown, on Redburg Creek, to have 3 20-ft. rein. conc. spans; bridge on Hughson road to have 3 16-ft. rein. conc. spans; also for 13 small rein. conc. bridges to be counted in various sections of the county.

PORTLAND, Ore.—Until Sept. 13, 10:30 a. m., bids will be received by Multnomah county commissioners to reconstruct Morrison bridge draw rest in Willamette river. Work consists of 39,560 lin. ft. dr. piling in place, 272,000 ft. B. M. lumber in place, etc. Plans may be had from Roadmaster's office, Courthouse, Portland, on deposit of \$10.

IRRIGATION PROJECTS

MERCED, Merced Co., Cal.—Following bids received by Merced Irrigation District, R. C. Starr, ch. eng., for improvements:

Const. metal flume on timber substructure with conc. footings: J. A. Bartlett, 357 12th St., Oakland, \$42,150; D. F. Jensen, Merced, \$43,680; G. H. Chick, Napa, \$43,478; P. L. Burr, San Francisco, \$45,800.
Const. tunnel (1) 1300 lin. ft. tunnel excavation; (2) timber lining, in place, per M. B. M., 512 Mission St., San Francisco (1) \$24; (2) \$55. Guy H. Chick, Napa, (1) \$26.85; (2) \$80.
Const. rein. conc. siphons, incl. spillway and check structures: P. L. Burr, 512 Mission St., San Francisco, \$24,700; Carlson Bros., Turlock, \$28,000; C. D. Graham, Merced, \$37,500.

All bids taken under advisement.

OROVILLE, Butte Co., Cal.—Geo. Pollock Co., Forum Bldg., Sacramento, at \$56,437 awarded cont. by Drainage District No. 200, Butte county, to construct drainage system. Other bidders were: Daniel Bayles, Biggs \$64,059
Ross Construction Co., Sac., 62,752
Hans & Doughty, S. F., 61,444
Ajax Dredging Co., S. F., 58,049
Wm. W. Green, Biggs, Cal., eng. for district.

LIGHTING SYSTEMS

DINUBA, Tulare Co., Cal.—As previously reported, bids will be received by C. T. Reagan, city clerk, to const. electrolier system. This project involves 58,000 ft. 1½ Greenfield Duct Conduit; 58,000 ft. No. 8 Duplex lead covered cable; 354 union metal standards electroliers; 394 No. 4 Nexasia tops (form No. 12); 270 40-watt candlepower and 120 250-watt candlepower Mazda lamps; 394 risers in lamp columns; 6 open air conduit adaptors. C. E. Sloan, Santa Fe Bldg., San Francisco, eng.

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MONROVIA, Cal.—Petitions have been filed for ornam. lights on White Oak Ave. 1½ mi. and on Orange St. 1¼ mi. H. S. Gierlich, city engr.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Until Sept. 8, 7:30 p. m., bids will be received by Daniel McKeown, city clerk, to install electroliers in several streets; 62 standards in all. G. O. Knoese, city eng.

MACHINERY

SAN BERNARDINO, Cal.—Bids for deep well turbine pump were received by City Council as follows: Western Well Works, \$1182.70 and \$1062.70; Johnson, \$1300; Lyne-Bowler, \$1250 and \$1223; Kimball, \$1498; Byron Jackson, pump and motor, \$3327.75; American Pump Co., \$2376. Taken under advisement.

PRESOTT, Ariz.—Fratt-Gilbert Co., Phoenix, awarded contract by the City Council at \$94.17 for cast iron fittings. Contract for cast iron pipe was awarded to Commercial at \$6053.03. Other contracts awarded were as follows: Crane & Co., at \$22.02 for six Kennedy hydrants, at \$208.19 for 13 valves, at \$545.50 for 627 lbs. lead at 100 lbs. jute, and at \$600 for galv. iron pipe and fittings. Mueller Co., at \$678 for brass goods, at \$110 for gas turner for joints.

OAKLAND, Cal.—City Council, E. K. Sturges, clerk, appropriates \$2500 to purchase 100 lengths of 14-in. shore pipe.

RAILROADS

SAN FRANCISCO—City Engineer M. M. O'Shaughnessy recommends bond issue for \$1,500,000 to finance extensions to Municipal Railway system. Proposed to hold election Nov. 21, with question of voting bonds of \$2,000,000 for relief home and \$12,000,000 for school buildings will be submitted.

SAN FRANCISCO.—Announcement is made by F. L. Burchhalter, assistant general manager, Southern Pacific Co., of \$29,000,000 construction and development plan. Funds have been appropriated for following improvements: New rails, ties and ballast, \$11,300,000; locomotives, \$1,500,000; new rolling stock, \$12,500,000; new plant facilities, \$700,000; improvement along Sierra Nevada mountains, \$250,000; across the Tehachapi, \$1,000,000; and \$1,800,000 for enlarging tunnels. During the course of the improvements 200 miles of track will be relaid with 99-pound rails, more than two million and a half new cross ties will be installed and 800,000 cubic yards of crushed rock and slag will be put in for track ballast. A double track will be put in on the Tehachapi Pass, and new electric turntables will be constructed at Siskiyou and San Luis Obispo.

FIRE EQUIPMENT

TUCSON, Ariz.—R. D. Whitacre, city electrician, has completed plans for the \$20,000 fire alarm system to be installed by city. Twenty-four new boxes will be installed. Bids will be received for three new fire trucks, including two pumping engines and a 75-ft. aerial ladder.

Architects—Engineers— City and County Officials

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SEWERS, STREET WORK, ROADS & WATER SYSTEMS

CARSON CITY, Nevada.—Following contracts awarded by State Highway Commission, G. E. Borden, ch. eng.:

Dodge Bros. and Budley, Fallon, Nevada, at \$22,963, for Grimes, Salt Wells, Churchill county; King and Malone, Reno, bid \$11,028 and Strahan and Bishop, Lovelock, \$43,986.

Boyd Bros., Halleck, Nevada, at \$32,099, from West county line to Bath Mountain in Elko county; Kraft and Bundy, Lah, bid \$42,458.

Baker Bros., 2111 O'Farrell St., San Francisco, at \$59,490, from Reno to Lawtons, in Washoe county; C. Miles, Sacramento, Cal., bid \$49,952.

Baker Bros., 2111 O'Farrell St., San Francisco, at \$30,782, in Washoe county from 2 miles north of Reno to 3 1/2 miles north of Reno. Other bidders: Alston and Hoan, Salt Lake City, Utah, \$35,998; Blumenkranz and Vernon, Stockton, Cal., \$36,535; Grant Smith Co., San Francisco, \$40,058.

FRESNO, Fresno Co., Cal.—Until September 5, bids will be received by R. V. St. George, city clerk, to improve Hayes Ave., between Belmont and Hedges Sts., involving 131,631 sq. ft. grading; 119,823 sq. ft. asphalt pavement; 11,356 sq. ft. conc. gutter; 347 lin. ft. curb; 287 lin. ft. 12-in. and 196 lin. ft. 18-in. culvert; 12 manholes; 22 lin. ft. 4-in. vit. clay pipe sewer. 1911 Act. Wm. Stranahan, city eng.

Separate bids, same date, to Imp. M. St. and Butler Ave., between Stanislaus and Sts. involv. \$22,910 sq. ft. grading 700,200 sq. ft. asphalt pavement; 21,785 sq. ft. conc. gutter; 11,968 lin. ft. conc. curb; 515 lin. ft. 12-in. and 104 lin. ft. 18-in. culvert; 12 manholes and 543 sq. ft. walks. 1911 Act. Wm. Stranahan, city eng.

SAN ANSELMO, Marin Co., Cal.—Until Sept. 8, p. m., bids will be received by E. E. Manning, sec. Sanitary District No. 1, Marin County, 303 Mutual Bank Bldg., San Francisco, to constr. sewage treatment tanks, pump house, chlorination house, sludge beds and other sewer line to Corte Madera slough.

Separate bids for fur. and install. automatic control chlorinator with capacity of 75 lbs. of chlorine per 24 hours. Separate bids for fur. and install. pumps, motors, switches and control apparatus, electric wiring and lights for sewage pumping plant.

Specifications may be had from C. C. Kennedy, eng., 104 E. Bldg., San Francisco on deposit of \$5.

PORTLAND, Ore., J. F. Shea, Portland, at \$593,110, submits low bid to City Council to const. Lents trunk sewer; engineer's estimate, \$701,490. Bids received as follows:

With Progress Payments
J. F. Shea, monolithic.....\$693,110.10
Jacobsen-Jensen Co., mono-lithic.....698,450.16
Miracle Concrete Corporation, monolithic.....719,333.10

Without Progress Payments
J. F. Shea, monolithic.....723,620.40
Jacobsen-Jensen Co., mono-lithic.....726,189.60
Miracle Concrete Corporation, monolithic.....759,872.30

Sections A and C—
With Progress Payments
J. F. Shea, monolithic.....\$709,332.50
Jacobsen-Jensen Co., mono-lithic.....724,698.32

Without Progress Payments
J. F. Shea, monolithic.....739,307.88
Jacobsen-Jensen Co., mono-lithic.....749,988.30

BAKERSFIELD, Kern Co., Cal.—City Council adopts spec. to pave Kern St. in dist. 456 and Oregon St. in dist. 457 with 1 1/2-in. conc. base and 1 1/2-in. Warrentite top.

SAN MATEO, San Mateo Co., Cal.—Until Sept. 5, p. m., bids will be rec. by W. E. Foster, city clerk, to grade and pave with asphalt road, portions of El Camino Real. Cert. Check 10% payable to city required.

PORTLAND, Ore.—Beasley and Ehle, engineers, 606 Railway Ex. Bldg., will receive bids until Sept. 5 to const. water system for Capitol Highway Water District in Multnomah county; will consist of reservoir, pump and laying of pipe from 2 to 8-in. Alternately, bids will be taken for iron and wood pipe; est. cost \$55,000.

CARSON CITY, Nevada.—Until Sept. 6, 3 p. m., bids will be received by State Highway Commission to const. 10 miles of state highway in Washoe county, between Reno and Purdy; grading and placing asphalt macad. surface approx. 15.57 miles. Geo. W. Borden, state highway eng. See call for bids under official proposal section in this issue.

SAN FRANCISCO.—Until Sept. 12, p. m., bids will be received by District Engineer, Bureau of Public Road, 881 Mills Bldg., to const. Garretts Creek road in Nevada National Forest, Nye county, Nevada, involv. 771 stations clearing and grubbing; 3000 cu. yds. rock excavation; 15,000 cu. yds. common excavation; 260 cu. yards conc. rubble masonry; 260 cu. yds. Class "B" concrete (alternate for Cement Rubble Masonry); 2500 lin. ft. corr. metal pipe; 5 1/4 M. E. M. trestle bridge material in place, incl. br. iron, 10,000 lbs. ft. narrow ditch; C. H. Sweetser, District Eng., 881 Mills Bldg., San Francisco. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—C. W. Shafer, 1614 Temple St., awarded contr. by Board of Public Works, \$35,457.23, to pave Lake Shore Ave., between Morand Ave. and Eiffel St., and portions of other streets, involving \$28,750 sq. ft. concr. paving, including grading at 45c ft.; 103,380.85 sq. ft. rough grading to grade; 76 ft. 103,380.85 sq. ft. finish grading, oiling and rolling at 7c ft.; 7364.30 sq. ft. curb at 77c ft.; 30,425.19 sq. ft. walk at 24c ft.; 16,505.50 sq. ft. concr. gutter at 35c ft.; 1412 ft. conc. sewers at \$1.50 ft. Engr's est., \$32,495. Other bids were: Geo. J. Boek \$35,551.99; W. D. McCray, \$35,655.06; E. Shafer, \$36,342.52; Geo. H. Oswald, \$37,241.88.

SAN LUIS OBISPO, Cal.—Until 2 p. m., Sept. 5, bids will be received by supervisors for resurfacing 6 miles on San Luis Obispo-Cambria road.

STOCKTON, San Joaquin Co., Cal.—Clark and Henry Const. Co., 38 S. Center St., Stockton, at \$15,292, awarded contr. by council to imp. south half of North St., bet. Madison and Harrison by grading; const. conc. curbs and gutters; conc. walks; 2 1/2-in. cementing gravel base with 3-in. conc. base, 1 1/2-in. surface pavement.

INGLEWOOD, Cal.—Until 8 a. m., Sept. 11, bids will be received by city trustees to const. storm drain in Manor Dr. and other streets; 60-in. reinf. concrete pipe line, conc. lined open ditch; conc. apron or spillway; reinf. conc. inlet and headwalls; 42-in. met. pipe; 1911 Act. Arthur Cory, city eng.

YUMA, Ariz.—Until Sept. 11, bids will be received by Yuma county highway commission for grading and surfacing approx. 10 miles in Yuma county between Wellton and Aztec. The road to be surfaced and graded. The work will be divided into five sections upon which bids will be received separately if contractors desire. Thomas Maddock, state engr.

TUCSON, Ariz.—Bids will be asked soon by co. supervisors for paving W. Congress St. between Santa Cruz River Bridge and Mission road, about 1 1/2 mile. Bids will be taken of four types of pavement: 3 1/2-in. asphalt. conc. base and 1 1/2-in. asphalt. conc. surface; 3 1/2-in. bitum. base and 1 1/2-in. Warrentite top; 2 1/2-in. bitum. base and 1 1/2-in. Willite top; 2 1/2-in. bitum. base and 1 1/2-in. Willite top. W. C. Lefebvre, county engr.

INGLEWOOD, Cal.—A bond issue of \$217,500 for water development will be submitted in October; \$152,000 for new wells, pumping equipment, pressure mains, distribution mains and 500 ft. hydrant; \$55,000 for acquiring 55 acres where pumping stations are now located and fencing same; \$7500 for 2 1/2 acres additional land.

LOS ANGELES.—Until 11 a. m., Sept. 11, bids will be rec. by county supervisors for grading and oiling roadway and const. curb, gutters and sidewalks streets in Road Imp. Dist. No. 321 (Hickory St. from Manchester Ave. to 83rd St.); 1025 lin. ft. approx. quantities, 908 cu. yds. excav.; 3467 sq. yds. shaping roadbed; 31,952 sq. ft. oiling and grading; 2656 macad. curb, 728x14-in. 8158 sq. ft. 3 1/2-in. sidewalk; 151 sq. ft. 5-in. concr. gutter. Materials required: 259 bbls. cem., 108 tons sand, 161 tons gravel, 60 lbs lamp black, 164 pieces expansion joint.

Until 11 a. m., Sept. 18, bids will be rec. to imp. Main St. (Harbor Blvd.) in Road Dist. No. 4 (L. A. City boundary to 104th St.), 5000 lin. ft. approx quantities, 1500 cu. yds. excav.; 1100 sq. yds. shaping roadbed; 1 reinf. conc. culvert; 11,413 sq. yds. 6-in. concr. pavement; 1600 tons disint. granite base; 82 sq. curb; 600 ft. sidewalk 3 1/2-in. thick; 1365 sq. ft. 6-in. concr. gutter; 180 sq. yds. placing 2656 macad. curb. County furnishes 4191 bbls. cem. and 1890 tons disint. granite.

Until 11 a. m., Sept. 11, bids will be received by county supervisors to construct concrete pavement, disint. gran. base and shoulders, curb, sidewalks, gutters and culverts on certain streets in Road Imp. Dist. No. 158 (South Park Ave. from Manchester to Leffon Ave.); 23,611 lin. ft. approx quantities, 97,971 cu. yds. excav.; 59,556 sq. yds. shaping road bed; 40,153 sq. yds. disint. gran. base; 59,856 sq. yds. concr. pavement 6-in. to 8-in. thick; 36 ft. 30-in., 180 ft. 24-in. and 18 ft. 18-in. reinf. iron pipe; 132 ft. 15-in. corr. iron pipe; 5 culverts; 30 cu. yds. concr. in headwalls. Materials to be furnished by county: 11,900 tons disint. gran. and 30,000 bbls. cem.; mat. furnished by contr., 709 bbls. cem., 13,801 tons gravel, 7481 tons sand, 28,197 lbs. steel, 63 M. B. M. ft. 2x8-in. lumber, 325 bbls. No. 70 oil and 18 manhole covers. Est. contr. price, \$187,974.20.

Until 11 a. m., Sept. 11, bids will be rec. to grade and oil and const. curb, sidewalks and gutters on certain streets in Road Imp. Dist. No. 207 (Greenfield Ave. from Heron Ave. to side Comp. Ave. and Willbrook St.); 7082 lin. ft. approx quantities, 12,100 cu. yds. excav.; 23,792 sq. yds. shaping roadway; 11,075.6 lin. ft. 6x10x18-in. curb; 44,344.6 sq. ft. 3 1/2-in. sidewalk; 244 sq. ft. 5-in. concr. gutter; 23,765 sq. yds. oiling and grading roadway. Materials required: 1605 bbls. cem., 679 tons sand, 1632 tons gravel, 343 lbs. lamp black, 710 pieces expansion joint. Est. contr. price, \$29,698.96.

ENG. 21
MODESTO, Stanislaus Co., Cal.—City Eng. Geo. Freitas completes spec. to resurface streets with 1 1/2-in. Warrentite pavement:

H St., 9th to 11th, involv. 36,751 sq. ft. repaving and 230 sq. ft. gutter repairs.

I St., 9th to 12th; involv. 68,441 sq. ft. street repaving; 280 sq. ft. gutter repairs.

10th St., between L and K, 11th bet. K and J, 12th bet. K and J and 12th bet. J and H Sts., involv. 108,804 sq. ft. street repaving.

K St., bet. 9th and 15th, involv. 56,400 sq. ft. street repaving; 480 sq. ft. gutter repairs.

Bids will be asked about Sept. 15.

GLENDALE, Cal.—Napier & Simpson, San Fernando, submit low bid to city council at \$21,579.66 for improving Pacific Ave., involving 3429 lin. ft. grading at 35c ft.; 153,383 sq. ft. 5-in. oil macadam at 11 1/4c ft. and 13,500 sq. ft. cement gutter at 2 1/2c ft.

LOS ANGELES, Cal.—Independent Paving Co. (Graham Bros. & Bruce), 321 E. Fourth St., Long Beach, awarded contract by supervisors at \$65,276.65 for grading and paving with conc. and asphalt in Anaheim-Spadra (Brea Canyon) Rd. in First road dist.

FRESNO, Fresno Co., Cal.—City Engineer Wm. Stranahan completes spec. to improve alley in Block 103, involv. 7000 sq. ft. grading; 7000 sq. ft. conc. pavement.

Spec. completed to imp. Mono St., between Van Ness and P Sts., involv. 91,759 sq. ft. grading; 58,875 sq. ft. asphalt pavement; 5645 sq. ft. conc. gutter; 3589 lin. ft. conc. curb; 129 lin. ft. 12-in. corr. iron culvert; 2 manholes.

DIXUBA, Tulare Co., Cal.—City Trustees, C. T. Reagan, clerk, declare intention to improve Alta Ave. and North Villa Ave., from north city limits to El Monte Way, by grading, paving with Warrentite-Bit. surface on hyd. conc. base; corr. metal culverts; concrete curbs (Imp. Dist. No. 15), 1911 Act and Bond Act 1915, Protests Sept. 13, C. D. Sloan, city eng.

CARSON CITY, Nevada—State Highway Commission rejects bid of Blumenkrantz and Vernon, Stockton, Cal., at \$13,172 to const. highway in Washoe county between Reno and Purdy and new bids will be asked. Geo. W. Borden, state highway eng.

MODESTO, Stanislaus Co., Cal.—Standard Paving Co., 1111 1/2 St., Modesto, awarded cont. by council to imp. portions of Commercial Way, involv. \$240 sq. ft. grading \$98 sq. ft.; 8240 sq. ft. 12-in. asphalt conc. base with 1 1/2-in. Warrentite surface pavement, \$255 sq. ft.

SANTA MONICA, Cal.—Kneen Paving Co., Dudley Bldg., Santa Monica, submitted low bid to city council at \$33,351.53 for improving Third St., between Santa Monica Blvd. and Montana Ave., involv. 156,860 sq. ft. grading at 1 1/2 in. to const. highway in Washoe county between Reno and Purdy and new bids will be asked. Geo. W. Borden, state highway eng.

Braun, Bryant & Austin, \$42,177.19; Harry V. Gentry, \$44,794.06.

FULLERTON, Cal.—City Trustees adopt resolution declaring willingness of city to join with Santa Ana and Anaheim in constructing joint outfall sewer to ocean and treatment plant. A 12-in. main will be laid by Fullerton to the low treatment plant and the city will pay 50 per cent. of cost of joint works. Cost to Fullerton about \$260,000. Ben E. Dupuy, City Engineer.

LOS ANGELES, Cal.—Until 3 p. m. Sept. 5, bids will be rec. by board of public service, 297 S. Broadway, for approx. 16,000 sq. ft. paving at Harbor Blvd. and Front St., San Pedro; blueprint No. A 316 on file at room 602, 267 S. Broadway. Bids will be taken on 3 types of pavement—2-in. Warrentite on 1-in. bitum. base; Wilbite, and cem. conc. base with 2-in. asphalt surface. Jas. P. Vroman, secy.

SAN BERNARDINO, Cal.—Sherrer & Crowley, Pacific Electric Bldg., Los Angeles, have contr. to const. winter road, 7.8 miles in length, from Bismarck on the desert for Arrowhead Lake Co. Route is on a hogback on northern slope of mountains with maximum 8% grade. Cost about \$25,000.

MONTREY PARK, Cal.—Until 8 p. m. Sept. 11, bids will be received by trustees of Monterey Park for complete installation of water distributing system and appurtenances; also for hauling 112 1/2 tons of pipe from dock at Los Angeles Harbor to ditchside in Monterey Park Olmsted & Gillette, Hollingsworth Bldg., Los Angeles, engineers.

CALIFORNIA—Until Sept. 25, 2 p. m. bids will be received by State Highway Commission, Forum Bldg., Sacramento, for work in Los Angeles and Orange counties, bet. Long Beach and Huntington Beach, 7.8 miles in length, to be graded and 6.5 miles to be paved with Port. cem. conc. A. B. Fletcher, state highway eng. See call for bids under official proposal section in this issue.

LINDSAY, Tulare Co., Cal.—Bids are being rec. by E. V. Bogart, city clerk, to be opened on or about September 26 to pave several streets, involving 6,600 cu. yds. grading; 425,000 sq. ft. 2 1/2 in. asphalt conc. base with 1 1/2-in. Warrentite-Bit. pavement; 41,000 sq. ft. concrete gutters; 5,110 lin. ft. conc. curbs; 943 lin. ft. corr. iron and conc. culverts; 575 sq. ft. conc. walks. H. D. Watts, city engineer.

MARYSVILLE, Yuba Co., Cal.—Warrenville Co., 2779 Poplar St., Oakland, awarded cont. by council to pave street intersections, involv. approx. 266,567 sq. ft. grading in bit. base with 1 1/2 inch Warrentite surface.

LOS ANGELES, Cal.—Geo. R. Curtis, 2340 E. 26th St., submitted low bid to board of public works at \$30,330 to pave Victoria Ave., between Tenth St. and Country Club Dr., and in portions of other streets, involving 71,289 sq. ft. grading to finish subgrade at 4 in. ft.; 61,289 sq. ft. asphalt paving at 2 1/2 in. ft.; 2632 sq. ft. finish grading, oiling and rolling at 7 in. ft.; 98.51 ft. cem. curb at 70 in. ft.; 125.7 sq. ft. cem. walk at 25 in. ft.; 479.8 sq. ft. conc. gutter at 28 in. ft. house sewers at \$1.75 ft.

SANTA CRUZ, Santa Cruz Co., Cal.—City Eng. James K. James preparing spec. to imp. Cleveland Ave., bet. Elgin St. and Van Ness Ave.

LOS ANGELES, Cal.—Belmont Shore Co. submitted low bid to county supervisors, \$116,800, to improve Corona Ave. and other streets near Alamitos Bay, 1,536 lin. ft. (C. D. No. 227), J. G. Beckford bid \$124,500. The work involves 11,516 cu. yds. excav.; 31,556 sq. yds. shaping roadbed; 16,745 ft. conc. curb; 34,558 sq. ft. conc. walk; 116 lin. ft. 42-in. storm drain; 372 ft. 12-in. storm drain; 302 1/2 ft. 12-in. storm drain; 19 catch basins, 3 manholes for storm drains, one junction chamber, 7690 lin. ft. 8-in. sanitary sewer; 345 ft. 10-in. sanitary sewer; 16 manholes for sanitary sewer, 16 junction chambers for sanitary sewer, 3 flush tanks for sanitary sewer, 17 lampholes for sanitary sewer, 31,560 sq. yds. conc. pavement.

CARSON CITY, Nevada—Until September 13, 1:30 p. m., bids will be received by State Highway Commission for high way projects as follows: (1) Grading, const. culverts and placing cement conc. surface in Lyon county between south city limits and east city limits of Yerington.

(2) Grading, const. culverts, placing cement conc. wearing surface on Churchill county between west city limits and east city limits of Fallon.

See call for bids under official proposal section in this issue.

OAKLAND, Cal.—Until Sept. 7, 12 m., bids will be received by E. K. Sturges, city clerk, to improve portion of 64th Ave., involv. 27,626 sq. ft. grading; 1065 lin. ft. conc. curb; 2210 sq. ft. conc. gutter; 14,272 sq. ft. oil macadam; 55525 sq. ft. cem. walks.

Separate bids, same date, to imp. portion of Main St., involv. 20,222 sq. ft. grading; 2930 lin. ft. conc. curb; 8161 sq. ft. cem. gutter; 10,447 sq. ft. oil macadam pavement; 1044 sq. ft. concrete walks; 32 lin. ft. 3x2ft. 6-in. concrete culvert; 2 c. i. inlets; 133 cu. ft. conc. and walls. W. W. Harmon, city eng.

VENICE, Cal.—General improvements totaling over \$1,500,000, including an extensive street improvement program, has been outlined by city trustees. The street work proposed comprises: opening of Trolleyway from Marine St. to Mildred Ave., and extending of Trolleyway to Playa Del Rey; opening of Windward Ave. to connect with Rialto Blvd.; thence directly toward Los Angeles; Venice Blvd. to be paved as another direct route to Los Angeles; improving and opening of Leona Ave.; Westward Ave. to be straightened, and improvement of Second Ave., Electric, Brooks, Mildred Ave., all to be opened and extended. The sands west of the Ocean Front are to be made into a city park, walks, roads, playgrounds, comfort stations, and lighting standards. The installation of a modern fire alarm system will be part of the work.

LOS ANGELES, Cal.—County Supervisors declare intention to improve Wright Rd., bet. Florence Ave. and Patata St., 5490 ft. or 1.04 miles, involv. 1574 cu. yds. excav.; 4818 sq. yds. shaping 4-ft. strip between existing pavement and curb; 10,670 lin. ft. conc. curb; 43,136 sq. ft. conc. walk; 1 catch basin. Materials, f. o. b., job require: 1340 bbls. cem., 563 tons sand, 862 tons gravel, 319 lbs. lamp black, 340 pss. expansion joints, 63x11 in., 360 lbs. expansion joints, 3 1/2-in. dia. 89 lbs. steel, one conc. manhole cover. Est. contr. price, \$14,763.

BERKELEY, Alameda Co., Cal.—City Council withdraws call for bids to construct sewer in Woolsey St., and new proceedings will be started. C. L. Huggins, city eng.

SAN FRANCISCO—Jas. M. Smith, 407 11th St., at \$364 submits low bid to Bd. of Pub. Works to imp. 42nd Ave., bet. Balboa and Cabrillo Sts., involv. 1290 lin. ft. conc. curb and 24,000 sq. ft. asphalt conc. pavement, Frank J. McHugh bid \$7992.

Jas. M. Smith low bidder to imp. Vernon St., bet. Holloway and Garfield Sts., involv. 1455 lin. ft. conc. curb; 7500 sq. ft. conc. pavement A. J. Raichsch bid \$7545.

Jas. M. Smith low bidder to imp. Pomona Ave., bet. Bay View and Thornton Aves., involv. 2529 cu. yds. cut; 1200 lin. ft. conc. curb; 6600 sq. ft. asphalt conc. pavement and 11,400 sq. ft. conc. pavement, A. J. Raichsch bid \$7605.

BERKELEY, Alameda Co., Cal.—City Council appropriates \$16,000 to const. conc. sewer in Woolsey St., across Telegraph Ave., and a pipe sewer in Telegraph Ave., from Woolsey to Stuart St. C. L. Huggins, city eng.

MERCED, Merced Co., Cal.—Valley Paving & Const. Co., Visalia, awarded contracts by city trustees to improve streets and public works. The work involves 3 1/2-in. asphalt conc. base with 1 1/2-in. Warrentite surface.

13th, 14th and 15th sts., 19,712 sq. ft. grading, 8,055; 197,712 sq. ft. paving \$249; 5862 sq. ft. conc. curb, \$80; 1300 ft. special designed curb, \$75; 930 ft. c. i. & conc. main culverts, \$7,96; 120 ft. branch c. i. & conc. culverts, \$4,80. 22nd St., P. & R. Sts., 49,261 sq. ft. grading, \$64; 4,261 sq. ft. pavement, \$219; 1828 lin. ft. conc. curb, \$80; 320 ft. main c. i. & conc. culvert, \$7,36; 48 ft. branch c. i. & conc. culvert, \$4,80. 21st St., P. & R. Sts., same prices as in 22nd St., P. & R. Sts., plus \$4,650 sq. ft. grading, 21,630 sq. ft. paving at 2 1/2 in. c. i. & conc. culvert, 160 ft. main and 24 ft. branch c. i. & conc. culvert.

Alleys in Blocks 84 and 112, involv. 15,732 sq. ft. grading, \$64; 15,732 sq. ft. 2 1/2-in. asphalt conc. pavement with 1 1/2-in. Warrentite surface, \$20; 1600 ft. wood curb, \$20. C. D. Martin, city eng.

MONTREY, Monterey Co., Cal.—Until September 12, 3 p. m., bids will be received by Jas. McIntosh, clerk, Monterey Union High School District to construct bituminous concrete wearing surface and asphalt macadam wearing surface upon macadam roadways in Monterey high school district grounds; approx. 8,000 sq. ft. Plans may be had from clerk.

ARCATA, Humboldt Co., Cal.—Chambers and DeGolyer, Bacon Bldg., Oakland, at \$22,139 awarded contract by city trustees to construct two sewers; one involving 3,000 lin. ft. 6-in. vit. sewer with necessary wye branches; 5 manholes; 3 lampholes and another involving 3,225 lin. ft. 24-in. and 380 lin. ft. 18-in. vit. pipe; 6 manholes; 3 lampholes and 250 yds. ditch extension. 3-in. asphalt roadway Eureka, submitted only other bid at approx. \$25,000.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 11, 5 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. 10th St., bet. Santa Clara and Julian Sts., by regading, paving with 1 1/2-in. asphalt conc. surface, 3-in. asphalt conc. roadway on 3-in. asphalt conc. base; 3 br. catchbasins; 8-in. sewer connections. Wm. Popp, city eng.

EL CERRITO, Contra Costa Co., Cal.—Hutchinson Co., 1706 Broadway, Oakland, at \$9,432 submits only bid to city trustees to pave Clayton street, with all macadam.

CLOVERDALE, Sonoma Co., Cal.—Until Sept. 5, bids will be received by R. Y. St. George, city clerk, to improve Parris Ave., bet. Hedges and Belmont Aves., involv. 131,531 sq. ft. grading; 119,823 sq. ft. asphalt pavement; 11,336 sq. ft. conc. gutter; 517 lin. ft. conc. curb; 287 lin. ft. 12-in. and 196 lin. ft. 18-in. culvert; 12 manholes; 22 lin. ft. 1-in. vit. city pipe sewer.

FRESNO, Fresno Co., Cal.—Until Sept. 7, 3:30 p. m., bids will be received by R. Y. St. George, city clerk, to improve Parris Ave., bet. Hedges and Belmont Aves., involv. 131,531 sq. ft. grading; 119,823 sq. ft. asphalt pavement; 11,336 sq. ft. conc. gutter; 517 lin. ft. conc. curb; 287 lin. ft. 12-in. and 196 lin. ft. 18-in. culvert; 12 manholes; 22 lin. ft. 1-in. vit. city pipe sewer.

Separate bids, same date, to improve M and Butler Sts., bet. O and Stanislaus Sts., involv. 322,910 sq. ft. grading; 300,200 sq. ft. asphalt paving; 21,787 sq. ft. conc. gutter; 11,668 lin. ft. conc. curb; 515 lin. ft. 12-in. and 304 lin. ft. 18-in. corr. iron culvert; 12 manholes; 5418 sq. ft. cement walks, Wm. Stranahan, city eng.

FRESNO, Fresno Co., Cal.—City Eng. Wm. Stranahan completes spec. to imp. Mono St. bet. Van Ness and P Sts., involv. 91,759 sq. ft. grading; 55,879 sq. ft. asphalt pavement; 5645 sq. ft. conc. gutter; 3339 lin. ft. conc. curb; 129 lin. ft. 12-in. corr. iron culv.; 2 manholes.

Spec. completed to imp. alley in Blk. 7000, involv. 7000 sq. ft. grading and 7000 sq. ft. conc. pavement.

BAKERSFIELD, Kern Co., Cal.—Bid of Federal Const. Co., Cal. Bldg., San Francisco, at approx. \$40,751 to imp. Oak St., involv. 172,800 sq. ft. grading and 129,600 sq. ft. 4-in. asphalt conc. base with 1½-in. Toketa wearing surface, rejected by city council and new bids will be asked for a 4-in. conc. base with 1½-in. Warrenite surface, W. D. Clark, city eng.

BERKELEY, Alameda Co., Cal.—Until Sept. 12, 10 a. m., bids will be received by E. H. Hann, city clerk, to construct conc. wall 7-ft. high in Arlington Ave., at Santa Barbara road and five conc. steps. Work under 1911 Act. C. L. Huglins, city eng.

HEALDSBURG, Sonoma Co., Cal.—Until Sept. 5, 3:30 p. m., bids will be received by L. W. Hillhouse, city clerk, for fur. and del. 4000 lin. ft. 6-in. sewer pipe. Spec. on file in office of clerk.

CARSON CITY, Nevada.—Following are approx. quantities of materials required in projects for which State

Highway Commission will consider bids Sept. 13:

1.43 miles in Lyon county, from south city limits to east city limits of Yerington; 8330 cu. yds. unclassified excav., 9373 yds. sta. overhaul, 1133 miles prepare subgrade and shoulders, 15,061 sq. yds. cement conc. pavement, 5 cu. yds. Class "B" conc., 32 lin. ft. 18-in. corr. metal pipe, 6 monuments, 1 sign post. State will furnish cement for cars; sand and gravel in stockpiles, all at railroad siding at Yerington station on Nevada Copper Belt Ry.

1.22 miles in Churchill county, from west to east city limits of Fallon; 1850 cu. yds. unclassified excav., 22,788 yds. sta. overhaul, 1.22 miles prepare subgrade and shoulders, 12,850 sq. yds. cement conc. pavement, 10 cu. yds. Class "B" conc., 328 lin. ft. corr. metal pipe siphon, 18 monuments. State will furnish cement for cars at Fallon and sand and gravel in stockpiles at Fallon. Geo. W. Borden, state highway eng.

SACRAMENTO, Cal.—Matthews Construction Co., Forum Bldg., Sacramento, at \$771,957 submits low bid to Sacramento city commissioners to construct rapid sand filtration plant and appurtenances, being the filtration plant portion of the Pumping and Filtration works of the City of Sacramento, comprising the construction, complete, of sedimentation and coagulation basins having an aggregate capacity of approximately 10,500,000 gals.; eight rapid sand filters of concrete, having a nominal capacity of 32,000,000 gals. a day, a superstructure over the operating gallery of the filters, a headhouse for administration purposes in which there is also a 200,000 gal. elevated steel water tank for filter washing purposes; a concrete pump having a capacity of approximately 200,000 gals., a coagulant building and outside piping, excavation and embankment and roadways and paths.

R. McLaren Co., San Francisco, bid \$843,318; Healy-Thibault Const. Co., San Francisco, \$860,000; Shutes and Zinc, Stockton, \$917,000. For items 2-4-7, equipment, Roberts Building Mfg. Co., Darby, Penn., bid \$174,952 and for general fill only, Geo. Pollock Co., of Sacramento, bid \$86,800.

Following are approximate quantities of materials involved in the work; 14,500 cu. yds. concrete; 477 concrete piles; 870 tons of reinforcing material; 17,500 cu. yds. excavation; 6000 cu. yds. rolled fill; 300,000 cu. yds. of general fill or embankment. In addition to the above features a considerable amount of building construction and mechanical equipment, including cast iron pipe and fittings, gate valves, sluice gates, hydraulic and electrical controlling devices, gauges, conveyors, pulverizers, etc., are involved. George J. Calder is resident engineer for the project.

California—Following bids received Aug. 28 by State Highway Commission: Monterey county, between Anderson and Spur River, 13.1 miles long, to be graded.

Geo. Pollock Co., Forum Bldg., Sacramento (low bidder)....\$ 786,506
Palmer & McBryde, S. F..... 1,064,291
P. Rolandi, San Francisco..... 891,181
Willett & Burr, S. F..... 916,416
Pettersen & Downs, Los Ang., 1,069,479
Erickson-Pettersen-Grier Co., San Francisco..... 992,580
Bates & Borland, Oakland..... 814,369
Utah-Betchel Co., S. F..... 950,683
Guy F. Atkinson, Portland, 1,288,089
R. A. Jotte-Winters Co., Spokane, Wash., 845,558
Engineer's estimate..... 623,430

Napa county, between ¾-mile south of north boundary and 1½ miles west of Calistoga, 8.4 miles long, to be graded.

Erickson, Pettersen & Grier, Monadnock Bldg., S. F.....\$244,980.50
Palmer & McBryde, S. F..... 251,890.50
Roff Constr. Co., L. A..... 260,677.00
Bates & Borland, Oakland..... 261,515.50
C. Miles, Sacramento..... 263,009.00
J. P. Holland, S. F..... 264,929.00
P. Rolandi, S. F..... 272,758.50
L. Burr..... 277,295.50
Flumenkranz & Vernon, Skttn285,073.50
Utah-Betchel Co., S. F..... 302,549.40
A. J. Fairbanks, Willits..... 305,265.50
Warren Constr. Co., Oakland 312,379.00
Gannars & Hansen, Santa Rosa..... 320,318.50
Engineer's estimate..... 253,229.00

Los Angeles county, between Saugus and ¾ mile northeast of Castaic school, 9.1 miles long, to be paved with Portland cement concrete shoulders.

Sam Hunter, Santa Barbara.....\$58,012
Henry Leonhardt, L. A..... 61,880
E. N. Shaffer Co., L. A..... 64,855
Southwest Paving Co., L. A..... 70,210
Lynn Atkinson, L. A..... 79,730
Engineer's estimate..... 48,600

Kern County, between SW ¼ Sec. 22, T. 11 N., R. 24 W., S. E. B. and M. and Maricopa, 2.7 miles long, to be graded and paved with bituminized macadam. C. E. Christensen, S. F. (low bidder).....\$31,446
Federal Constr. Co., S. F..... 36,960
M. J. Vezanda, Auburn..... 34,991
Valley Constr. Co., Bakersfield..... 43,673
Isbel Constr. Co., Fresno..... 72,638
Engineer's estimate, \$44,593.

BERKELEY, Alameda Co., Cal.—City Council, E. M. Hann, clerk, declares intention to imp. portions of Bancroft Way by const. comb. conc. curbs and gutters and paving with bituminous conc. 1911 Act. Protests Sept. 8 C. L. Huglins, city eng.

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Name

Street and No.

City State

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
1222	Grant	Owner	8000
1223	Bertram	Meyer	3000
1224	Luschetti	Coburn	1022
1225	Sunset	Nolan	1927
1226	Jones	Irwin	4100
1227	Silberman	Owner	3500
1228	Worth	Morris	8000
1229	Parkside	Owner	3500
1230	Voorhies	Owner	2000
1231	Fitzhugh	Sibley	10750
1232	Standard	Owner	2000
1233	Weissbein	Meyer	8000
1234	Otis	MacDonald	30000
1235	Welsh	Owner	70000
1236	Curtis	Ellingson	13755
1237	Stendi	De Martini	8500
1238	Bertram	Meyer	4371
1239	Todhunter	Owner	5300
1240	Same	Same	5300
1241	Hind	Hind	4000
1242	Alberigi	Mori	1400
1243	De Ryana	Owner	10500
1244	Lager	Owner	11000
1245	Detoy	Cox	6000
1246	Doud	Wilson	2000
1247	Costello	Owner	2800
1248	Kuss	Murray	5063
1249	Belfiore	Pillon	2900
1250	Palace	Cameroon	1000
1251	Granat	Mullen	3500
1252	Weiss	Jensen	18500
1253	Sullivan	Cohn	12345
1254	Pochini	Raggio	18000
1255	Scott	Burns	4850
1256	Twomey	Grahn	3500
1257	Stuhr	Casty	6636
1258	Anderson	Owner	5000
1259	McTearry	Wilson	4076
1260	Hansen	Christenson	9000
1261	Bertram	Meyer	3000
1262	Stundell	Owner	3500
1263	Grunauer	Zinkand	15009
1264	Magill	Peterson	7500
1265	Same	Same	7500
1266	Bekovitzky	Boyer	25000
1267	Wood	Troback	3000
1268	Uhl	Owner	2500
1269	Horgan	Owner	2900
1270	Same	Same	2900
1271	Sullivan	Cohn	12500
1272	Asbury	Knight	2000
1273	Erickson	Olson	3000
1274	Nelson	Owner	4000
1275	Pierce	Lindner	70000
1276	Cederberg	Owner	3500
1277	U S Mt	Truseon	3500
1278	Mannwell	Gullmes	2500
1279	Hocken	Wilhelm	5600
1280	Behm	Heinberger	6000
1281	Sheehan	Zinkand	4100
1282	Behm	Meinberger	6000
1283	Janssen	Owner	3356
1284	Anderson	Meyed	3000
1285	Ryan	Broderick	4000
1286	Kindberg	Olson	4000
1287	Bianchi	Leigh	8827
1288	McGrath	Deibel	6750
1289	Woodfield	Nelson	28500
1290	Bottruff	Warden	4085
1291	Siebrecht	Rolff	4700
1292	Wood	Troback	25000
1293	Standard	Direct	13765
1294	Bernard	Owner	45000
1295	Butler	Martin	17000
1296	Britt	Owner	1950
1297	Johnson	Owner	100000
1298	Bae	Owner	2500
1299	New Era	Owner	4500
1300	W&F	Owner	8000
1301	Fiske	Owner	3000

3302	Kirby	Owner	5000
3303	Labien	Liestel	1000
3304	Ruderman	Owner	4000
3305	Lesswig	Lesswig	5000
3306	Wood	Troback	25000
3307	Kaufmann	Boxton	9213
3308	Saune	Reliable	1130

FLATS

(3222)	E DIVISADERO 100 S Duboce Ave.	Two-story and basement frame (2) flats.	
Owner—	J. A. Grant, 180 Jessie St., San Francisco.		
Architect—	G. Cantrell, Chronicle Bldg., San Francisco.		\$8000

DWELLING

(3223)	W FORTIETH AVE 155 N Geary	One-story and basement frame dwelling.	
Owner—	G. A. Bertram, 2831 Mission St., San Francisco.		
Architect—	None.		
Contractor—	Meyer Bros., 5326 Geary St., San Francisco.		\$3000

REPAIRS

(3224)	NO. 944 GREENWICH	Repair rustic; painting, tinting and papering (6) flats.	
Owner—	Dr. A. Luschetti, 180 Jessie St., San Francisco.		
Architect—	None.		
Contractor—	Chas. Coburn, 180 Jessie St., San Francisco.		\$1022

ALTERATIONS

(3225)	N IRVING 125 E Tenth Ave.	Widen stage in theatre; re-arrange plumbing; construct ticket office.	
Owner—	Sunset Theatre Co., Premises.		
Architect—	None.		
Contractor—	M. F. Nohk, 228 Xoe St., San Francisco.		\$1925

ALTERATIONS

(3226)	NO. 140 ROMAIN	Alterations and minor addition to dwelling.	
Owner—	Mrs. E. Jones, Premises.		
Architect—	None.		
Contractor—	J. J. Irwin, 801 Cabrillo St., San Francisco.		\$1400

RESIDENCE

(3227)	E TWENTY-NINTH AVE 100 N Lake	Two-story and basement frame residence.	
Owner—	J. H. Silberman, 2301 Stockton St., San Francisco.		
Architect—	S. Heiman, 57 Post St., San Francisco.		\$5000

DWELLING

(3228)	NE TWELFTH AVE AND CA	brillo. Two-story and basement frame dwelling.	
Owner—	H. C. Worth, 1312 Golden Gate Ave., San Francisco.		
Architect—	None.		
Contractor—	T. Morris, 561 11th Ave., San Francisco.		\$8000

DWELLING

(3229)	W THIRTY-SECOND AVE 23 N Ulloa	One-story and basement frame dwelling.	
Owner—	Parks & Realty Co., 617 Crocker Bldg., San Francisco.		
Architect—	Chas. F. Strothoff, 2274 15th St., San Francisco.		\$5500

ALTERATIONS

(3230)	N FULTON #5 N Hemway	Construct retaining wall (reinforced concrete) approximately 10 ft. high.	
Owner—	W. R. Voorhies, 50 Divisadero St., San Francisco.		
Architect—	None.		\$2000

CLASS A BLDG.

(3231)	NE POST AND POWELL N 137-6X E 162-9	All work for excavation for ten-story and basement Class A building.	
Owner—	Wm. W. and Mary E. Fitzhugh, Mills Bldg., San Francisco.		
Architect—	Reid Bros., 105 Montgomery St., San Francisco.		
Contractor—	Sibley Grading & Teaming Co., 135 Lander St., S. F.		
Filed Aug. 24, '22.	Dated Aug. 23, '22	Payments as provided in contract with A. J. Reeder recorded June 27, 1922	
		TOTAL COST, \$10,750	
		Bond, \$5375	Surety, Fidelity & Deposit Co. of Maryland.
		Limit, 30 days	Forfeit, plans and specifications, none.

STATION

(3232)	SE GEARY AND ARGUELLO Blvd.	One-story steel gasoline service station.	
Owner—	Standard Oil Co., 298 Bush St., San Francisco.		
Plans by	Owner.		\$2900

STATION

(3233)	SE GEARY AND FOURTH Ave.	Two-story concrete battery service station.	
Owner—	J. Weissbein, 582 Market St., San Francisco.		
Architect—	H. C. Baumann, 251 Kearny St., San Francisco.		
Contractor—	Meyer Bros., 5326 Geary St., San Francisco.		\$8000

ADDITION

(3234)	NO. 1231 MARKET	Addition of 42 bathrooms to hotel.	
Owner—	Jas. Otis, Trustee.		
Architect—	Ieo. Rushforth, 354 Pine St., San Francisco.		
Contractor—	MacDonald & Kahn, 120 Montgomery St., San Francisco.		\$30,000

APARTMENTS

(3235)	NE TAYLOR AND DERBY PL	Six-story and basement concrete (33) apartments.	
Owner—	James Welsh, 597 20th Ave., San Francisco.		
Architect—	None.		\$70,000

STORES AND FLATS

(3236)	N GREEN 137-6 E Pierce N 137-6X E 162-6	Excavating, concrete and cement work, brick, iron, carpentry, hardwood floors, roofing, glazing, sheet metal, plastering, hardware, light fixtures, shades, electric work, plumbing, painting, papering, tinting for two-story and basement frame and brick veneer stores and (2) flats.	
Owner—	Marvin Curtis.		
Architect—	Welsh & Carey, Merchants National Bank Bldg., S. F.		
Contractor—	E. Ellingson, 180 Jessie St., San Francisco.		
Filed Aug. 26, '22.	Dated Aug. 25, '22.	Frame up and enclosed	\$2000
		Brown coated	2000
		Plastering and brick work completed	2000
		Plotted	2000
		Completed and accepted	3315
		Usual 25 days.	2410
		TOTAL COST, \$13,755	
		Bond, \$6887.	Sureties, C. B. Seovig & Emil Hogberg.
		Limit, 90 days.	Forfeit, none.
		Plans and specifications	filed.

FRAME BLDG.
(3257) **WWEIBSTER** 50 S Chestnut
37-6x42-6. All work except shades,
and lighting fixtures for two-story and
basement frame building.
Owner—J. and M. Stradi.
Architect—None.

Contractor—Paul De Martini, 946
Broadway, San Francisco.
Filed Aug. 26, '22. Dated Aug. 22, '22.
Frame up \$2125
Brown coated 2125
Completed and accepted 2125
Usual 55 days 2125
TOTAL COST, \$8500
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

COTTAGE
(3258) **S PALORA** 35 E Twenty-eighth
Ave. All work for five-room frame
and plaster cottage.
Owner—Geo. A. Bertram, 2831 Mission
St., San Francisco.
Architect—None.

Contractor—Meyer Bros., 5526 Geary
St., San Francisco.
Filed Aug. 26, '22. Dated Aug. 21, '22.
Frame up \$1092.86
Brown coated 1092.86
Completed and accepted 1092.86
Usual 35 days 1092.86
TOTAL COST, \$4271.45
Bond, none. Limit, 90 days. Forfeit,
plans and specifications, none.

DWELLING
(3239) **E AHSBURY** 275 N Seventeenth
Two-story and basement frame
dwelling.
Owner—Geo. C. Todhunter, 1088 Ash-
bury St., San Francisco.
Architect—None. \$5200

DWELLING
(3240) **E AHSBURY** 250 N Seventeenth
Two-story and basement frame
dwelling.
Owner—Geo. C. Todhunter, 1088 Ash-
bury St., San Francisco.
Architect—None. \$5200

DWELLING
(3241) **N CRESCENT AVE** 72-6 E Mis-
sion. One and one-half-story and
basement frame dwelling.
Owner—Alfred E. Hind, % Architect.
Architect—W. G. Hind, Mission and
Crescent Aves., San Francisco.
Contractor—Harry W. Hind, % Archi-
tect. \$4000

GARAGE
(3242) **NO. 1931 UNION STREET**
Two 1-story frame (priv.) garage
Owner—A. Albergt, 1931 Union St.
Architect—None.
Contractor—G. Mori, 5 Charlton St.
\$700 each.

FLATS
(3243) **N LAKE** 57-6 W Second Ave.
Two-story and basement frame (2)
flats.
Owner—Rosalie V. De Ryan, 1049
Lake St., San Francisco.
Architect—None. \$10,000

FLATS
(3244) **E SECOND AVE** 32-6 N Corn-
wall. Two-story and basement
frame (2) flats.
Owner—M. Lager and Val Franz, 180
Jessie St., San Francisco.
Architect—None. \$11,000

DWELLING
(3245) **W SIXTEENTH AVE** 250 S
Judah. Two-story and basement
frame dwelling.
Owner—C. N. Deto, 2615 Octavia St.,
San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave.,
San Francisco. \$6000

DWELLING
(3246) **NE TWENTY-FOURTH AVE**
and Burnham. One-story and base-
ment frame dwelling.

Owner—Octavia A. Bond, 306 Bush St.,
San Francisco.
Architect—None.
Contractor—E. E. Wilson, 2530 28th
Ave., San Francisco. \$2900

DWELLING
(3247) **W THIRTY-EGHTEH AVE** 115
N Fulton. One-story and base-
ment frame dwelling.
Owner—Castello & Sullivan, 996 York
St., San Francisco.
Architect—None. \$2800

DWELLING
(3248) **E TWENTY-EGHTEH AVE** 325
N Clement. One-story and base-
ment frame dwelling.
Owner—Geo. W. & Nellie D. Kuss, 2514
Clement St., San Francisco.
Architect—None.
Contractor—Murray & Anderson, 475
Evergreen Ave., S. F. \$5000

ADDITION
(3249) **153 HOLLY PARK CIRCLE.**
Addition basement and two rooms
to residence.
Owner—C. DeHoff, 453 Holly Park Cir-
cle, San Francisco.
Architect—None.
Contractor—Louis Pillon, 847 Duncan
St., City. Cost, \$2900.

ALTERATION
(3250) **SW MONTGOMERY AND MAR-**
ket Sts. Place mahogany ceiling;
rails and balusters in bond office;
cut opening in wall for door.
Owner—Palace Hotel Co., premises.
Architect—None.
Contractor—Cameron & Disston, Hearst
building. \$1000

ALTERATION
(3251) **164 GEARY STREET.** General
alterations and repairs for jewelry
store.
Owner—Granat Bros., 2248 Mission St.
Architect—None.
Contractor—Mullen Mfg. Corp., 64
Rausch St., City. \$3500

CLSS C BLDG.
(3252) **S LAIKIN** bet. Geary and
Post 23x60. All work for three-
story and basement Class C rein-
forced concrete building.
Owner—Dr. Eph Weiss, 1907 Lincoln
Ave., San Francisco.
Architect—None.
Contractor—G. P. W. Jensen, 320 Mar-
ket St., San Francisco.
Filed Aug. 28, '22. Dated July 31, 1922
NOTE—Permit reported July 31, 1922
No. 2932.
Concrete all poured \$4625
Elasticized completed 4625
Completed and accepted 4625
Usual 35 days 4625
TOTAL COST, \$18,500
Bond, none. Limit, 120 days. Forfeit,
none. Plans and specifications filed.

BUILDING
(3253) **N FIRST AND NATOMA** 40x80
All work for one-story and base-
ment frame building.
Owner—Walter H. Sullivan, Alexander
Bldg., San Francisco.
Architect—Leo J. Devlin, Pacific Bldg.,
San Francisco.
Contractor—Louis J. Cohn, 110 Sutter
St., San Francisco.
Filed Aug. 28, '22. Dated Aug. 24, '22.
On 1st and 15th of each month 75%
Usual 35 days 25%
TOTAL COST, \$12,345
Bond, \$6175 Sureties, George Cohn &
Esther Cohn. Limit, as fast as possible.
Forfeit, none. Plans and specifications
filed.

FRAME BUILDING
(3254) **N UNION** 37 W Taylor. All
work for three-story and basement
frame building.
Owner—E. Pochini, 898 Greenwich
St., San Francisco.

Architect—None.
Contractor—Luigi Raggio and C.
Facioni, 989 Greenwich St., S. F.
Filed Aug. 28, '22. Dated July 31, '22.
Roof on \$1500
Rough plaster on 4500
Completed 4500
Usual 55 days 4500
TOTAL COST, \$13,000
Bond, guaranteed bond in favor of
owner. Sureties, Massucco Emilio and
Nicola Dentoni, Limit, Oct. 31, 1922.
Forfeit, none. Plans and specifications
filed.

FRAME BUILDING
(3255) **W BRYANT** 213 S 26th S 25x
W 100. All work except sewer
and light fixtures for six-room and
basement frame building.
Owner—Clarence H. Scott, 1029 Hollis-
ter Ave., San Francisco.
Architect—None.

Contractor—J. M. Burns, 101 Thornton
Ave., San Francisco.
Filed Aug. 28, '22. Dated Aug. 22, '22
Roof on \$1212.50
Brown coated 1212.50
Accepted 1212.50
Usual 35 days 1212.50
TOTAL COST, \$4850.00
Bond, none. Limit, 125 days. Forfeit,
none. Plans and specifications filed.

COTTAGE
(3256) **E HOLYOKE** 100 N Silliman 25
x120. All work for four-room and
bath cottage.
Owner—Matthew & Katherine Twomey
464 Brannan St., San Francisco.
Architect—Wm. H. Grann, 2840 Bryant
St., San Francisco.
Contractor—Wm. H. Grann, 2840 Bry-
ant St., Francisco.
Filed Aug. 28, '22. Dated Aug. 25, '22
Alge. Globe Mutual Loan Co., \$2500
TOTAL COST, \$3500
Bond, none. Limit 90 days. Forfeit,
plans and specifications, none.

FRAME BLDG.
(3257) **SW HAYES AND ASHBURY** 21
on Hayes by 50. All work for two-
story frame building.
Owner—C. G. Stahr, San Anselmo, Cal.
Architect—Edw. E. Young, 251 Kearny
St., San Francisco.
Contractor—John Casty & Son, 110
Jessie St., San Francisco.
Filed Aug. 28, '22. Dated Aug. 28, '22.
Frame up \$1659
Brown coated 1659
Completed 1659
Usual 35 days 1659
TOTAL COST, \$6636
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

DWELLING
(3258) **N ANZA** 195 W Twenty-seventh
Ave. One-story and basement
frame dwelling.
Owner—Jonathan Anderson, 463 16th
Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5526 Geary
St., San Francisco. \$3000

ADDITION
(3259) **NO. 540 BRANNAN.** One-story
brick addition to warehouse.
Owner—McCreery Estate, 114 Sansome
St., San Francisco.
Architect—Weeks & Day, 921 Califor-
nia St., San Francisco.
Contractor—J. E. Gilson, 150 Jessie
St., San Francisco. \$1073

FRAME FLATS
(3260) **E BELVEDERE** 212 N 17th.
Two-story and basement frame (2)
flats.
Owner—Mrs. H. J. Hansen, Rivoli and
Belvedere Sts., San Francisco.
Architect—None.
Contractor—H. C. Christensen, 518 25th
Ave., San Francisco. \$9000

DWEELLING

(3261) S BALBOA 155 N Geary. One-story and basement frame dwelling.
Owner—George Bertram, 2831 Mission St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. \$3000

RESIDENCE

(3262) S CUMBERLAND 265 W Guerrero. Three-story and basement frame residence.
Owner—Carl Stondell, 248 Guerrero St., San Francisco.
Architect—Chas. P. Strothoff, 2274 15th St., San Francisco. \$3800

RESIDENCE

(3263) NE EUCLID AND COMMONWEALTH Aves. Two-story and basement frame residence.
Owner—A. Grunauer, 821 Balboa Bldg., San Francisco.
Architect—Eric J. Osborne, 821 Balboa Bldg., San Francisco.
Contractor—Ed Zinkand & Son, 434 10th Ave., San Francisco. \$15,000

FRAME FLATS

(3264) E ELEVENTH AVE 177 N Cabrillo. Two-story and basement frame (2) flats.
Owner—W. W. Magill, 751 12th Ave., San Francisco.
Architect—None.
Contractor—Gustav Peterson, 683 9th Ave., San Francisco. \$7500

FRAME FLATS

(3265) E ELEVENTH AVE 202 N Cabrillo. Two-story and basement frame (2) flats.
Owner—W. W. Magill, 751 12th Ave., San Francisco.
Architect—None.
Contractor—Gustav Peterson, 683 9th Ave., San Francisco. \$7500

ALTERATIONS

(3266) NO. 1567 ELLIS. Lower store floor to sidewalk grade, remodel front, erect partitions in upper floor for flat.
Owner—Ephraim Pekovitsky, 1458-A O'Farrell St., San Francisco.
Architect—K. H. Irvine, 507 Call Bldg., San Francisco.
Contractor—Louis Beyer, 1184 Turk St., San Francisco. \$3000

GARAGE

(3267) S FULTON 157-6 W Divisadero. One-story concrete public garage.
Owner—L. Wood and D. Shady, 2% Architect.
Architect—Mel. I. Schwartz, 1202 Nevada Bank Bldg., S. F.
Contractor—Trobbeck & Cress, 180 Jessie St., San Francisco. \$25,000

ALTERATIONS

(3268) NO. 255 GEARY. Remodel store front.
Owner—Chi Estate Co., 38 O'Farrell St., San Francisco.
Architect—None. \$2500

DWEELLING

(3269) SE LISBON 250 W Italy. One-story and basement frame dwelling.
Owner—F. Horgan, 915 Pierce St., San Francisco.
Architect—None. \$2990

DWEELLING

(3270) SE LISBON 225 W Italy. One-story and basement frame dwelling.
Owner—F. Horgan, 915 Pierce St., San Francisco.
Architect—None. \$2990

STORE

(3271) NW NATOMA AND FIRST. One-story and basement brick and concrete store.
Owner—W. Sullivan, Alexander Bldg., San Francisco.

Architect—L. Devlin, Pacific Bldg., San Francisco.
Contractor—L. Cohn, 110 Sutter St., San Francisco. \$12,500

DWEELLING

(3272) SE PINLEAF AVE AND FILLMORE. Two-story and basement frame dwelling.
Owner—L. R. Ashbury, 618 14th St., Oakland.
Architect—None.
Contractor—W. J. Knight, 79 16th St., Oakland. \$2600

DWEELLING

(3273) N RICHLAND AVE 300 E Mission. One-story and basement frame dwelling.
Owner—Chas. Erickson, 289 Fell St., San Francisco.
Architect—None.
Contractor—Andrew Olson, 289 Fell St., San Francisco. \$1000

DWEELLING

(3274) W WAWONA 62 N Ulloa. One and one-half-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, 2 West Portal Park, S. F.
Architect—None. \$1000

OFFICE BLDG.

(3275) S SACRAMENTO 45-10 W Front. Three-story and basement reinforced concrete store and office building.
Owner—H. & W. Pierce Co., 728 Montgomery St., San Francisco.
Architect—Benj. G. McDougall, 341 Bush St., San Francisco.
Contractor—Lindgren Co., 970 Monadnock Bldg., San Francisco. \$75,000

DWEELLING

(3276) W TWENTY-FIFTH AVE 125 N Clement. One-story and basement frame dwelling.
Owner—August Cederberg, 457 Douglas St., San Francisco.
Architect—None. \$3500

MFG. PLANT.

(3277) W TENTH 287-6 S Polson. One-story steel light manufacturing plant, 50x66.
Owner—C. S. Metal Products Co., 730 10th St., San Francisco.
Architect—None.
Contractor—Truscon Steel Co., 827 10th St., San Francisco. \$3500

DWEELLING

(3278) NW TWENTY-SEVENTH AND Sanchez. One-story and basement frame dwelling.
Owner—H. G. McConnell, 1367 Noe St., San Francisco.
Plans by Owner.
Owner—V. Gullmes, 1828 Casaro St., San Francisco. \$2500

DWEELLING

(3279) E TWELFTH AVE 77 S Judah. One-story and basement frame dwelling.
Owner—M. Hencken, 1900 Hyde St., San Francisco.
Architect—W. H. Toepke, 942 Market St., San Francisco.
Contractor—A. H. Wilhelm, 180 Jessie St., San Francisco. \$5600

DWEELLING

(3280) E TWENTY-FOURTH AVE 235 S Cabrillo. One-story and basement frame dwelling.
Owner—A. H. Behm, 5720 California St., San Francisco.
Architect—None.
Contractor—H. S. Meinberger, 5720 California St., S. F. \$6000

DWEELLING

(3281) W THIRTY-FOURTH AVE 72 S Balboa. One-story and basement frame dwelling.
Owner—Jean Sheehan.

Architect—None.

Contractor—Ed. Zinkand & Son, 434 10th Ave., San Francisco. \$4100

DWEELLING

(3282) E TWENTY-FOURTH AVE 260 S Cabrillo. One-story and basement frame dwelling.
Owner—H. Behm, 5720 California St., San Francisco.
Architect—None.
Contractor—H. S. Meinberger, 5720 California St., S. F. \$6000

DWEELLING

(3283) W TWENTY-SEVENTH AVE 209 N Cabrillo. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950

DWEELLING

(3284) E TWENTY-SIXTH AVE 175 S Geary. One-story and basement frame dwelling.
Owner—Jonathan Anderson, 423 16th Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. \$3000

RIDING SCHOOL

(3285) NO. 326 THIRTY-SIXTH AVE. One-story riding school.
Owner—Jas. J. Ryan, 315 14th Ave., San Francisco.
Architect—L. A. Hyde, 2325 26th St., Oakland.
Contractor—D. J. Broderick, 1400 Ellis St., San Francisco. \$4000

DWEELLING

(3286) W WHITNEY near Fairmount. One-story and basement frame dwelling.
Owner—Mrs. C. Kindberg, 263 Cheney St., San Francisco.
Architect—None.
Contractor—Andrew Olson, 289 Fell St., San Francisco. \$4000

FRAME BUILDING

(3287) N FRANCISCO 112-6 E Gough E 25xN 137-6 W A 111. All work for two-story and basement frame building.
Owner—Adam Bianchi, 935 Union St., San Francisco.
Supt.—D. Leigh and S. A. Giusti.
Contractor—David Leigh, 840 44th Ave., San Francisco.

Filed Aug. 30, '22. Dated Aug. 28, '22.
Roof on \$2227.50
Brown coated 2200.00
Accepted 2200.00
Usual 35 days 2200.00
TOTAL COST, \$8827.50
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Aug. 12, 1922 No. 3070.

FRAME FLATS

(3288) NE LARKIN AND VALLEJO 20x48. All work for two-story frame flats.
Owner—Thos. McGrath.
Architect—H. Black.
Contractor—Louis J. Deibel, 2453 Buchanan St., San Francisco.
Filed Aug. 30, '22. Dated Aug. 22, '22.
Roof on & repair for plaster, \$231.75
Completed and accepted, \$531.25
Usual 35 days 1687.50
TOTAL COST, \$6750.00
Bond, none. Limit, Nov. 22, 1922. Forfeit, none. Plans and specifications filed.

STORES

(3289) W MASON 137-6 N Eddy. All work for two-story and basement reinforced concrete store buildings.
Owner—Wm. H. Woodfield Jr., 453 28th Ave., San Francisco.
Architect—Wm. F. Gunnison, 1666 Golden Gate Ave., San Francisco.

Contractor—E. K. Nelson, 77 O'Farrell St., San Francisco.
Filed Aug. 10, '22. **Dated** Aug. 26, '22.
 1st floor joists set and basement concrete walls in both buildings.
 Brown coated \$1455
 Completed and accepted 716.5
 Usual 35 days 716.5
TOTAL COST, 28,660
Bond, \$14,330. Surety, Royal Indemnity Co. Limit, 90 days. Forfeit, none.
 Plans and specifications filed.

GARAGE, ETC.
(3250) N. SHERIDAN 180 W Ninth 25 x100. All work for one-story and basement frame building and garage.
Owner—W. T. Bottruff, Menadnock Bldg., San Francisco.
Architect—J. C. Hladik, Menadnock Bldg., San Francisco.
Contractor—F. Warden, 354 Sussex St., San Francisco.
Filed Aug. 26, '22. **Dated** Aug. 25, '22.
 Frame up \$1021.25
 Brown coated 1021.25
 Finished 1021.25
 Usual 35 days 1021.25
TOTAL COST, \$4085.00
Bond, \$2042.50. Sureties, O. Monson & Emil Nelson. Limit, 60 days. Forfeit, \$5. Plans and specifications filed.

BUILDING
(3291) E TWENTY-EIGHTH AVE 316 S Geary S 25x5E 95. All work except plumbing, electric light fixtures for building.
Owner—Eugenie or Eugenia Siebiche wife Max, 435 20th Ave., S. F.
Architect—None.
Contractor—Edw. F. Rolf and Jas. E. Burke, 556 28th Ave., S. F.
Filed Aug. 30, '22. **Dated** Aug. 29, '22.
 Owner to pay bills for labor and material Balance
 Usual 35 days
TOTAL COST, \$4700
Bond, none. Limit, 91 days after Sept. 1, 1922. Forfeit, plans and specifications, none.

R C BUILDING
(3292) S FULTON 187-6 W Divisadero W 87-6xS 137-6 W A 513 All work for one-story reinforced concrete building.
Owner—Louis Wood and Dave Sinay.
Architect—Mel L. Schwartz, 14 Montgomery St., San Francisco.
Contractor—Trobbeck & Cress, 180 Jessie St., San Francisco.
Filed Aug. 30, '22. **Dated** Aug. 28, '22.
 Concrete poured to hollow of trusses \$6250
 Gravel roof on 6250
 Completed and accepted 6250
 Usual 35 days 6250
TOTAL COST, \$25,000
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

TELEPHONE SYSTEM
(3293) SW BUSI & SANSOME 206-3 x127-6. All work for installing intercommunicating telephone system for building.
Owner—Standard Oil Co.
Architect—George W. Kelham, Sharon Bldg., San Francisco.
Contractor—Direct Line Telephone Co., 320 Market St., San Francisco.
Filed Aug. 30, '22. **Dated** July 28, '22.
 Monthly payments of 75%
 36 days after 25%
TOTAL COST, \$13,365
Bond, \$6682.50. Surety, National Surety Co. Limit, Dec. 31, 1922. Forfeit, none. Plans and specifications filed.

APARTMENTS
(3294) NW COLE AND PARNASSUS Three-story and basement frame (11) apartments.
Owner—G. F. Bernard, 110 Gough St., San Francisco.
Architect—Theo. W. Lenzen, 706 Humboldt Bank Bldg., San Francisco.
\$43,000

RESIDENCE
(3235) E DIVISADERO 68 S Union Two-story and basement frame residence.
Owner—Margaret S. Butler, Architect
Architect—August G. Headman, 641 186th St., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco. \$17,000

DWELLING
(3296) E FULTON AVE 159 N Judah. One-story and basement frame dwelling.
Owner—O. W. Britt, 1257 First Ave., San Francisco.
Architect—None. \$1950

APARTMENTS
(3297) S GEARY 137-6 W Hyde. Six story and basement brick (37) apartments and store.
Owner—Chas. A. Johnson, 35 Steiner St., San Francisco.
Architect—None. \$100,000

DWELLING
(3298) N HEARST AVE 200 E Hamburg. One-story and basement frame dwelling.
Owner—Anders M. Eae, 739 Joost Ave., San Francisco.
Architect—None. \$2500

DWELLINGS
(3299) S HOLLY PARK CIRCLE 25 E Park and SW Holly Park Circle & Park St. Two one and one-half-story and basement frame dwellings.
Owner—New Era Building Co., 3259 Mission St., San Francisco.
Architect—None. \$2250 each

FLATS
(3300) N LAKE 82-6 W Second Ave. Two-story and basement frame (2) flats.
Owner—Nellie F. Wolf, 6th Ave. and Lake St., San Francisco.
Designer—F. A. Legault, 663 Ashbury St., San Francisco. \$8000

DWELLING
(3301) E TWENTY-FIRST AVE 360 S Irving. One-story and basement frame dwelling.
Owner—Fred Fiske, 1363 8th Ave., San Francisco.
Architect—None. \$4000

FLATS
(3302) E SIXTEENTH AVE 50 S Cabrillo. Two-story and basement frame (2) flats.
Owner—J. C. Kirby, 430 20th Ave., San Francisco.
Architect—None. \$5000

ALTERATIONS
(3303) NO. 406 UTAH. Alter for basement garage and repairs for rear porches (flats).
Owner—M. Dahlton, 248 Russ Bldg., San Francisco.
Architect—None.
Contractor—John Diestel, 248 Russ Bldg., San Francisco. \$1000

ALTERATIONS
(3304) NO. 1743-45 LAGUNA. Plumbing; electric work; carpentry; plastering and painting for apartments.
Owner—I. Ruderman, 1564 Haight St., San Francisco.
Architect—None. \$4000

DWELLING
(3305) W TWENTY-SIXTH AVE 125 S Taraval 25x120. All work for one-story and basement frame dwelling.
Owner—Charlotte R. and Frank J. Lesswig.
Plans by Contractor.
Contractor—S. A. Lesswig, 2810 Pine St., San Francisco.

Filed Aug. 31, '22. **Dated** Aug. 9, '22.
 Frame up \$1500
 Brown coated 1000
 Completed 1250
 Usual 35 days 1250
TOTAL COST, \$5000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDING
(3306) S FULTON 187-6 W Divisadero W 87-6xS 137-6. All work for one-story reinforced concrete building.
Owner—Louis Wood and Dave Sinay.
Architect—Mel L. Schwartz, 14 Montgomery St., San Francisco.
Contractor—Trobbeck & Cress, 180 Jessie St., San Francisco.
Filed Aug. 31, '22. **Dated** Aug. 31, '22.
 Concrete walls to bottom of trusses poured \$6250
 Tar and gravel on 6250
 Completed and accepted 6250
 Usual 35 days 6250
TOTAL COST, \$25,000
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(3307) E FIFTEENTH AVE 185-10 N Anza N 45-6 E 121-4 1/2 S 46 W 128-3 All work except plumbing and painting for one-story and basement frame residence.
Owner—Lottie and Sigmund Kaufmann 180 Commonwealth Ave., S. F.
Architect—T. Patterson, 1080 310 California St., San Francisco.
Contractor—Buxton & Zweig, 809 Flatiron Bldg., San Francisco.
Filed Aug. 31, '22. **Dated** Aug. 24, '22.
 Frame up \$2302
 White Coated 2302
 Completed and accepted 2302
 Usual 35 days 2302
TOTAL COST, \$9213
Bond, \$4607. Sureties, R. C. and O. M. Hunter. Limit, 100 days. Forfeit, \$20. Plans and specifications filed.

(3308) PLUMBING, WATER HEATER, etc., on above.
Contractors—Reliable Plumbing & Heating Co.
Filed Aug. 31, '22. **Dated** Aug. 24, '22.
 Roughed in \$407
 Completed and accepted 430
 Usual 35 days 330
TOTAL COST, \$1153
Bond, \$565. Sureties, G. A. Metcalfe and E. V. Lacey. Limit, 100 days. Forfeit, \$20. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded	Accepted
Aug. 31, 1922—W TWENTY-FIRST AVE 60 S Ulloa S 20xW 120.	Oscar E Mittelstaedt to Wm G Zupar.....Aug. 31, 1922
Aug. 31, 1922—W TWENTY-FIFTH AVE 50 N Anza N 25 W 100-8 S 25 N or E 100-10 1/4.	John J Barrett to whom it may concern.....Aug. 31, 1922
Aug. 31, 1922—SE HOWARD AND Langton 27x100.	No. 1123 Howard, Frank and Rose Mackay (as California Wood Carving Co.) to Mission Concrete Co.....Aug. 31, 1922
Aug. 31, 1922—SE DUBOCE AVE & Divisadero S 130 to NE Cor. of lot S 34 E 88-28 N 34 W 88-23.	George P Vahlheim to Crescent Electric Co, McIntosh Bros, Rundberg & Whitman, Scott Co and Thos Carroll.....Aug. 30, 1922
Aug. 31, 1922—NW TWENTY-SIXTH and Fair Oaks 66 on Fair Oaks and 100 on 26th.	Mary E Reilly to whom it may concern.....Aug. 31, 1922
Aug. 31, 1922—S EDDY 62-6 E Hyde 25x87-6.	Jos Greenbach to Jake Steinh.....Aug. 31, 1922
Aug. 30, 1922—W NINTH AVE 906 N Fulton N 25xW 120.	Elizabeth and Meyer Gorfinkel to Wm K Irvine.....Aug. 30, 1922

Aug. 30, 1922—NW TAYLOR AND Golden Gate Ave 137-6 on Taylor by 192-6. Junior Orpheum of S. F. to The Turner Co. Aug. 28, 1922

Aug. 30, 1922—OMIG, 30 S. Green- wich—W Franklin S 20xW 110-1, Alma I and Fred A. Sander to Louis J. Cobb. Aug. 28, 1922

Aug. 30, 1922—S JUDAH 57-6 W Eleventh Ave. Charles Andersen and Christum Andersen to whom it may concern. Aug. 28, 1922

Aug. 30, 1922—E CAPITOL AVE 75 N Lakeview Ave N 25x E 100. The McCarthy Co to James Arnett & Son. Aug. 28, 1922

Aug. 30, 1922—E EDINBURGH 200 S Russia 25x100. Mrs. Mary Peterson to Wm H. Graham. Aug. 29, 1922

Aug. 30, 1922—W SIXTEENTH AVE 225 N Balboa N 25x120. Marie Jemesch to Thos Hamill. Aug. 29, 1922

Aug. 26, 1922—N CARRILLO 68-4 E Twentieth Ave 25x100. Dr. F. A. Gawtherne to J. W. Swift. Aug. 25, 1922

Aug. 28, 1922—NO. 420 FIFTEENTH AVE. Esdore Horn to P. H. Scott. May 1, 1922

Aug. 28, 1922—E TWENTY-FIRST AVE 200 S Cabrillo S 25x120. Alfred J Gray to whom it may concern. Aug. 28, 1922

Aug. 28, 1922—FOURTH & BERRY Southern Pacific Co to A. Wegner. August 21, 1922

Aug. 28, 1922—E UTAH 232-6 S 18th Ethel Starbuck to Jenkins & Grass. August 28, 1922

Aug. 28, 1922—TOWNSEND ST. Southern Pacific Co to Fay Im- provement Co. Aug. 22, 1922

Aug. 28, 1922—W TWENTY-SECOND AVE 99-5 N Cabrillo N 25x120. Alfred J Gray to whom it may concern. Aug. 28, 1922

Aug. 28, 1922—S ELLIS 57-6 E Hyde 26-9x87-6. E. V. Lacey to Mis- sion Concrete Co. Aug. 28, 1922

Aug. 26, 1922—S WASHINGTON 167 W Leavenworth 43-9x137-6. A. Battaro to whom it may concern. August 26, 1922

Aug. 25, 1922—W WESTWOOD DR dist 5 S from N line Lot 4 Blk 3174 S 25 N 85° 28' 67" W 95 N 32-02 S 87° 27' 43" E 95-002 Ptn Lots 4 and 5 Blk 3174, Westwood Park. Hans and Esther E. Nelson to whom it may concern. Aug. 14, 1922

Aug. 25, 1922—E POLK 88-9 S Green- wich S 48-9x E 100. Axel A. John- son to whom it may concern. Aug. 25, 1922

Aug. 25, 1922—W THIRTY-NINTH AVE 66-8 S Clement S 33-4xW 90. Arthur Quinn and Barney Quinn to whom it may concern. Aug. 27, 1922

Aug. 25, 1922—E MISSION 139 N 18th N 46x E 122-6. Mission Realty Co to Andrew Lynch. Aug. 19, 1922

Aug. 25, 1922—LOT 25x100 ON S Judah 32-6 W Funston Ave. Nellie O'Reilly to whom it may concern. August 23, 1922

Aug. 25, 1922—E ELEVENTH AVE 200 S Clement 25x120. Frank and Irene Mueller to G. E. Watson. August 19, 1922

Aug. 25, 1922—N GEARY 88-8 W Seventh Ave W 25x100. Jos J. O'Brien to whom it may concern. Aug. 16, 1922

Aug. 25, 1922—W ELEVENTH AVE 225 S Balboa. A. T. Morris to whom it may concern. Aug. 25, 1922

Aug. 30, 1922—N McALLISTER 152 W Stanyan W 26 N 87-1 1/2 E 26-9 S 90-0 1/2; No. 2640-2642-2642 1/2 Mc- Allister. A. J. Hunter vs Timothy Long. Aug. 28, 1922 \$155

Aug. 30, 1922—MISSION bet. Fremont and Beale (Fuller Bldg.) Sam Rosenberg vs Ralph McLeran. A. J. Reeder and W. P. Fuller. Aug. 28, 1922 \$300

Aug. 30, 1922—SE MISSION AND Fremont (W N Moore Bldg.) Sam Rosenberg vs Foundation Co. (corp.). A. J. Reeder and Walton N. Moore. Aug. 28, 1922 \$600

Aug. 30, 1922—S POST opp. Olympic Club. Sam Rosenberg vs R. S. Brown. A. J. Reeder, Union League Club and Adam Arras Co. Aug. 28, 1922 \$161.25

Aug. 30, 1922—W TWENTY-FIFTH AVE 275 N Cabrillo N 50xW 120. Hart Wood Lumber Co vs Frank E. Scholz and Knabenschuh & Mor- rison. Aug. 28, 1922 \$392.04

Aug. 30, 1922—W TWENTY-FIFTH AVE 250 N Cabrillo N 35xW 120. Hart Wood Lumber Co vs Peter R. O'Shea, Geo. C. Knabenschuh & J. K. Morrison (as Knabenschuh & Morrison). Aug. 28, 1922 \$329.63

Aug. 30, 1922—W TWENTY-FIFTH AVE 250 N Cabrillo N 25xW 120. J. H. Kruse vs Peter R. and Char- lotte O'Shea and Morrison & Knab- enschuh. Aug. 28, 1922 \$1117.71

Aug. 30, 1922—W TWENTY-FIFTH AVE 275 N Cabrillo N 50xW 120. J. H. Kruse vs Frank B. and Jane Doe Scholz and Knabenschuh & Morrison. Aug. 28, 1922 \$518.95

Aug. 28, 1922—N McALLISTER 137-6 W Jones W 68-9xN 137-6 W Dyke. \$374.60. Frank E. Dowdell, \$104.10. J. D. Waggoner, \$410.77. The Salvation Army and Vukice- vich & Barge. Aug. 28, 1922—NO. 252 TEHAMA ST. H. S. Buckley vs Peter Hoy. Aug. 28, 1922—S TWENTY-NINTH 135 W Castro W 25xS 100 m or l. The Greater City Lumber Co vs Emma A. Anderson and Frank I. Hoedovius. Aug. 28, 1922 \$43.90

Aug. 28, 1922—72 FT. m or l from SE King and 81 m or l from SW Third Ptn Blk bded by King, Berry, 3rd and 4th Sts. California Brick Co vs Unit Constr Co and Southern Pacific Co. Aug. 28, 1922 \$463.25

Aug. 25, 1922—LOT 17 Cornig on Phelan Ave 100 S Staples 25 on Phelan Ave by 100. Inlaid Floor Co vs P. H. Madden, Anna M. Mad- den, Wm M. Kierns and Blanch Kierns. Aug. 25, 1922 \$85.05

Aug. 25, 1922—CLEMENT 82-6 W Second Ave W 25xS 100. S. Wag- ner Co vs James H. and Katherine Heney and G. Moriconi. Aug. 25, 1922 \$109

3722	Lucas	Owner	3200
3723	Ghering	Owner	1000
3724	Sellman	Sellman	8000
3725	Adams	Adams	5000
3726	Pachelo	Perry	3000
3727	Osterdock	Smith	1125
3728	Holmes	Bullock	5000
3729	Endriss	Owner	4000
3730	Ingram	Rose	7000
3731	Merril	Beach	3800
3732	Locke	Sutton	2000
3733	Legeris	Owner	3000
3734	Styble	Blackman	3500
3735	Colonial	Scott	9800
3736	Short	Short	8750
3737	Wilson	Stockholm	1000
3738	Bischoff	Owner	6500
3739	Brazie	Owner	2500
3740	Libby	Owner	3500
3741	Freestrom	Carlson	5550
3742	Daugh	Owner	3570
3743	Gillain	Smith	1850
3744	Lyman	Smith	1850
3745	Chamberlain	Owner	1500
3746	Merritt	Kennedy	1850
3747	Cisero	Owner	3000
3748	De Verin	Bishop	1000
3749	Shaw	Muller	7000
3750	Pfrang	Owner	5500
3751	Parit	Owner	1500
3752	Hilder	Owner	4000
3753	Cronin	Johnson	2000
3754	Blair	Owner	3000
3755	Pfrang	Owner	5500
3756	Newell	Owner	3500
3757	Parker	Owner	5000
3758	Castberg	Walters	3000
3759	Hymans	Emanuel	1500
3760	Woodruff	Farrell	1500
3761	Peelers	Henderson	7000
3762	Blades	Owner	2000
3763	George	Curtis	1500
3764	Haier	Owner	3000
3765	Coddling	Lesure	2500
3766	Millas	Peterson	5900
3767	Woltkiel	Owner	3000
3768	Thompson	Gruener	4000
3769	Coker	Owner	1400
3770	Burritt	Owner	13000
3771	Stolte	Owner	3650
3772	Miller	Sulton	2500
3773	Hickman	Doane	4000
3774	Chambers	Owner	2500
3775	Fisher	Dustin	1500
3776	Fish	Owner	4500
3777	Madsen	Petersen	3000
3778	Jordan	Andresen	10310
3779	Schafer	Home Const Co.	7700
3780	Kopel	Legault	4000
3781	Neon	Long	3250
3782	Sanderson	Whalin	1200
3783	Patton	Owner	5000
3784	Hink	Johnson	7000
3785	Werner	Owner	2000
3786	Frederickson	Owner	3500
3787	Frenzi	Dervese	3200
3788	Loretz	Castle	3150
3789	Wilson	Dashill	5000
3790	Cal. Fdry.	Christensen	1000
3791	Healy	Owner	6000
3792	Hill	Owner	3000
3793	Stenbro	Owner	3000
3794	Gorin	Williamson	3240
3795	Hufschmidt	Owner	3500
3796	Booth	Warner	2000
3797	Fisher	Owner	5000
3798	Sims	Faulkes	11800
3799	Eggers	Rose	10000
3800	Eggers	Newman	2307
3801	Eggers	Leydecker	405
3802	Goria	Williamson	3240
3803	Greene	Rich	9800
3804	Colonial	Denke	5750

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Aug. 25, 1922—NO. 140 MASON. E. A. Davis as to improvements on property. Aug. 25, 1922

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

Aug. 25, 1922—N TWENTY-EIGHTH 200 W Guerrero. James Tarbitt, contractor, with Calvin R. and Helen C. Sutcliffe. Aug. 25, 1922—N GREEN 137-6 E Pierce N 137-6x E 32-6. Marvin Curtis, with Edward Mooney. Aug. 25, 1922

DWELLING

(3120) NO. 1501 STUART, Berkeley. One-story 4-room dwelling. Owner—Justus Norris. 3732 Grove St., Oakland. Architect—None. \$2000

DWELLING

(3721) NO. 1211 FLAKE, Berkeley. One-story 4-room dwelling. Owner—C. Deuble, 553 30th St., Oakland. Architect—None. Contractor—Chas. W. Lindquist, 1546 1/2 Pacific Ave., Alameda. \$2000

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
Aug. 31, 1922—E TWENTY-EIGHTH AVE 245 S Geary S 25x E 120. M. G. Peck vs Mrs. A. Miller and E. Rolf. Aug. 31, 1922 \$46	
Aug. 31, 1922—S E CALIFORNIA & Twenty-seventh Ave S 100x E 32-6. Jas. Kcane vs Thos. J. and Nora A. Feeney. Aug. 25, 1922 \$171	

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am. 1900
3720	Norris	Owner	2000
3721	Deuble	Lindquist	2000

DWELLING
(3722) NO. 2201 ASHEY AVE., Berkeley. One-story 5-room dwelling.
Owner—Lawrence L. Lucas, 555 59th St., Oakland.
Architect—None.
\$3200

ALTERATIONS
(3723) NO. 1908 AND 1912 ADELIN, Oakland. Two alterations.
Owner—A. Gehring, 2138 19th Ave., Oakland.
Architect—None.
\$500 each

DWELLINGS
(3724) N BROOKDALE 240 and 320 E Fifty-fifth Ave., Oakland. Two 1-story 5-room dwellings.
Owner—Mrs J. G. Sellman, 5456 Brookdale Ave., Oakland.
Architect—None.
Contractor—C. G. Sellman, 5456 Brookdale Ave., Oakland.
\$4000 each

DWELLING
(3725) S BROOKDALE 250 W Fruitvale, Oakland. One-story 5-room dwelling.
Owner—C. F. Adams.
Architect—None.
Contractor—E. H. Adams, 2840 23rd Ave., Oakland.
\$3500

DWELLING
(3726) E EIGHTY-FIFTH AVE 400 N E-Fourteenth, Oakland. One-story 4-room dwelling.
Owner—Mrs. B. F. Pacheco, 733 Haight Ave., Alameda.
Architect—None.
Contractor—J. F. Perry, 733 Haight Ave., Alameda.
\$3000

FACTORY
(3727) NO. 3227 FILBERT, Oakland. Two-story factory.
Owner—J. A. Osterdock, Alameda.
Architect—None.
Contractor—Geo. Smith, 315 E-23rd St., Oakland.
\$1125

DWELLING
(3728) NE FLEMING AND MADERA, Oakland. Two-story 4-room dwelling and stores.
Owner—F. B. Holmes, 5530 College Ave., Oakland.
Architect—None.
Contractor—O. M. Bullock, 303 Hudson St., Oakland.
\$5000

ALTERATIONS
(3729) NO. 418 FIFTEENTH ST., Oakland. Alterations.
Owner—R. C. Endriss, Premises.
Architect—Hamilton Murdock, Syndicate Bldg., Oakland.
\$4000

DWELLING
(3729) N FAIRBANKS AVE 380 E Walker Ave., Oakland. One-story 7-room dwelling.
Owner—Mrs. Ingram.
Architect—None.
Contractor—Mervin P. Rose, 940 Oxford St., Berkeley.
\$7000

DWELLING
(3731) SW LAUREL AND KANSAS, Oakland. One and one-half-story 6-room dwelling.
Owner—E. S. Merrill.
Architect—None.
Contractor—Beach & Noble, 5060 Kansas St., Oakland.
\$3800

DWELLING
(3732) N PORTER 140 W 38th Ave., Oakland. One-story 4-room dwlg.
Owner—Wallace H. Locke, 3811 Quigley St., Oakland.
Architect—None.
Contractor—J. F. Sutton, 4176 Quigley St., Oakland.
\$2000

DWELLING
(3733) E SHATTUCK 65 S Fifty-fifth, Oakland. One-story 5-room dwlg.
Owner—V. J. Legris, 600 56th St., Okd.
Architect—None.
\$3000

DWELLING
(3734) N VIRGINIA AVE. bet. Portland and Beverly, Oakland. One and one-half-story 5-room dwlg.
Owner—Frank Stryble, 686 17th St., Oakland.
Architect—None.
Contractor—E. L. Blackman, 4221 14th St., Oakland.
\$3300

CAFETERIA
(3735) NE FRANKLIN 398 NE Fourteenth NE 54th St., Oakland. Plumbing, drainage, steam fitting, oil burning equipment, hot water installation for two-story commercial cafeteria.
Owner—Mrs. H. H. Crane, Jennie M. Hammond, Mrs. S. G. Hammond & E. F. Cuerni (Colonial Cafeteria Co.)
Architect—A. Reinhold Denke, Dubbel Bldg., Oakland.
Contractor—Scott Co., 281 11th St., Oakland.
Filed Aug. 25, '22. Dated Aug. 24, '22. On 4th of each month, 25%
Usual 35 days, 10%
TOTAL COST, \$2000

Bond, none. Limit, as soon as possible.
Perfit, none. Plans and specifications filed.

DWELLING
(3736) N CLARENDON CEMENT 500 W Ashmont, Oakland. Two-story 6-room dwelling.
Owner—Louise H. Short, 574 Rosal Ave., Oakland.
Architect—None.
Contractor—C. W. Short, 574 Rosal Ave., Oakland.
\$8750

ALTERATIONS
(3727) NW FOURTEENTH & MADISON Sts., Oakland. Alterations.
Owner—Henry Wilson.
Architect—None.
Contractor—Chas. Stockholm & Son, 3324 Webster St., Oakland.
\$1000

STORES
(3738) W COLLEGE 100 S Russell, Berkeley. One-story 4-room dwlg.
Owner—John A. Dischoff, 2717 Russell St., Berkeley.
Architect—None.
\$6500

DWELLING
(3739) NO. 2304 CARLTON, Berkeley. One-story 5-room dwelling.
Owner—Jas. W. Brazier, 1912 Blake St., Berkeley.
Architect—None.
\$2500

STATION
(3740) NE TELEGRAPH AVE AND Woolsey St., Berkeley. One-story gas station.
Owner—A. E. Libby, 1539 Henry St., Berkeley.
Architect—None.
\$2500

DWELLING
(3741) NO. 3025-27 WHEELER ST., Berkeley. Two-story 8-room dwlg.
Owner—C. Freeston, 2912 Fulton St., Berkeley.
Architect—None.
Contractor—H. Carlson, 1619 Parker St., Berkeley.
\$5670

DWELLING
(3742) NE AVENAL AND SIXTIETH Aves., Oakland. One-story 5-room dwelling.
Owner—J. T. Baugh, 2475 62nd Ave., Oakland.
Architect—None.
\$3500

DWELLING
(3743) N EXCELSIOR 20 W Chatham, Oakland. One and one-half-story 7-room dwelling.
Owner—Harry Gilling, 2242 13th Ave., Oakland.
Architect—None.
Contractor—Guy L. Brown, 2627 13th Ave., Oakland.
\$7500

DWELLING
(3744) W EIGHTY-SECOND AVE 200 N Plymouth, Oakland. One-story 3-room dwelling.
Owner—F. J. Lyman, 375 Broadway, Oakland.
Architect—None.
Contractor—R. A. Smith, 3445 Adeline St., Oakland.
\$1850

DWELLING
(3745) E FIFTY-FOURTH AVE 650 S E-11th, Oakland. One-story 3-room dwelling.
Owner—Joseph & Chas. Berlin, 1459 86th Ave., Oakland.
Architect—None.
\$1500

ALTERATIONS
(3746) NE COR. FOURTEENTH AND Jackson, Oakland. Alterations.
Owner—Merritt Estate.
Architect—None.
Contractor—F. T. Kennedy, 434 9th St., Oakland.
\$1850

DWELLING
(3747) N FORTIETH 65 E Market, Oakland. One-story 5-room dwlg.
Owner—Osbro & Raineri, 458 42nd St., Oakland.
Architect—None.
\$3000

GARAGE
(3748) F GRAND AVE 250 S Weldon, Oakland. Garage.
Owner—S. De Vorin, 3002 Telegraph Ave., Oakland.
Architect—None.
Contractor—J. B. Bishop, 811 Adams St., Albany.
\$1000

ALTERATIONS
(3749) NE THIRTEENTH AND JACKSON, Oakland. Alterations and additions.
Owner—M. M. Shaw, Peralta Apts., Oakland.
Architect—None.
Contractor—F. A. Muller, Syndicate Bldg., Oakland.
\$7000

DWELLING
(3750) S KALES AVE 80 W Broadway, Oakland. One-story 6-room dwelling.
Owner—C. J. Pfirang, 480 Forest St., Oakland.
Architect—None.
\$5500

DWELLING
(3751) S KEY AVE 220 W Parker Ave., Oakland. One-story 4-room dwelling.
Owner—Walter F. Bartt, 1709 Bridge Ave., Oakland.
Architect—None.
\$1500

DWELLINGS
(3752) N MANDANA BLVD 81 E Cairmar Oakland. Two one-story 3-room dwellings.
Owner—H. W. Haler, Syndicate Bldg., Oakland.
Architect—None.
\$2000 each

DWELLING
(3753) W SIXTY-FIRST AVE 235 N Peachill Blvd., Oakland. One-story 3-room dwelling.
Owner—E. Cronin, 1106 16th St., Okd.
Architect—None.
Contractor—O. R. Johnson, 3131 Talbot Ave., Oakland.
\$2000

DWELLING
(3754) E THIRTIETH AVE 130 N E-20th, Oakland. One-story five-room dwelling.
Owner—Mrs. Elizabeth Blair, 2014 13th Ave., Oakland.
Architect—None.
\$3000

DWELLING
(3755) E THOMAS 50 N Napa, Oakland. One-story 6-room dwelling.
Owner—C. J. Pfirang, 480 Forest St., Oakland.
Architect—None.
\$5500

DWELLING
(3756) NO. 1110 ALAMEDA, Berkeley
Two-story 7-room dwelling.
Owner—Paul C. Newell, 2922 Fulton St.,
Berkeley.
Architect—None. \$3500

DWELLING
(3757) NO. 2021 LOS ANGELES, Ber-
keley. Two-story 7-room dwlg.
Owner—Brooks Parker, 2922 Del Norte
St., Berkeley.
Architect—None. \$5000

DWELLING
(3758) NO. 19 MENLO PLACE, Ber-
keley. Two-story 5-room dwlg.
Owner—Thos. Tashberg, San Francisco.
Architect—None.
Contractor—Walters & Grove, San
Francisco. \$3000

ALTERATIONS
(3759) NO. 2165 SHATTUCK AVE.,
Berkeley. Alterations.
Owner—Hymans, Promises.
Architect—None.
Contractor—L. & D. Emanuel Co., 1531
Filbert St., S. F. \$1500

ADDITION
(3760) NO. 3028 SHATTUCK AVE.,
Berkeley. Addition.
Owner—Nancy Woodruff, San Francisco
Architect—None.
Contractor—C. F. Farrell, 2418 Roose-
velt St., Berkeley. \$1500

DWELLING
(3761) NO. 250 UPLANDS, Berkeley
One-story 6-room dwelling.
Owner—Anne T. Wood.
Architect—None.
Contractor—E. F. Henderson, 5744
Kittie Ave., Oakland. \$7000

ADDITION
(3762) E PATTERSON 160 S Harber
View, Oakland. Addition.
Owner—J. Blades, 4019 Patterson St.,
Oakland.
Architect—None. \$2000

DWELLING
(3763) S OUTLOOK 100 E Parker,
Oakland One-story 5-room dwlg
Owner—Jas. George, 7850 Foothill
Blvd. Oakland.
Architect—None.
Contractor—C. A. Curtis, 7820 Foothill
Blvd., Oakland. \$1500

DWELLINGS
(3764) N MANDANA BLVD. 122 E
Calmar, Oakland Two one-story
4-room dwellings.
Owner—H. W. Heller, Syndicate Bldg.,
Oakland.
Architect—None. \$3000 each

ALTERATIONS
(3765) NE THIRTY-FOURTH AND
Webster, Oakland. Alterations
and addition.
Owner—Mrs. Geo. Codding, 348 34th
St., Oakland.
Architect—None.
Contractor—E. T. Lesure, 11 Bridge
Road, Berkeley. \$2500

DWELLING
(3766) COLDEN ROAD, Oakland. One-
story 6-room dwelling.
Owner—John D. Mellas.
Architect—None.
Contractor—Jensen & Petersen, 3417
Adeline St., Oakland. \$5900

DWELLING
(3767) S FOOTHILL BLVD 50 E
Avalon, Oakland. One-story five
room dwelling.
Owner—E. R. Wolfried, 1167 Rhode
Island St., San Francisco.
Architect—None. \$3000

STORES
(3768) E BROADWAY 20 S 16th, Oak-
land. One-story stores.
Owner—S. H. Thompson, 176 Grand
Ave., Oakland.

Architect—None.
Contractor—W. M. Greuner, 176 Grand
Ave., Oakland. \$4000

DWELLING
(3769) S OUTLOOK 300 E Parker,
Oakland. One-story 4-room dwlg.
Owner—F. W. Coker, 7868 Key Ave.,
Oakland.
Architect—None. \$1400

APARTMENTS
(3770) W COLLEGE AVE 200 S Law-
ton, Oakland. Two-story 12-room
apartments.
Owner—W. H. Burritt, 5359 Manila
Ave., Oakland.
Architect—None. \$12,000

DWELLING
(3771) SE LAGUNA AND MONTANA,
Oakland. One-story 5-room dwlg.
Owner—F. C. Stober, 2455 Laguna Ave.,
Oakland.
Architect—None. \$2650

DWELLING
(3772) S E-TWENTY-SEVENTH 10 E
Twenty-fifth Ave., Oakland One-
story 4-room dwelling.
Owner—N. B. Miller, 2610 Orange Ave.,
Oakland.
Architect—None.
Contractor—J. F. Sutton, 4176 Quincey
St., Oakland. \$2500

DWELLING
(3773) SE VINCENT AND FIFTY-
sixth St., Oakland. One-story 5-
room dwelling.
Owner—C. W. Hickman, 5250 Chap-
mont, Oakland.
Architect—None.
Contractor—Charles A. Doane, 3833
Telegraph Ave., Oakland. \$1000

DWELLINGS
(3774) SW FIFTY-SIXTH & CLARE-
mont, Oakland. Two one-story 5-
room dwellings.
Owner—J. F. Chambers, Plaza Bldg.,
Oakland.
Architect—None. \$2500

SHOP
(3775) N E-TWELFTH 75 E 20th
Ave., Oakland. One-story machine
shop.
Owner—Express Buffer Works.
Architect—None.
Contractor—Edw. Dustin, 1725 Ber-
keley Way, Berkeley. \$1500

DWELLING
(3776) W PARK BLVD 143 N Brook-
lyn, Oakland. One-story 5-room
dwelling.
Owner—L. C. Fish 1443 2nd Ave., Okd
Architect—None. \$4500

DWELLING
(3777) SE ALLENDALE & THIRTY-
ninth Ave., Oakland. One-story
4-room dwelling.
Owner—M. Madisa.
Architect—None.
Contractor—J. B. Petersen, 2652 38th
Ave., Oakland. \$3000

DWELLING
(3778) LOT 16 GEO. W. EMMS
Tract, Ala. 2-story frame dwelling.
Owner—A. P. Jordan, Alameda.
Architect—Chas. W. McCall, Central
Bank Bldg., Oakland.
Contractor—H. C. Andersen, 1229 Pearl
Alameda.

Filed Aug. 30, '22. Dated Aug. 22, '22.
Frame up \$1546.50
Ready for lath 1546.50
Plastering 1546.50
Mill work completed 1546.50
C & A 1546.50
35 days 2577.50
TOTAL COST, \$10,210
Bond, none; sureties none; forfeit, none
limit 90 days; specifications, yes; plans
filed, yes.

DWELLING
(3779) N JEAN bet. Santa Clara and
Perry, 40x200, Oakland. All work
for dwelling.

Owner—Herman Land Mary Shafer,
475 Jean St., Oakland.
Architect—F. H. Stoccombe and E.
Field, 1st Savings Bank Bldg., Okd.
Contractor—Home Constr. Co., 2133
University Ave., Berkeley.
Filed Aug. 30, '22. Dated Aug.—, '22.
On 1st of each month 75%
Usual 35 days 25%
TOTAL COST, \$7700
Bond, none. Limit, 120 days. Forfeit,
none. Plans and specifications, none.

DWELLING
(3780) E GROVE ST., 199 S 33 ST.,
Oakland. One-story and basement
dwelling.
Owner—Alice V. Koppel, 3130 West St.
Oakland.
Architect—none.
Contractor—Oliver Legault, 3007 Mar-
ket St., Oakland.

Filed Aug. 30, '22. Dated Aug. 30, '22.
Frame up \$4
Brown Coated 4
Completed 4
35 days 4
TOTAL COST, \$4000
Bond, none; sureties, none; forfeit,
none; limit, 90 days; specifications and
plans filed.

DWELLING
(3781) NO. 2772 ACTON, Berkeley.
One-story 5-room dwelling.
Owner—Giles Noon.
Architect—None.
Contractor—Roy O. Long Co., 2114
Shattuck Ave., Berkeley. \$4250

ALTERATIONS
(3782) NO. 2214 CHAPEL Berkeley.
Alterations.
Owner—Dr. A. J. Sanderson, 2222
Chapel St., Berkeley.
Architect—None.
Contractor—W. E. Whalin, 323 Lester
Ave., Oakland. \$1250

ALTERATIONS
(3783) NO. 2728 HASTE ST., Berkeley.
Alterations and additions.
Owner—H. S. Patton, 2966 Telegraph
Ave., Berkeley.
Architect—None. \$5000

DWELLING
(3784) NO. 1824 MONTEREY ST., Ber-
keley. One-story 6-room dwelling.
Owner—Henry M. Hink, 699 Feralita
Ave., Berkeley.
Architect—None.
Contractor—Gustaf Johanson, 1357
Northside St., Berkeley. \$7000

DWELLING
(3785) NO. 1437 TENTH ST., Berkeley.
One-story 5-room dwelling.
Owner—Chas. A. Werner, 2416 10th St.,
Berkeley.
Architect—None. \$2000

DWELLING
(3786) W. BROOKLYN AVE 200
S. Kingsland. One-story five-room
dwelling.
Owner—Carl S. Frederickson, 542
Montclair.
Architect—None. \$3500

DWELLING
(3787) S 41TH ST 100 E SHAFTER.
Two 1-story 3-room dwellings.
Owner—Victor Frenzl, 518 41th St.
Architect—None.
Contractor—Johnson & Dewese, Syndi-
cate Bldg. \$1600 each

DWELLING
(3788) N HOLWAY 150 E 55TH AVE.
One-story 5-room dwelling.
Owner—Chris Loretz.
Architect—None.
Contractor—Castle & Peters, 1710 E
20th St. \$3150

DWELLING

(3789) NE COR McKINLEY & MONT-
clair. One-story 8-room dwelling.
Owner—F. H. Wilson.
Architect—None.
Contractor—Dahlill & Turner, 1666 67th
Ave. \$5000

FOUNDRY

(3790) PT 19TH AVE. One-story found-
ry.
Owner—Calif. Foundries Co.
Architect—None.
Contractor—H. J. Christensen, Federal
Building. \$1000

DWELLINGS

(3791) E RAWSON AVE 137 & 170 S
Lyon. Two 1-story 5-room dwlg.
Owner—P. J. Healy, 39 Nace Ave., Pied.
Architect—None. \$3000 each

DWELLING

(3792) SW COR. 61ST AVE and foot-
hill Blvd. One-story 5-room dwlg.
Owner—Hill & Walters, 1600 11th St.
Architect—None. \$3000

DWELLING

(3793) E 73rd AVE 630 & 670 N E-11th
St. Two 1-story 5-room dwlg.
Owner—A. Stenbro, 3312 Laguna
Architect—None. \$3000 each

DWELLING

(3794) W THOMAS 144 S NAPA. One-
story 5-room dwelling.
Owner—C. Gorin, 5367 Thomas.
Architect—None.
Contractor—E. M. Williamson, 3731 Al-
lendale Ave. \$3240

DWELLINGS

(3795) S E-24th ST 125 & 175 W 19th
Ave. Two 1-story 5-room dwlg.
Owner—Walter Lufschmidt, Federal
Building.
Architect—None. \$3500 each

DWELLING

(3796) N E-TENTH 50 W Forty-first
Ave., Oakland. One-story 4-room
dwelling.
Owner—Bertram S. Booth, 91 Nova
Drive, Piedmont.
Architect—None.
Contractor—S. A. Warner, 1508 41st
Ave., Oakland. \$2000

DWELLING

(3797) W WESLEY AVE 100 S Mer-
ritt, Oakland. One-story 6-room
dwelling.
Owner—H. P. Fisher, Syndicate Bldg.,
Oakland.
Architect—None. \$5000

DWELLING

(3798) E GILBERT 300 S John, Oak-
land. Two-story 9-room dwlg.
Owner—Wm. Sims.
Architect—None.
Contractor—John R. Faulkes, 9828 E-
11th St., Oakland. \$11,800

ALTERATIONS

(3799) SW HIGH AND FOOTHILL
Blvd., Oakland. Alterations and
additions.
Owner—M. Eggers.
Architect—None.
Contractor—A. H. Rose, 525 17th St.,
Oakland. \$10,000

APARTMENTS

(3800) SW HIGH AND FOOTHILL
Blvd E 79th St, 63, Oakland. Plumb-
ing and heating for two-story
frame apartments.
Owner—Martin Eggers, 1755 High St.,
Oakland.
Architect—Gordon Reede.
Contractor—H. G. Newman, 552 16th
St., Oakland.
Filed Aug. 31, '22. Dated Aug. 25, '22.
Roughed in \$865
Completed and accepted 865
Usual 25 days 577
TOTAL COST, \$2307
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed

(3801) ELECTRIC WORK ON ABOVE
Contractor—Leydecker Bros., Alameda.
Filed Aug. 31, '22. Dated Aug. 11, '22.
Roughed in \$150
Completed and accepted 150
Usual 35 days 105
TOTAL COST, \$405
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

DWELLING

(3802) NO. 5367 THOMAS ST., Oak-
land. All work except concrete
work for one-story 5-room dwlg.
Owner—C. Gorin.
Architect—None.
Contractor—E. M. Williamson, 3731
Allendale Ave., Oakland.
Filed Aug. 31, '22. Dated Aug. 30, '22.
Roof on 1
Plastered 1
Carpenter work completed 1
All bills paid 1
TOTAL COST, \$3240
Bond, limit, forfeit, none. Plans and
specifications filed.

DWELLING

(3803) LOT 1 and Ptn Lot 3 Blk "D"
Lakeshore Terrace, Oakland. All
work for two-story and basement
frame dwelling.
Owner—Fannie M. Greene and Bernard
Silverstein.
Architect—Morrow & Garren, Chroni-
cle Bldg., San Francisco.
Contractor—James L. Rich, 943 42nd
St., Oakland.
Filed Aug. 31, '22. Dated Aug. 31, '22.
Sheathed 1
Plastered 1
Completed and accepted 1
Usual 35 days 1
TOTAL COST, \$9380
Bond, none. Limit, 120 days. Forfeit,
none. Plans and specifications filed.

CAFETERIA

(3804) SE FRANKLIN 398 NE Four-
teenth NE 54th SE 150, Oakland.
Steel and iron for two-story con-
crete cafeteria.
Owner—Mrs. H. H. Crane, Jennie M.
Hammond, Mrs. S. G. Hammond and
E. F. Cuerin (Colonial Cafeteria
Co.).
Architect—A. Reinhold Denke.
Contractor—Central Iron Works.
Filed Aug. 30, '22. Dated Aug. 28, '22.
Steel for mezzanine erected, \$2155.75
Completed and accepted 2155.75
Usual 35 days 1438.50
TOTAL COST, \$3590.25
Bond, none. Limit, 40 days. Forfeit,
\$25. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Aug. 31, 1922—SW COR. THIRTY-
eighth Ave. and Hopkins St., Oak-
land. A. Holm. E. H. Adams
Aug. 31, 1922—LOT 23 & 24 BLK 17
map No. 8 Regents Park, Albany.
Anton J. Tesar. Aug. 28, 1922
Aug. 31, 1922—W GRAND AVE. 150
N Veldon St. 50x128. Rosa Dans-
kanen. M. F. Soumarstrom
Aug. 30, 1922—SW NEVIL 80 SE
Harrington Ave SE 46xSW 125,
Oakland. William Retzer to whom
it may concern. Aug. 25, 1922
Aug. 28, 1922—SW 10 LOT 43 and NE
30 Lot 44 Amended Map Rhoda
Tract, Oakland. Will N Taylor to
L. E. Shmonds. Aug. 28, 1922
Aug. 28, 1922—LOT 20 North Chris-
tiana Tract, Albany. H. Elmer
Johnson to whom it may concern
Aug. 28, 1922—N 41 LOT 13 BLK 6,
Amended Map Portion La Loma
Park and Wheeler Trct. Peckerley.
Valeria G Kaun to Gastman-Mal-
lett Co. Aug. 26, 1922

Aug. 25, 1922—SW FOURTEENTH
32 34 35th Ave SE 50xSW 100,
Oakland. A S Watson to Marshall
& Burks. Aug. 19, 1922
Aug. 26, 1922—S FOURTEENTH AVE
1491 W 19th Ave W 40xS 140, Oak-
land. Wilmetta Curtis, A B and
Bertha May Gligax to whom it may
concern. Aug. 19, 1922
Aug. 26, 1922—W BAKER 71 S Rus-
sell W 88xS 37 E 88xS 10 35.50,
Berkeley. Chas Rollar to Rollar &
Stoner. Aug. 21, 1922
Aug. 26, 1922—LOT 13 L & L Map
Foothill Park, Oakland. Lillian E
McCord to T J McCord. Aug. 25, 1922
Aug. 26, 1922—LOT 16 BLK "O"
Amended Map Moss Tract, Oak-
land. C O Schroor to T J McCord
Wiser. Aug. 25, 1922
Aug. 26, 1922—WEST BERKELEY,
Southern Pacific Co to Hutchinson
Co. Aug. 21, 1922
Aug. 26, 1922—PARKER ST., Ber-
keley. Southern Pacific Co to
Hutchinson Co. Aug. 21, 1922
Aug. 26, 1922—LOT 2 BLK "S" Re-
vised Map Oakland Heights, Oak-
land. Bertha Graves to Gordon
Wiser. Aug. 25, 1922
Aug. 26, 1922—LOT 10 BLK 23, Mel-
rose Heights, Oakland. Alfred E
Williams to whom it may concern
Aug. 26, 1922
Aug. 25, 1922—NE E-FOURTEENTH
and NW Stanley Ave NW 781.80
NE 1032.49 SE 780.50 SW 1031.69,
Oakland. Durant Motor Co of Cal
to whom it may concern. Aug. 15, 1922
Aug. 25, 1922—LOT 26 BLK 17, Map
Lakeshore, Highlands, Oakland.
Fred Kameny to Gosh Randall
Aug. 25, 1922
Aug. 25, 1922—NE 2 1/2 LOT 33, All
Lot 31 Map Key Route Heights,
Oakland. Elizabeth Folk Powell
to A Anderson. Aug. 16, 1922
Aug. 25, 1922—LOT 3 BLK 2, Brook-
dale Terrace Tract, Oakland. A T
Kuy to whom it may concern.
Aug. 25, 1922
Aug. 25, 1922—LOT 4 BLK 2, Brook-
dale Terrace Tract, Oakland. A T
Kuy to whom it may concern.
Aug. 25, 1922
Aug. 25, 1922—PTN LOT 47 BLK C
Map Elmwood Park, Berkeley.
Olive Fager to whom it may con-
cern. Aug. 24, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Aug. 31, 1922—SE SUNNYSIDE DR
482 NE E-Fourteenth NE 40 SE
177.89 SW 40 NW 179.92, San Le-
andro. Swift & Co vs Darling
Harding & Co. \$207.40
Aug. 31, 1922—SE STOKES AVE
570 SW E-14th SW 40 SE 151.32
NE 40 NW 151.24; (2) SE Stokes
Ave 610 SW E-14th SW 40 SE
151.41 NE 40 NW 151.22; (3) SE
Stokes 650 SW E-14th SW 40 SE
151.50 NE 40 NW 151.41; (4) SE
Stokes Ave 690 SW E-14th SW
40 SE 151.58 NE 40 NW 151.50; (5)
SE Stokes Ave 730 SW E-14th SW
40 SE 151.67 NE 40 NW 151.58, San
Leandro. Leo Brischner, 3176;
Ambrose Bros, 762.65 vs Darling
Harding & Co. \$762.65
Aug. 31, 1922—NE E-FOURTEENTH
and SE Sunnyside Drive SE 50xNE
123, San Leandro. Swift & Co vs
Darling Harding & Co. \$763.53
Aug. 31, 1922—SE STOKES AVE
690 SW E-Fourteenth SW 40 SE
151.58 NE 40 NW 151.50, San Le-
andro. Swift & Co vs Darling
Harding & Co. \$762.65
Aug. 31, 1922—SE STOKES AVE 570
SW E-14th SW 40 SE 151.32 NE 40
NW 151.24, San Leandro. Swift &
Co vs Darling Harding & Co. \$662.30

Aug. 31, 1922—SE STOKES AVE 750 SW E-14th SW 40 SE 151.67 NE 40 NW 151.58, San Leandro. Swift & Co vs Darling Harding & Co., \$645.26
 Aug. 31, 1922—SE STOKES AVE 650 SW E-14th SW 40 SE 151.59 NE 40 NW 151.41, San Leandro. Swift & Co vs Darling Harding & Co., \$615.40
 Aug. 31, 1922—SE STOKES AVE 616 SW E-11th SW 40 SE 151.41 NE 40 NW 151.32, San Leandro. Swift & Co vs Darling Harding & Co., \$659.46
 Aug. 31, 1922—N SUNNYSIDE DR 465 N E-14th SW 40 SE 151.50 SW 40 SE 151.56, San Leandro. Swift & Co vs Darling Harding & Co., \$579.89
 Aug. 31, 1922—S 15 LOT 215 and NE 25 Lot 216 Map 4th Ave Terrace Extension, Oakland. William MacDougal vs A. Peterson, Joe and Bella Moyle, \$306
 Aug. 31, 1922—N DERRY WAY Map 10th S N 125-W 39, Berkeley. D. T. Griffith (S. at Berkeley) Elec Shop vs Chester and E. V. Nicholls, \$39
 Aug. 28, 1922—S MILLS AVE 70 W College Ave, Oakland. C. C. Lassen vs E. S. Loring, T. C. Brackett and Brackett & Co., \$156
 Aug. 28, 1922—LOT 228 BLK 536 Map 4th Ave Terrace Extn, Oakland. Earl Rymur Co vs W. L. Gallagher and J. F. Silva, \$86
 Aug. 28, 1922—LOT 45 Arnold Blvd Tract, Oakland. John Bernhardt vs Theodore and Hans M. Rasmussen, \$179.24
 Aug. 28, 1922—NW SEVENTH AND Campbell N 104XE 57-8, Oakland. A. F. Hutschmidt vs Vincent H. Westoff and Moody & Parker, \$142.35
 Aug. 26, 1922—LOT 228 BLK 536 Map Fourth Avenue Terrace, Oakland. The California Door Co vs J. P. Silva and W. L. Gallagher, \$233.70
 Aug. 25, 1922—S 45.25 LOTS 7, 8 and 9 and Lot 6 Blk E Map Sunnyslope Tract, Oakland. Henry Cowell Lime & Cement Co vs R. L. Rowley and C. C. Williams, \$329.72

Notice of Non-Responsibility

ALAMEDA COUNTY

Aug. 25, 1922—LOTS 4 AND 5 BLK 4, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.
 Aug. 25, 1922—LOT 6 Map Resubdivision Blk C Creek East Orchards, Eden Tp. H. W. Meek Estate, Inc as to improvements on property.
 Aug. 25, 1922—LOT 16 BLK 21, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.
 Aug. 25, 1922—LOT 2 and SW 12 1/2 Lot 3 Blk 24, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.

BUILDING CONTRACTS

FRESNO COUNTY

\$5,000 and Over Reported

ADDITION
 SCHOOL DISTRICT near Fresno. All work for one-story frame addition to school building.
 Owner—Alameda Elementary School District.
 Architect—Ernest J. Kump, Rowell Bldg., Fresno.
 Contractor—Archib De Mant, Fresno.
 Filed Aug. 24, '22. Dated Aug. 22, '22.
 As work progresses, 75%
 Usual 35 days. Balance
 TOTAL COST, \$4025
 Bond, \$—, Surety, 90% Price and G. W. Rutledge, Limit, 35 working days. Forfeit, none. Plans and specifications filed.

SCHOOL
 SCHOOL DISTRICT, Fresno. All work for two frame class room schools. School District.
 Owner—Washington Union High Architect—Swartz & Ryland, Rowell Bldg., Fresno.
 Contractor—L. C. Irwin and Wm. Hopkins, Fresno.
 Filed Aug. 24, '22. Dated Aug. 7, '22.
 1/4 completed, \$1122.50
 3/4 completed, 1122.50
 Completion, 1122.50
 Usual 55 days. TOTAL, \$1122.50
 Bond, none. Limit, 30 working days. Forfeit, \$10 per day. Plans and specifications filed.
 RESIDENCE
 LOTS 16 AND 17 BLK 13, Roeding Heights, Fresno. All work for frame residence.
 Owner—Greenlan Howard.
 Architect—Swartz & Ryland, Rowell Bldg., Fresno.
 Contractor—Berton & Wolff, Bank of Italy Bldg., Fresno.
 Filed Aug. 24, '22. Dated July 7, '22.
 Semi-monthly payments of \$700
 Upon completion, \$3200 including previous payments.
 TOTAL COST, \$4200
 Bond, \$3000. Surety, Fidelity & Guaranty Co. Limit, 75 working days from July 10, 1922. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
 Aug. 24, 1922—LOTS 1 AND 2 BLK 25, Belmont Addition, Fresno. Prayos Eros to whom it may concern, Aug. 22, 1922
 Aug. 26, 1922—WINCHELL, JOHN Burroughs, Heaton and Lafayette School Sites, Fresno. Board of Education of City of Fresno to whom it may concern, Aug. 24, 1922
 Aug. 23, 1922—LOT 37 BLK 4, Piverdale Addition, Fresno. Arthur J. Spörfling to whom it may concern, Aug. 21, 1922
 Aug. 23, 1922—LOTS 10 AND 11 BLK 4, Hix, Ad'n, Fresno. J. A. S. Schottbauer to whom it may concern, Aug. 22, 1922

LIENS FILED

FRESNO COUNTY

Recorded Amount
 Aug. 26, 1922—LOT 27, Arlington Trct., Fresno. J. F. Hudson vs John F. and Gladys R. Hart, \$106

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

\$2500 and Over Reported

RESIDENCE, \$3950; E. Mendocino St., Stockton; owner, North Stockton Town Lot Co.
 RESIDENCE & store, \$5200; W. Poplar St., Stockton; owner, Daisy P. Quarrier, 1249 N-Lincoln St., Stockton.
 RESIDENCE \$2500; S-Peralto St., Stockton; owner, Jose Santana.
 3 RESIDENCES & GARAGES, \$2950 each; N. Oak St.; owner, G. T. Storey, 648 E. Main St., Stockton.
 STORE BLDG., \$16,600; E. Market St., Stockton; owner, Louis Jacobs, 437 E. Fremont St., Stockton.
 STORE BLDG., \$10,632; portions of lots 1 and 3, in block 12, east of Center St., Stockton; owner, Morris and Max Levy; contractor, Hammett & Harry, Limit, 30 working days. Received Aug. 22, 1922

PLUMBING for shop and gymnasium alterations, \$13,623; lots 151, 152, 153 and 154, Burkett Acres, Community, Stockton; owner, Board of Education, Stockton; architect, Louis L. Stone, Belding Bldg., Stockton; contractor, Miller Hays Co., 125 N. California. Limit, 60 working days. Received Aug. 22, 1922.

ALTERATIONS, shop and gymnasium, \$119,207; Lots 151, 152, 153 and 154 Burkett Acres Community, Stockton; owner, Board of Education; architect, Louis L. Stone, Belding Bldg., Stockton; contractor, J. F. Shepherd, E. H. Riley, Yosemite Bldg., Stockton. Limit, 250 working days. Received Aug. 22, 1922.

HOTEL, \$5000; E-Main St., Stockton; owner, Elsie F. McMullin.
 RESIDENCE and garage, \$4700; W-Peet St., Stockton; owner, J. A. Farrow, 235 S-Madison St., Stockton.

RESIDENCE, \$4000; W-Park St., Stockton; owner, Leo Sarrattner.

RESIDENCE, \$2500; E-Market St., Stockton; owner, H. E. Vickroy, 127 E-South St., Stockton.

HOTEL, \$3900; S-El Dorado St., Stockton; owner, Elsie F. McMullin.
 OFFICE BLDG., \$21,500, Channel and California Sts., Stockton; owner, L. Caletini.

BUILDING, one-story, \$4470; Lot 12 Blk 18, Stockton; owner, Daisy B. Quarrier, 1249 N-Lincoln St., Stockton; contractor, Angus F. Salfield, 260 E-Sanoma Ave., Stockton.

STORE BLDG., \$3500; N-Sutter St., Stockton; owner, E. F. Walker, Bennett Apts., Stockton.

RESIDENCE, \$4700, N-Stockton St., Stockton; owner, Wm. Penstra, 125 Kensington Way, Stockton.

RESIDENCE, \$2500; N-Stockton St., Stockton; owner, Wm. Penstra, 125 Kensington Way, Stockton.

OFFICE and store building, \$9000; E-Main St., Stockton; owner, City Development Co., Stockton.

STORE ROOM, \$5900; E-Market St., Stockton; owner, Lafayette Syndicate.

REMODEL, \$2500, N-Sutter St., Stockton; owner, Mrs. L. Raggio, 45 W-Margolia, Stockton.

MILK STATION, \$4700, N-Union St., Stockton; owner, Taylor Milk Co.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
 Aug. 24, 1922—E 37 1/2 LOT 14 W 27 1/2 Lot 16 Blk 12, Yosemite Terrace, Stockton. Neil I. Ross to O. H. Chan, Aug. 24, 1922

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
 Aug. 24, 1922—LOT 21 BLK 13, East Stockton Addition, Stockton. J. Santama vs Charles S. Hart, \$178.50

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2500 and Over Reported

DWELLING, one-story 5-room and garage, \$3500; No. 1555 49th St., Sacramento; owner, H. Harvey, 1816 F St., Sacramento; contractor, Rewen & Son, 1816 F St., Sacramento.
 ALTERATIONS and additions to flats, \$2000; No. 1019 E St., Sacramento; owner, Mrs. R. S. Wales, Premises; contractor, J. A. Gale, 4425 Santa Barbara Ave., Sacramento.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Aug. 23, 1922—JTN LOT 26 BLK 4, Burlingame Plk No. 2, Burlingame, Louis K. Robertson to Louis R. Robertson, Aug. 22, 1922
 Aug. 23, 1922—JTN LOTS Y & X, Lik 5, Burlingame Terrace No. 2, Burlingame, Charles Hansen and Hugo Hultgren to whom it may concern, July 10, 1922
 Aug. 23, 1922—LOT 5 BLK 25, Lyon & Hugo bldg., Burlingame, Gertrude A. Makowski to James Makowski, Aug. 22, 1922

BUILDING CONTRACTS

SANTA CLARA COUNTY

\$1,000 and Over Reported

RESIDENCE & GARAGE, SOUTHWEST CORNER THE ALAMEDA and Singletary Ave., San Jose, Cal. All work on 2-story frame residence and 1-story frame garage.
 Owner—Warren H. Pomeroy, Lulia Apis, San Jose, Cal.
 Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose, Cal.
 Contractor—J. E. Perkins, 1652 E. Santa Clara St., San Jose, Cal.

Filed Aug. 10, '22. Dated Aug. 8, '22. Found in lumber on ground, \$5537
 Frame is erect 3537
 1st coat of plaster is on 3537
 When all completed, 3537
 Usual 35 days, 4716
 TOTAL COST, \$18,864

Bond, \$10,000; sureties, Otto E. Schnabel and A. L. Hubbard, forfeit, none; limit, 120 working days from date of commencement. Plans and specifications filed Aug. 10, 1922.

DWELLING, LELAND STANFORD JR. UNIVERSITY, Palo Alto. All work for two-story and basement frame dwelling with garage.
 Owner—C. F. Tolman Jr., Stanford University, Palo Alto.
 Architect—John K. Bauer, 251 Kearny St., San Francisco.

Contractor—E. Zimmerli, Palo Alto.
 Filed Aug. 23, '22. Dated Aug. 10, '22. Excavation, concrete work in, \$1825
 Rough framing completed and roof rafters in, 1825
 Plastering completed, 3650
 Building completed, 3650
 Usual 35 days, 3650
 TOTAL COST, \$14,600

Bond, \$7500. Surety, American Surety Co. of New York, Limit, Forfeit, \$2 per day. Plans and specifications filed.

BUILDING, LOS GATOS AND SANTA CLARA RD., near San Jose. All work for one-story frame building.

Owner—Antonio S. and Rose S. Gularte, Architect—None.

Contractor—Wm. H. O'Neil, 500 N-15th St., San Jose.

Filed Aug. 23, '22. Dated Aug. 22, '22. Roof on and enclosed, \$797.50
 Plaster coat plaster on inside, 797.50
 House completed, 797.50
 Usual 35 days, 797.50

TOTAL COST, \$1390.00
 Bond, \$1500. Surety, Southern Lumber Co. of San Jose, Limit, 60 working days from Aug. 22, 1922. Forfeit, none. Plans and specifications filed.

LOS ALTOS. All work for one-story residence.

Owner—Miss Alice N. Wilkins, Prospect Ave., Los Altos.

Architect—Birge M. Clark, 600 E. Barcadero Road, Palo Alto.

Contractor—Geo. Jacobsen, Palo Alto.

Filed Aug. 24, '22. Dated Aug. 23, '22. Frame completed, etc., \$931.25

Plumbing, electric and mill work in, 2931.25

Upon completion, 2931.25

Usual 35 days, 2931.25
 TOTAL COST, \$8125.00

Bond, \$4065. Sureties, H. P. Hansen and John Hansen, Limit, 100 working days from Aug. 24, 1922. Forfeit, none. Plans and specifications filed.

BUILDING, PALO ALTO. All work for building.

Owner—Zachariah G. Jones, Palo Alto.

Architect—None.

Contractor—John Duffield, Palo Alto.

Filed Aug. 22, '22. Dated Aug. 11, '22. Cash, \$4000

As job progresses, 1250
 TOTAL COST, \$5250

Bond, none. Limit, 90 working days from Aug. 14, 1922. Forfeit, none. Plans and specifications filed.

DWELLING, MAY FAIR SUB., San Jose. All work for four-room frame dwelling.

Owner—Antone Boskovich, 127 Page St., San Jose.

Architect—None.

Contractor—Geo. W. Humphrey, 363 Prevest St., San Jose.

Filed Aug. 22, '22. Dated Aug. 17, '22. On signing contract, \$395

When signing are on, 542

Plastering completed, 542

Dwelling completed, 542

Usual 35 days, 675
 TOTAL COST, \$2700

Bond, limit, forfeit, none. Plans and specifications filed.

HEATING, ETC., LOS GATOS. All work for heating and ventilating school building.

Owner—Los Gatos School District, Los Gatos.

Architect—Wyckoff & White, Growers' Bldg., San Jose.

Contractor—W. K. Nottingham, Oakland.

Filed Aug. 22, '22. Dated July 14, '22. As work progresses, 750

Usual 35 days, 275
 TOTAL COST, \$1037.50

Bond, \$1037.50. Surety, The Fidelity & Casualty Co. of New York, Limit, 160 working days from July 14, 1922. Forfeit, \$5. Plans and specifications filed.

BUNGALOW, HANCHETT RESIDENCE PARK, San Jose. All work for five-room bungalow and garage.

Owner—Philip Elum, San Jose.

Architect—None.

Contractor—Ed. Delma-stro, San Jose.

Filed Aug. 23, '22. Dated Aug. 23, '22. Frame of outside and inside walls erected, \$1375

Outside and inside walls covered with brown mortar, 1375

Building completed, 1375

Usual 35 days, 1375
 TOTAL COST, \$5500

Bond, \$2750. Sureties, Otto E. and A. L. Schnabel, Limit, 90 working days from Aug. 28, 1922. Forfeit, none. Plans and specifications filed.

DWELLING, one and one-half-story 3-room and garage, \$1500; owner, C. E. 41st St., Sacramento; owner, C. E. Gubler, 2014 E St., Sacramento; contractor, W. L. Chatterton, 1042 42nd St., Sacramento.

WOODSHED, \$5000; No. 1720 29th St., Sacramento; owner, Sunset Lumber Co., Stockton Blvd., Sacramento; contractor, F. Maloney, 1041 U St., Sacramento.

DWELLING, one-story 5-room, \$5500; No. 1219 D St., Sacramento; owner, F. W. Arnold, Premises.

DWELLING, 3, six-room, \$4700; No. 2421 F St., Sacramento; owner, J. L. Lane, 605 N St., Sacramento; contractor, M. F. McKenzie, 1126 T St., Sacramento.

DWELLING, one-story 5-room and garage, \$4600; No. 2800 22nd St., Sacramento; owner, H. F. Smith, Prem. contractor, Coleman & Holmes, 2624 35th St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Aug. 22, 1922—W 1/2 LOT 7 O. P. 25th Aug. 29th Sts., Sacramento John I. King I and Mary I Silva to whom it may concern, Aug. 18, 1922

LIENS FILED

SACRAMENTO COUNTY

Recorded Aug. 23, 1922—W 1/2 LOT 4, 2 R. 9 and 10, Sacramento. Paul Mott vs. W. A. Butler and E. E. McQueen, \$128.71
 Aug. 23, 1922—W 1/2 OF S 1/2 LOT 5, J. K. 22nd & 23rd Sts., Sacramento Phil Mott vs. W. A. Butler and E. E. McQueen \$170
 Aug. 25, 1922—W 1/2 LOT 1, T. V. 11th and 12th Sts., Sacramento. A. R. Atkinson vs. Fred Neuman, A. R. Vicker and C. Valine \$549.90

BUILDING CONTRACTS

SAN MATEO COUNTY

3 BUNGALOWS, LOTS 4, 5 AND 6, BLOCK 37, EASTON Add. No. 2, Burlingame, Cal. All work on 3 bungalows—1-story and basement.

Owner—Armando Pantaleoni, 332A Alabama St., San Francisco.

Architect—Frank Valentine.

Filed Aug. 16, '22. Dated Aug. 16, '22. Roofed, each \$1166.65

Plastered, each 1166.65

Completed, each 1166.65

Usual 35 days, 1060.00
 TOTAL COST, \$12,680

Bond, \$6340; sureties, Paul Schmidt and Fred J. Madden; limit, 90 working days. Plans and specifications filed.

RESIDENCE.

LOT 18, BLOCK 12, BURLINGAME, All work on 2-story frame residence.

Owner—Robert W. Dodd, 1516 Carol St., Burlingame.

Architect—Kuhn & Edwards, 833 Market St., San Francisco.

Contractor—C. H. Bessett Bldg. Co., Kelly St., Burlingame.

Filed Aug. 16, '22. Dated Aug. 11, '22. Roofed, \$2604

Browned, 2604

Accepted, 2604

Usual 35 days, 2604
 TOTAL COST, \$10,418

Bond, \$5209; sureties, Pryce & Kinsey and H. E. Bessett; forfeit, \$5; limit, 90 working days. Plans and specifications filed.

PIERCE-BOSQUIT
Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Aug. 28, 1922—SAN JOSE. John Harvey to whom it may concern
.....Aug. 26, 1922
Aug. 22, 1922—HANCHETT. Residence Park, San Jose. Theodore Kluge to whom it may concern
.....August 19, 1922
Aug. 22, 1922—SAN JOSE. Mrs. M. S. Lane to A. J. Nielsen. Aug. 21, 1922
Aug. 23, 1922—NO. 189 E-EMPIRE St., San Jose. Walter A. and Emmeline May Edwards to whom it may concern. Aug. 23, 1922

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, \$1500. E. McLaughlin bet. Clinton and Sierra Sts., Richmond; owner, East Richmond Heights Land Co. 7 M. A. Hays, 2301 Macdonald Ave., Richmond; contractor, K. J. Henning, 546 S. 43rd St., Richmond.
DWELLING, one-story frame, \$1500. E. McLaughlin St. bet. Sierra St., Richmond; owner, East Richmond Heights Land Co. 2301 Macdonald Ave., Richmond; contractor, K. J. Henning, 546 S. 43rd St., Richmond.
STORE BLDG., one-story brick, \$11,200. E-Ninth St. bet. Macdonald and Nevins, Richmond; owner, Dr. Hall Vestal, 728 Macdonald Ave., Richmond; contractor, Carl Overaa, 2165 Roosevelt Ave., Richmond.
DWELLING, one-story frame, \$4000. NW Eighth and Maple, Richmond; owner, Eugene Noel, 234 7th St., Richmond; contractor, K. J. Henning, 29th and Clinton Sts., Richmond.
DWELLING, one-story frame, \$2000. N Roosevelt St. bet. 11th and 11th Sts., Richmond; owner, W. Frazier, 1003 Roosevelt Ave., Richmond; contractor, J. C. Thornton, 532 5th St., Richmond.
STORE, one-story frame, \$5750; SE Cor. Barrett and San Pablo, Richmond; owner Ray City Home Builders, 24 Montgomery St., San Francisco; contractor, Geo. Wagner, 251 Kearny St., S. F.

STORES AND OFFICES

(Continued from Page 11)

Figures to Be Taken Shortly.
OFFICE BUILDING. Cost—SALT LAKE CITY, Utah, Main and 2nd South St.
Twenty-story Class A bank and office building.
Owner—Continental Bank and Bank of Republic, Consolidated.
Architect—Geo. E. Kelham, Sharon Bldg., San Francisco.

PARADISE, Butte Co., Cal.—Until Sept. 19, 10 A. M. bids will be received by G. C. Billie, Secretary, Paradise Irrigation District in construct office building. See call for bids under official proposal section in this issue.

THEATRES

Contract Awarded.
THEATRE. Cost, \$100,600. FRESNO, Fresno Co., Cal.
Class A theatre.
Owner—Wm. Harrison, Fresno.
Designer & Contractor—Thos. J. Mooney, Palace Hotel, Fresno.
Mr. Mooney is in the market for pamphlets and catalogs on theatre supplies also structural steel; brick fireproofing; asbestos curtain; revolving stage; glazed terra cotta for fronts, etc.

OFFICIAL PROPOSALS

(Continued from Page 14)

NOTICE TO CONTRACTORS

(Theodore Roosevelt High School)

Office of the Secretary of the Board of Education of the City of Oakland.
Sealed bids will be received by the Board of Education of the City of Oakland, City Hall, Oakland, California, until the 11th day of September, 1922, at 4:30 o'clock P. M., at which time said bids will be opened, for the erection and completion of a new building for the THEODORE ROOSEVELT HIGH SCHOOL of the Oakland School District and Oakland High School District, located on the two block extending from 19th Avenue to 20th Avenue and from East 18th Street to East 20th Street, Oakland, California.

Separate bids will be received for:
1. GENERAL WORK, including Excavation and Grading, Concrete, Brick and Terra Cotta, Carpenter Work, Miscellaneous, Ornamental and Structural Iron Work, Sheet Metal Work, Built-up Roofing Work, Elevator Work, and Interior Equipment Work.
2. TILE ROOFING.
3. LATHING AND PLASTERING.
4. PAINTING.
5. PLUMBING.
6. HEATING AND VENTILATING.
7. ELECTRICAL WORK.

Plans and specifications for said work are on file at the office of the Architect and the Board of Education, 2149 Broadway, Oakland, California.

On a deposit of Twenty-five (\$25) Dollars, said plans and specifications may be had by any prospective bidder for one of the branches of work above listed. These plans and specifications may be retained as follows:

1. General Work, fourteen (14) days.
2. Tile Roofing, three (3) days.
3. Lathing and Plastering, seven (7) days.
5. Plumbing, seven (7) days.
6. Heating and Ventilating, seven (7) days.

If the plans and specifications are not returned to the Architect within the time above specified, or are returned in a mutilated or damaged condition, the deposit will be forfeited and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Architect, or be signed by the bidder, accompanied by a certified check, certified to by some responsible bank or banker, and made payable to J. W. Edgemond, Secretary of the Board of Education, to be retained by the said School Districts as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or to make good the bond required. The amount of said check shall not exceed Five Thousand (\$5,000) Dollars, but for all bids of less than Fifty Thousand (\$50,000) Dollars, said check shall be at least ten (10) per cent of the amount of the bid. Each bid shall be accompanied by an affidavit executed in a form that can be obtained from the Architect. Bids will be opened by the Board of said Districts on the 11th day of September, 1922, at 4:30 o'clock P. M., in the Board Room, 211, second floor of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

J. W. EDMOND,
Secretary of the Board of Education of Oakland, California.

BUY IT FROM THE NAVY

On September 7, 1922.

6,017,410 Board Feet of Unused Lumber
Consisting of approximately:
36,200 ft. Ash, white
1,964 ft. Bass
545,500 ft. Beech, Birch and Maple
78,700 ft. Butternut
1,740,000 ft. Cedar

129,000 ft. Cypress
1,413,304 ft. Douglas Fir
23,000 ft. Hickory
2,846 ft. Mahogany
1,253,800 ft. Oak
1,181,700 ft. Pine
6,000 ft. Poplar
62,000 ft. Redwood
427,100 ft. Spruce
3,000 ft. Walnut

NOTE: The above dimensions are given in board measure. The lumber runs in various thickness, widths and lengths.

40,000 lbs. Guyacan, 12-in. diam. and up.
75,548 lbs. Lignum Vitae, in logs and shapes.
8,500 Spruce Laths, Size $\frac{1}{2}$ x $1\frac{1}{2}$ x 4-in.
2,526 Junger Poles, 5-12-in. butts, 25-50 ft. long.
75 Hickory Butts, 6-8-in. diam. 6-10 ft. long.
1,280 Hackmatack Knees, various sizes and degrees.

Full descriptions and locations of this lumber, also the terms of sale, are given in Cat. 124-B, which may be obtained on request, and inspection arranged for, by communicating with any of the following:

- Supply Officers at Navy Yards or Naval Stations indicated by (*).
(1) Portsmouth, N. H.
(2) Philadelphia, Pa.
(3) Charleston, S. C.
(4) Boston, Mass.
(5) Norfolk, Va.
(6) Key West, Fla.
(7) Mare Island, California.
(8) Puget Sound, Wash.
(9) Newport, R. I.
(10) Naval Air Station, Pensacola, Fla.*
(11) Naval Training Station, Great Lakes, Ill.*
(12) Submarine Base, New London, Conn.*
(13) Board of Survey, Appraisal and Sale, Supply Depot, So. Brooklyn, N. Y.

U. S. Navy Sales Representatives
(14) 215 Westminster Bldg., Chicago, Ill.
(15) 827 Shipping Board Bldg., New York, N. Y.

Bids must be in the form given in the above Cat. 124-B, and should be plainly marked and addressed to the office designated above, where they will be publicly opened at

11 A. M. (Standard Time), 7 Sept., 1922, U. S. NAVY CENTRAL SALES OFFICE, NAVY YARD, WASHINGTON, D. C.

NOTICE TO CONTRACTORS

(Alameda County Hospital Additions)

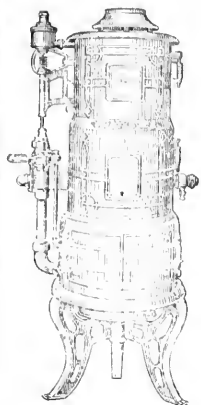
Office of the Clerk of the Board of Supervisors, Alameda County, California.

Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County at his office, until Tuesday, September 5th, 1922, at 10 o'clock A. M. (the day when said bids will be opened and the contract awarded) for the erection and completion of Addition and Alterations to the Isolation Ward, etc., together with Covered Connecting Walks, at the County Hospital, near San Leandro, Alameda County, California.

Complete plans and specifications for work on file in the office of the County Clerk in the Hall of Records Building in Oakland, and copies may be obtained by depositing twenty-five dollars. Contracts will be restricted as to the length of time these plans may be retained to ten days. Contractors failing to return said plans and specifications within said time limit will forfeit their deposit.

Each bid must be accompanied by a check for at least ten per cent of the amount of the bid or proposal, certified to by some responsible bank, and made payable to Geo. E. Gross, Clerk of the Board of Supervisors, to the County of Alameda, as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the contract.

The Board reserves the right to reject any or all bids.
(Seal.) GEO. E. GROSS,
Clerk of the Board of Supervisors of the County of Alameda.
Dated: August 7, 1922.



A "Pittsburg" Automatic Gas Water Heater installed in the home indicates high quality throughout.

Recommended and specified by all of the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg complied with "Pittsburg Perfect Service."

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Prompt Service

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Plumbing
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Electrical
Contractor

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San Francisco

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of builders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

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560 Mission Street

SAN FRANCISCO, CALIF., SEPTEMBER 9, 1922

Published Every Saturday
Twenty-second Year No. 36

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Economy*

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*Appearance
Comfort*

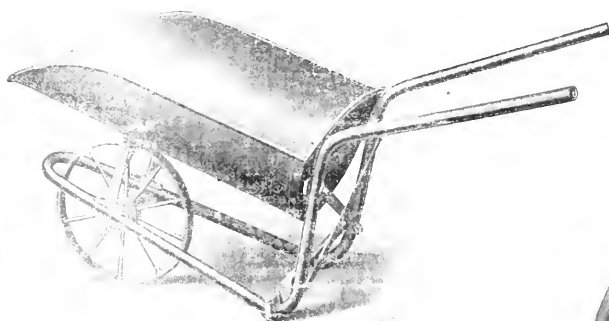
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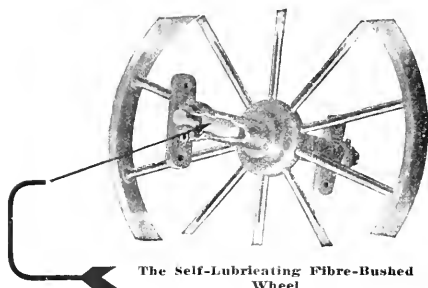
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LOS ANGELES

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., SEPTEMBER 9, 1922

Twenty-second Year No. 36



No. 560 Mission Street,
San Francisco, Calif.

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Official Paper of Vallejo Builders' Exchange

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Congress of March 3, 1879.

HUGH T. ROBERTS OF JUDSON MFG. COMPANY DIES

Hugh T. Roberts, chief auditor and credit manager of the Judson Manufacturing Co., died Sept. 4, in his home at 810 Masonic Avenue, San Francisco, after a brief illness. He was 56 years old. Roberts was born in Wales and came to this country at an early age. He had been in the employ of the Judson Manufacturing Company for the past 27 years. He was one of the organizers of the Cynrodorion Society of California and held the office of first secretary.

Surviving Roberts are his wife and three sons, Roland Roberts, well-known tennis player; Trevor Roberts and Norman Roberts.

COMPETITIVE PLANS FOR HOME OF SEATTLE ELKS

Architects Charles H. Bebb, James Schaack and E. Marcus Pretoria of Seattle have been named to represent the Washington State Chapter of the American Institute of Architects in formulating plans for the proposed B. P. O. E. 11,000-odd building competition among architects.

The Seattle Elks are contemplating the construction of a huge structure on the northwest corner of Fourth avenue and Madison street, and recently suggested a competition among architects. The architect submitting the best drawings for the projected building would receive a substantial prize in addition to being awarded the commission to prepare working drawings.

Experimenters are planning to obtain large quantities of pulp for making paper and of industrial alcohol from the Mexican plant the fibre of which is made into sisal hemp.

Civil Engineers to Discuss Power Development at October Meet in S. F.

(By A. T. Parsons, Associate Member American Society of Civil Engineers)

Hydro-electric development will be the subject of the coming meeting of the American Society of Civil Engineers, which will be held at San Francisco during the first week in October. The meeting will be attended by prominent members of the engineering profession from all parts of the country.

Special interest attaches to this meeting because it marks the abandonment by the American Society of Civil Engineers of its time-honored policy of holding but two general meetings during the year—the annual meeting in January at the New York headquarters, and the annual convention, largely social, at some selected point. Of the fifty-one conventions that have been held, up to the present time, only four were at Pacific Coast cities—two in San Francisco, in 1896 and 1915, and one each at Seattle and Portland, in 1912 and 1920, respectively.

Beginning with the present year, however, the society has adopted a plan similar to that followed by the other great national engineering societies, and is holding four meetings a year at various points throughout the country. That San Francisco should be selected as the place for one of the first meetings under the new plan is significant of the growing country-wide recognition of the importance of the Pacific Coast.

All sessions of the San Francisco convalesce will be held at the Palace Hotel. Preliminary meetings of the board of direction of the society will be

held Monday and Tuesday, October 2 and 3. The general meeting of the entire society will be formally opened Wednesday morning, John A. Britten delivering the address of Welcome. Technical sessions will be held Wednesday morning and evening and Thursday morning. Among the prominent visitors who will deliver addresses are A. P. Davis, director of the United States Reclamation Service and former president of the society, who will discuss the Boulder Canyon Project, and F. E. Matthes, of the United States Geological Survey, who will talk in Surveying and Map Making by Aeroplane. Local engineers on the program include F. H. Fowler, district engineer for the United States Forest Service, and John D. Galloway.

Wednesday and Thursday afternoons will be devoted to excursions to nearby points of interest. Thursday evening there will be a dinner and smoker, at which Professor Charles D. Marx, head of the department of civil engineering at Stanford University, will preside.

The remainder of the week will be devoted to an excursion to Hetch Hetchy, leaving San Francisco Thursday evening at the conclusion of the smoker. The party will arrive in the mountains the following morning and will spend Friday and Saturday in going over the various parts of the Hetch Hetchy project, visiting also the Don Pedro dam, now being built by the Modesto and Turlock irrigation districts. Those who wish to do so will then continue on to the Yosemite Valley, while the others will return to San Francisco, arriving Sunday morning.

MATTHEWS' COMPANY AWARDED SACRAMENTO FILTRATION WORK

The Matthews Construction Co., of Sacramento, at a bid of \$779,951, has been awarded the contract by the Sacramento city commissioners to construct the rapid sand filtration plant and appurtenances, being the filtration plant portion of the Pumping and Filtration works of the City of Sacramento, comprising the construction, complete, of sedimentation and coagulation basins, giving an aggregating capacity of approximately 10,500,000 gallons; eight rapid sand filters of concrete, having a nominal capacity of 32,000,000 gallons a day, a superstructure over the operating gallery of the filters, a headhouse for administration purposes in which there is also a 200,000 gallon elevated steel water tank for filter washing purposes; a concrete pump having a capacity of approximately 200,000 gallons, a coagulant building and outside piping, excavation and embankment and roadways and paths.

Following are approximate quantities of materials involved in the work: 14,500 cu. yds. concrete; 477 concrete piles; 870 tons of reinforcing material; 17,500 cu. yds. excavation; 6000 cu. yds. rolled fill; 300,000 cu. yds. of general fill or embankment. In addition to the above features a considerable amount of building construction and mechanical equipment, including cast iron pipe and fittings, gate valves, sluice gates, hydraulic and electrical controlling devices, gauges, conveyors, pulverizers, etc., are involved. George J. Calder is resident engineer for the project.

PLASTERERS' SCHOOL IN OAKLAND WILL BE ENLARGED

In an effort to supply the constantly increasing demand for plasterers, the industrial relations committee of the Chamber of Commerce is making preparations for doubling the capacity of its plasterers' school.

Carpenters have commenced the construction of an additional number of miniature rooms and a second instructor, Albert Van Halprin, has been employed.

The school has been in operation for seven weeks and has graduated 15 apprentice plasterers who are now employed in this city. In the estimation of the industrial relations committee, there is still a demand for nearly 50 apprentices and it is the intention to operate the school until this demand is cared for when it will be disbanded.

Experience in the school has shown that it requires from a month to six weeks to teach the average student sufficient of the rudiments of plastering to make him an apprentice. He then is placed on the job at a wage of \$2 per day and should qualify as a journeyman plasterer in from nine months to one year. The scale of wage for journeymen plasterers is \$10 per day.

Edw. Woods, who has been instructor at the school since it was first opened, will continue in charge. Woods and Van Halprin will divide the class into two equal parts of about 12 each.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Establishing a record for a seven months' period, building in Fresno for the calendar year to the close of August totaled more than \$5,600,000, according to figures compiled by the department of public works. During the month just passed permits were issued for \$333,578 in new buildings and \$23,826 for alterations and repairs, a total of \$357,404. This represents a gain of 10 per cent over the same month a year ago and an increase of \$70,000 over a July. The grand total for the year is nearly three and a quarter million ahead of the first seven months of 1921. Upward of 80 per cent of the new construction is for homes, apartments and flats, according to the figures of James Antor, building inspector. The number of buildings covered by the permits was 161, or an average of \$22,550.

Building activities in Sacramento for the month of August totaled \$867,046, according to Building Inspector Ben H. Cowell. During the month 264 permits were issued, and of these 46 were for one-story dwellings costing \$123,842; 9 2-story (12 family) dwellings, \$78,800; 3 2-story buildings, \$22,600; 1 4-flat building, \$14,500; and 3 apartment structures, \$25,000. One business structure costing \$160,800, and a state public building costing \$370,000 are also included in the August activities.

A. E. Cowell recently resigned the office of county surveyor of Merced county to give his entire time to the engineering and architectural firm of Mayo, Cowell & Bissell, of Merced and Stockton. The firm is now occupying new offices in the Bank of Italy Bldg., Merced. Mr. Cowell was for 20 years surveyor of Merced county.

J. Burdette Brown, who for the past several years has been connected with the State Department of Engineering in the capacity of irrigation, has resigned his position with the State Government to join the Extension Department of the University of California. He will be employed in special irrigation work.

The Safety Concrete Incinerator Co., Los Angeles, has been permitted by Commissioner of Corporations, Edwin M. Daugherty, to issue 100 shares to Joseph Feigenbaum in exchange for certain property and to sell 150 shares at par, \$100, for cash, so as to net 80 per cent. The shares issued to Feigenbaum are to be deposited as an escrow.

Raymond I. Richardson, of Reading, Pa., has been appointed Assistant Professor in the Department of Architecture at Carnegie Institute of Technology, Pittsburgh. His duties begin with the fall semester of 1922.

Paul Kingsbury, a New York architect, has opened an office at 1840 1/2 S. New Hampshire Ave., Los Angeles, for the practice of architecture, and desires catalogs and information about building materials.

There are approximately 33,000 saw mills in the United States, employing normally 700,000 men in woods and mill operations, according to a recent report of a joint congressional commission.

Carl J. Warnecke, of the firm of Miller and Warnecke, Oakland architects, has opened an office in Marysville. The firm has several contracts in that vicinity.

Trustees of Crocker School District Contra Costa County, will call election to vote bonds of \$250,000 to finance construction of new school.

Jason R. Meek has been elected county surveyor of Yuba county, defeating L. B. Crook.

Alameda building activities in August totaled \$129,509, according to Eugene Maillot, building inspector.

Palo Alto building permits for August totaled \$109,856 as compared with \$66,007 for August, 1921.

The E. K. Wood Lumber Co. will add 300 ft. on the north to its present wharf facilities at Los Angeles harbor.

Building in Reno, Nevada, for August totaled \$51,500.

Building permits in Taft, Kern county, for August totaled \$35,890.

OPERATION OF "OPEN SHOP" IN OKLAHOMA CITY

(By J. B. Landers, Manager of Open Shop Division of Oklahoma City Chamber of Commerce).

Prior to the open shop activities in Oklahoma City the usual disturbances caused by jurisdictional disputes with restrictions of production were constantly arising.

It is through the efforts of the open shop division that disputes of this nature have been eliminated and the union card is no longer the sole qualification for a man to work at his vocation or trade in Oklahoma City, as the methods upon which the open shop activities are carried on are as follows:

"In Oklahoma City the open shop stands on the platform of non-discrimination, and is essential for the welfare of future generations. American industry must be kept 'open' to craftsmen and apprentices and for the youth of the land, regardless of union or non-union membership.

"There are employers who would exclude all union men. Union leaders demand that all non-union men be excluded. Either method is contrary to the principles of the open shop and regardless of the sensibilities of organized employers or organized labor the American public is justifiably against both as violating the principles of human liberty. The open shop does not deny the right of either to organize, but upholds the right of every man to work without interference by bodily attack or otherwise at any lawful occupation without any other's leave, and when any man is denied the right to work and live by that work, individual liberty and freedom in America is destroyed.

"The open shop opposes any system of conscription and confiscation which seeks the organized exclusion from American industry of all unorganized.

"The open shop upholds the in-

dividual rights of all liberty loving, free American employees and employers and condemns the employer who would masquerade under the open shop for the purpose of crushing and destroying labor, to the same extent as the labor leader who in the name of labor, would confiscate American industry by intimidation, coercion, and violence, and establish a despotism which would reach past human conception. Shall the United States remain open or become a closed shop nation and change its laws to that end?"

S. F. CHAMBER, A. A. E. FLAYS POWER ACT

The San Francisco Chapter, American Association of Engineers, at its meeting September 5 adopted without a dissenting vote, a resolution opposing the passage of the proposed California water power act, after hearing a report of the special committee appointed by the chapter to investigate the hydro-electric situation in California with reference to the provisions of the act.

The report, characterizing the act as being so "drawn as to encourage rather than limit the board in the improper use of its powers," and as being in many ways objectionable, was approved and the thanks of the chapter extended to the committee.

Stating that the purpose of the act "is the domination of the hydroelectric industry by the state," the report sums up the conclusions of the committee by saying that the act is not needed, that it would not result in permanently cheaper rates to the consumer, and that its workability is open to serious question.

President W. H. Phelps, of the chapter, turned the chair over to J. J. Rosedale, construction engineer of the department of safety, California Industrial Accident Commission, who acted as chairman of the special committee. The report was read by Charles H. Lee, consulting engineer and member of the committee, who explained that the engineers comprising the body had commenced their work of research and investigation six months ago with open minds, but that their study of the question, including the Ontario hydroelectric project and similar enterprises, had convinced them that the proposed act is dangerous and autocratic.

Lee, concluding his declaration, is now under existing conditions for such an act, enumerating the economic disadvantages of its provisions and the difficulty of amending the act, the report said further.

"The act involves an unjust principle of taxation, since all the people and property owners of the state pledge their full faith and credit for the payment of interest and principal of bonds which benefit local areas. Default of the part of the consumers under State projects is not a remote possibility, as evidenced by the many partial or complete failures of district irrigation projects to meet their financial obligations, and the well known difficulties of the U. S. reclamation service in collecting assessments from settlers in spite of small installments and long terms."

The report further contends that: "On account of the large number of employees and the great variety of patterns of the administration of the act would offer unique opportunities for political activity."

Serving on the committee which drew up the report were: J. J. Rosedale, department of safety of the Industrial Accident Commission; Donald M. Baker, hydraulic engineer of the State Department of Public Works; E. E. Carpenter, consulting engineer; Charles H. Lee, consulting engineer, and George Mattis, consulting engineer.

An organization of Belgian scientists will award a prize of about \$4000 next year for the best original work in French or English on the scientific advance of electricity and its technical applications.

Builders' Day a Huge Success; Five Thousand Attend Three Day Outing at Capitola

The third annual builders' Day outing held under the auspices of the Builders' Exchange of San Francisco, September 2, 3 and 4 at Capitola-by-the-Sea, was a huge success. More than five thousand members of the building fraternity, together with their wives, sweethearts and children attended the three day festival. Every branch of the construction industry was represented—architects, engineers, contractors and material dealers—from every section of the State.

The program as outlined by the Committee on Arrangements was carried out as scheduled thereby making the outing a three day session of continuous enjoyment. Bathing and games during the day—dancing, games and auto rides in the evening. Not a minute was lost and everyone had a good time. Every body was on the Hospitality Committee.

Prizes were distributed to winners of the various contests in addition to those who attended and did not take part in the many games. The prizes, donated by members of the San Francisco building fraternity, ranged from a carload of sand and rock, one thousand

and brick, electric cooking appliances, etc., down to a paint brush or a nickel plated soup dish. Prize awards of building materials were made with the idea of educating the public as to what the building interests in California have to offer when one answers the call of the San Francisco Forward Movement—"Now is the Time to Buy and Build."

The outing opened Saturday evening with a reunion dinner and dance at Hotel Capitola, following which, the ladies and gents were initiated into the ancient, nerve racking, mystic, alluring and musical lodge of the Black Alley Cats, No. 13. Immediately following, the initiation and roaring midnight the famous "Builders' Midnight Follies" entertained.

Sunday, a fishing trip was enjoyed by many expert anglers while others spent their time in sight-seeing, boating and bathing. Athletic events were witnessed during the balance of the morning following which luncheon was served at Hotel Capitola. Following lunch and a series of table talks and other amusements the crowd retired to the beach where the Bathing Girls' Revue was staged.

Gate prizes were then distributed. The Ladies' Nail Driving Contest and swimming and canoe races followed the afternoon. Then a public wedding followed by the Ladies' Bobbed Hair Revue. The dinner at the Hotel Capitola followed by a bon-fire and community singing on the beach. Commencing at nine P. M. and continuing into the late hours of Monday morning a concert, entertainment and dance were held in the Hotel Capitola ball room.

Monday, September 4th, opened with a sight-seeing trip, bathing and boating, horse-shoe throwing contest, rock throwing contest by the ladies and brick-kicking contest for men and women. A trip to the famous Big Tree Grove near Santa Cruz, the property of Harry Cowell of the Cowell Lumber & Cement Company, closed the outing.

Credit for the success of the outing is due to the committee who devoted considerable time and labor and to the directors of the San Francisco Builders' Exchange who contributed financial aid. And last but not least to the donors of prizes, which prizes exceeded \$2,500 in cost.

"Builders' Day" as Seen by the Observer

"Builders' Day" at Capitola was held under the auspices of the San Francisco Builders' Exchange. It was a big success. If you were not among those who attended kick yourself and wake up to find that you not only associate with men who can figure a set of plans, furnish material, put up the building and then howl for payments, but with men who can entertain, and royally.

Al Durbrow, whose place of business is No. 2 Market St., did the rounds "cementing" regulations with the old timers.

The Community Sing on the Beach brought out the fact that we have many good singers in addition to those featured in the Builders' Exchange Quartette.

Hubert Lynch said: "Who'd think the building interests could put over a stunt like this."

Steve Guerin said the outing was a great success but it should have lasted a week.

Al White says the "moon" in Capitola was better than his almanac reported it would be.

Everybody visited Room 16—yea, and then came back for more.

Jim P. Dunn, while taking in the Bathing Revue, with a sigh, declared: "Beauty is more than skin deep."

Geo. Dixon, of Old Mission Cement fame, was as busy as a doctor in a "flu" epidemic. George did some good work.

"Now is the time to Build and Buy." The boys did not build but all did buy.

Edna Sargent Gosliner, president, Mrs. Lloyd Bowman, vice president of the Santa Cruz Post, American Legion, Unit 64, were surprised at the way the builders responded to the call for the sale of \$50 worth of tickets for the benefit of the Santa Cruz Post. The sale totaled more than \$100. The ladies, through this column, extend their thanks.

R. B. Cleghorn is a busy man when he's in the city. But you should see him going through the work as a member of the committee on arrangements.

Berry Bros. donated 4 quarts of Lux-emberly White Enamel. The fellow who won the prize said: "Anything but the 'varnish' they are selling these days."

N. A. Dickey witnessing the Bathing Revue, exclaimed: "Heaven on Earth!"

T. E. (Pop) McNulty wants to know when and where the next Bathing Girls' Revue is to be put on.

The Midnight Follies consisted of the Builders' Exchange Quartette; Elmer Gallagher and his "dawg"; Louis Ferry of the Atlas Concrete Co.; Francis Watt, of the Watts Electric Co.; and E. J. Cardinal, of Mercury Press.

Dexter, secretary of the Richmond Builders' Exchange, wasted a lot of time waiting for an encore of the Bathing Girls' Revue.

Did you meet all the attorneys at Capitola? Joe McShane, Leon Samuels and Charlie McDonald.

Arthur J. Falvey was there with the Mrs. and daughter.

E. H. Preuer, of Smith-Booth-Usher, was there with the family. Mrs. Preuer took second prize in the Bathing Revue.

Con Roman, whose business is paint, witnessing the Bathing Revue, said "Look at those flappers flap."

A. H. Wincheole, Richmond plasterer, was there and rendered the boys a few songs.

Did Al Durbrow introduce you to "Billie"?

Shepherd, Riley and O'Keefe, representing the Stockton Exchange, were there with the ladies and children.

W. C. Thurman, of Soquel, wants to thank the National Surety Co., of San Francisco, for the \$20 cash prize.

The brick-kicking contest for women was good, that is, the materials they worked with were of the best. After witnessing this contest all agreed that the woman's place is in the home and not requiring the brick work in a steam boiler or underpinning a building in the skyscraper district.

Al Taylor was there and had everything but whitewash.

Jim Fennell, witnessing the Bathing Revue, admitted "fine feathers don't make the fine birds" but declared bathing suits do.

Bill Gowdell, the hub in the wheel of the Cowell Lime and Cement Co., never missed a step. Here, there and everywhere. Bill saw it all and without a "penny."

Many of the boys during the early hours of the morning insisted on singing "How Dry I Am," though there was no reason for it.

Al Fontenella says the boys sure showed some speed in the brick-kicking contest. Stacked 'em faster than Carter could make liver pills.

Everybody knew the party in Room 16. "They was nice people."

Clarence Pratt, who is always gossiping about sand, rock, etc., forgot his usual chatter and worked 24 hours a day to make the outing a success.

C. E. Rhinehart, who handles the Bathing Girls' Revue at the next outing, otherwise he's off the committee.

E. M. Hundley gave the Prize Committee a fishing pole. Fellow who won it said he never caught a fish in his life and never expected to go fishing.

Steve Guerin says committee work is not pleasant work. Steve was doing committee work in another part of the grounds and saw only a portion of the Bathing Girls' Revue.

"Builders' Day" an appropriate name. The sky was the limit.

The Bathing Girls' Revue established the fact that the building fraternity has a large and "chunky" following. Maids of the Golden West of all shapes, weights widths and heights took part in this affair and the judges only after considerable scrutiny (mostly by scrutiny) awarded the liberation. Agreed upon the prize award should this performance be repeated at the next annual outing the writer suggests that the committee have available several hundred pairs of handcuffs and a similar number of ball and chain attachments to be used on those in the audience that have not yet witnessed such an exhibition.

John Downes, master worked fast in the Ladies' Brick-kicking Contest, and while she did not win, all admit she made a good showing.

The Ladies' Nail Driving Contest furnished laughter for an hour or more. Complaints were made by the contestants that nails and hammers should have larger heads; the nails sharper points and hammers should be equipped with handles that will not cause the hands to blister with such little use. This contest proved that women cannot work on finished lumber.

At Courts, of Central Iron Works fame was there with the family.

(Continued on Page 20)

Building News Section

APARTMENT HOUSES

Plans Being Prepared.
APARTMENT HOUSE Cost, \$200,000
SAN FRANCISCO, NW Jackson and Laguna Sts.
 Nine-story reinforced concrete apartment house (9 8-room apartments) and basement and garage.
 Owner—Joseph E. Levin, San Francisco, and S. Levin, New York.
 Architect—C. A. Neussdorffer, Humholdt Bank Bldg., S. F.

Plans Being Prepared—Figures to be Taken Shortly.
APARTMENTS Cost, \$—
SAN FRANCISCO, N Eddy Street near Hyde Street.
 Six-story reinforced concrete apartment house (71 rooms, 34 2-room apts. and 1 3-room apt.)
 Owner—C. Grillo, of the Standard Invest. Co., 948 Market St., San Francisco.
 Architect—Wm. Beasley, 948 Market St., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, \$—
SAN FRANCISCO, NW Eddy and Hyde Streets.
 Three six-story reinforced concrete apartment house buildings (43 rooms, 20 2-room apts. and 1 3-room apt.)
 Owner—C. Grillo, Standard Invest. Co., 948 Market St., San Francisco.
 Architect—Wm. Beasley, 948 Market St., San Francisco.

Plans Being Figured.
APARTMENTS Cost, \$—
SAN FRANCISCO, S O'Farrell St. bet. Hyde and Polk Streets.
 Three six-story reinforced concrete apartment houses (one to contain 71 rooms, 34 2-room and 1 3-room apts. and the other two 13 rooms each).
 Owner—C. Grillo, Standard Invest. Co., 948 Market St., San Francisco.
 Architect—Wm. Beasley, 948 Market St., San Francisco.

Contract Awarded.
APARTMENTS Cost, \$33,000
SAN FRANCISCO, E Powell 49-6 N Sacramento.
 Five-story and basement concrete (9) apartments.
 Owner—J. T. Murphy.
 Architect—Sylvain Schnattacher, 233 Post St., San Francisco.
 Contractor—Barrett & Hilt, 918 Harrison St., San Francisco.

Contract Awarded.
APARTMENTS Cost, \$40,000
CAN PLANT, S. O. E Jones Street 50 N Washington Street.
 Three-story and basement frame (12) apartments.
 Owner—Mayde Arguello, Los Altos, Cal.
 Architect—None.
 Contractor—Harry C. Warwick, 3191 Washington St., San Francisco.

Contract Awarded.
APARTMENTS Cost, \$25,000
SAN FRANCISCO, E Taylor Street 27-6 S Broadway.
 Two-story and basement frame (8) apartments.
 Owner—E. M. A. Santelle, 159 Sutter St., San Francisco.
 Architect—None.
 Contractor—John Kincannon, 159 Sutter St., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, \$40,000
OAKLAND, Alameda Co., Cal. San Pablo Ave. near Cowper St.
 Reinforced concrete store and (40) apartments.
 Owner—Winfield
 Architect—W. E. Schimer, Thayer Bldg Oakland.

Segregated Figures To Be Taken This Week.

APART. HOUSE Cost, \$75,000
SAN FRANCISCO, E Leavenworth S Ellis.
 Five-story reinf. conc. apt. house (30 2-room apartments).
 Architect—A. H. Knoll, Hearst Bldg., San Francisco.
 Segregated figures will be taken on all parts of the work except the electrical work, which was awarded to the Wedel Elec. Co.

Contract Awarded.
APARTMENT Cost, \$18,000
OAKLAND, S Beacon St., 300 N Excelsior.
 Two-story 18-room apartment bldg.
 Owner—Thos. J. Rea, 1017 American Bank Bldg., Oakland.
 Architect and contractor—W. J. Wilkenson, American Bank Bldg., Oakland.

APARTMENTS Cost, \$25,000
 Contract Awarded.
SAN FRANCISCO, Sixteenth Ave. near Fulton Street.
 Three-story and basement frame apartment house (6 4-room apts.)
 Owner—H. Marks.
 Architect—A. H. Knoll, Hearst Bldg., San Francisco.
 Contractor—F. Crothers, 1426 10th Ave., San Francisco.

Contracts Awarded.
APARTMENTS Cost, \$40,000
SAN FRANCISCO NW Pine and Joyce Streets.
 Three-story frame and plaster apartment house.
 Owner—Miss Minna D. Fischel.
 Architect—Ashley & Evers, 58 Sutter St., San Francisco.
 General Contract awarded to J. S. Simpson & Co., Monduck Bldg.
 Plumbing to Ahlback & Mayer, 35 Dorland St.
 Electrical Work to G. A. Metcalf, 307 Turk St.
 Heating System to Atlas Heating & Ventilating Co., 722 Freelon St.

BANKS

Plans Being Prepared.
ADDITION Cost, \$20,000
SAN ANSELMO, Marin Co., Cal.
 One-story brick addition to bank bldg.
 Owner—Bank of San Anselmo.
 Architect—S. Heiman, 57 Post St., San Francisco.

Contract Awarded.
ADDITION Cost, \$100,000
SAN FRANCISCO, SE Bush & Sansome.
 Addition of three stories to present 4-story office building and extensive alteration to present building.
 Owner—The Continental Ins. Co. & Fidelity Phoenix Fire Ins. Co., 433 California St., S. F.
 Architect—W. Hauselman, 37 South Wabash St., Chicago, Ill.
 Contractor—Leonard Co. str. Co., 56 Sansome St., S. F.

LOS BANOS, Merced Co., Cal.—Bids were received on Sept. 1 by the officials of the Bank of Los Banos for the construction of a two-story Class A conc. bank and office building to be erected in Los Banos on the corner of Sixth and Eye Sts., from plans prepared by the H. H. Winner Co., 503 Market St., San Francisco. All bids were taken under advisement until next week. Alternate is for pile foundation. R. W. Moller, Call Bldg., San Francisco \$85,000; alternate \$32,300. Jas. Sampson, San Francisco \$88,000, \$91,250; Frederickson & Shannon, Fresno, \$85,380, \$92,900; Finlayson Constr. Co., Los Banos, \$86,261, \$90,734; C. L. Wold, San Francisco, \$91,091, \$—; Monson Bros., San Francisco, \$92,430, \$94,296; Larsen &

Siegrist, S. F., \$92,000, \$97,000; Robt. Trost, S. F., \$95,340, \$98,635; Alfred Vogt, S. F., \$95,343, \$97,943; Taylor & Goerick, S. F., \$97,300, \$101,900.

NAPA, Napa Co., Cal.—The Fink & Schindler Co., 218 15th St., San Francisco, has been awarded a contract by the Bank of Italy for the bank fixtures in their new bank in Napa. Contract price, \$6900.

BONDS

UKIAH, Mendocino Co., Cal.—Bonds of \$40,000 voted in Round Valley School District to finance construction of new school building.

STOCKTON, San Joaquin Co., Cal.—Election will be held Sept. 22 in Shady Grove School District to vote bonds of \$25,000 to finance construction of new school. Trustees of district are: Chas. Ohrt, Birdie Alders, and Bertha Groves.

BANNING, Cal.—Until Sept. 19, bids will be rec. by City Clerk Theo. Backus for purchase of \$25,000 bond issue voted for municipal light and power plants.

CROCKETT, Contra Costa Co., Cal.—Crockett School District proposes to call election to vote bonds of \$250,000 to finance construction of a new school.

LIVE OAK, Santa Cruz Co., Cal.—Bonds of \$10,000 voted in Live Oak School District to finance construction of a two-room addition to present school.

SANGER, Fresno Co., Cal.—Election will be called to vote bonds of \$13,000 to finance purchase of fire engine and hose.

SANGER, Fresno Co., Cal.—Election will be called to vote bonds of \$13,000 to finance construction of fire house.

SANGER, Fresno Co., Cal.—City Trustees will call election to vote bonds of approximately \$80,000 for sewer improvements.

STEVENSON, Merced Co., Cal.—Election will be held shortly in Merquin Union Grammar School District to vote bonds of \$40,000 for school improvements.

FACTORIES & WAREHOUSES

Contract Awarded.
SHOE BLDG. Cost, \$11,500
SAN FRANCISCO, S. Howard 287-6 E. 6th.
 One-story concrete shop.
 Owner—Louis R. Lurie, Mills Bldg., S.F.
 Architect—O'Brien Bros. Inc., 240 Montgomery St., San Francisco.
 Contractor—F. L. Hansen, 251 Kearny St., San Francisco.

Plans Being Prepared.
FACTORY, ETC. Cost, \$125,000
SEATTLE, Wash. NW Railroad Ave. and Connecticut Street.
 Three-story masonry and mill construction factory and lofts.
 Owner—F. D. Black.
 Architect—John Nevin, Hoge Bldg., Seattle, Wash.
 Structure will be leased to Crescent Mfg. Co., Seattle, manufacturers of baking powder, etc., and Electric Storage Battery Co. of Philadelphia, Pa.

Work To Be Done By Day's Work.
MFG. PLANT Cost, \$12,000
SAN FRANCISCO, S. Bryant 329 E 3rd.
 One-story brick manufacturing plant.
 Owner—Samuel Schell, 180 Jessie St.,

Architect - E. J. Kemp & Co. Revell
Bldg., Fresno.
(43335) 1st report Aug. 19, 1922 E. J.

LEMOORE, Kings Co., Cal.—Dave Cahill, Lemoore, at approx. \$20,000 awarded contract to erect American Legion Hall. Structure will have frontage of 100 ft. Auditorium will be 50 by 100 feet.

HOSPITALS

Figures to be Taken Shortly.
NURSES' HOME Cost, \$40,000
SAN JOSE, Santa Clara Co., Cal.
Two-story and basement frame nurses' home (tile roof).
Owner—San Jose Hospital Ass'n.
Architect—Bridger & Curtis, 255½ S-1st St., San Jose.

Preliminary Plans Being Prepared.
ALTERATIONS Cost, \$117,500
MERCED, Merced Co., California.
Alterations and additions to hospital.
Owner—County of Merced, P. J. Thornton, clerk, Merced, California.
Architect—A. E. Cowell, Merced, Cal.

OAKLAND, Alameda Co., Cal.—Bids were received on September 5th, by Geo. E. Gross, Clerk of Alameda County, for the erection and completion of additions and alterations to the Isolation Ward, etc., together with covered connecting walks, at the County Hospital, near San Leandro.

Plans were prepared by Architect Henry H. Meyers, 1001 Bldg., San Francisco. The bids were taken under advisement.
M. E. Hopper & Son, 1117 Webster St., Oakland, \$51,913
E. T. Leiter & Son, Oakland, \$3,357

HOTELS

Plans Being Prepared.
COTTAGES, Etc. Cost, \$—
NEAR KELSO, Washington.
300 cottages and five hotel dormitories.
Owner—Long-Bell Lumber Co., Kansas City, Mo.
Architect—J. R. Nevin, Hoge Bldg., Seattle, and D. J. Meyers, Lippy Bldg., Seattle, Wash.

Contract Awarded on a Percentage Basis.
HOTEL, ETC. Cost, \$100,000
SAN PEDRO, Los Angeles Co., Cal. 6th and Center Streets.
Three-story Class C store and hotel building, 80x120.
Owner—Lazard Lippman.
Architect—Walker & Eison, Pacific Finance Bldg., Los Angeles.
Contractor—Wm. J. Const. Co., 732 W-11th St., San Pedro.
Sub-contracts for brick work, plumbing, heating, etc., will be let by the construction company.

LOS ANGELES, L. A. Co., Cal.—Arch H. H. Whiteley, 520 S. Western Ave., Los Angeles, is preparing plans and will supervise the constr. for a \$1,750,000 Spanish and Italian 7-story apartment hotel building on the Brokaw property, Hollywood Blvd., bet. Gower and Carlos Sts. and Ernonson Ave. Los Angeles, for the Davenport Corp. It will contain 117 rooms, divided into 270 apartments and 15 2-story independent studios, basement and sub-basement containing electric heating system, ice plant, 250 car garage, commissary grocery, barber shop, beauty parlors, tea rooms, laundry. Four wings, each 150x75 ft. lobby 50 ft. diameter in first story also 20 street shops, bank, palm room, club room, dining room, kitchen and 64x88 ft. auditorium. Four passenger and service elevators. Each apartment will have electric stove, refrigerator, dis. and davenport beds, tile baths and kitchens, part hardwood and ena. trim. Cross-shaped floor, 350x250 ft. steel frame, brick filler walls, stucco exterior, tile fl. Oriental rugs over tile corridor fls., tile lobby fl., found. landscaping, vacuum cleaning system. Each end apt. will have tile patio on the roof of the outer and lower apt. Mr. Whiteley will be in the east for 30 days examining equipment.

TRUCKEE, Nevada Co., Cal.—The Sierra Tavern, recently destroyed by fire, will be rebuilt next Spring, according to T. O. Hanrahan, proprietor, who proposes to erect a more modern and larger structure.

SAN BERNARDINO, San Bernardino Co., Cal.—Incorporation of the San Geronimo Hotel Co. has practically been completed as papers have been filed with corporation commissioner in Los Angeles. The proposed hotel, which is sponsored by the chamber of commerce, and for which Architect H. E. Jones, 405 Katz Bldg., Los Angeles, is preparing plans, will cost about \$400,000, all of which will be subscribed locally. The site is on E St., adjacent to the Stewart Hotel. Mt. Stewart is one of the promoters of the new project.

PUBLIC BUILDINGS

Figures to be Taken Shortly.
SERVICE BLDG. Cost, \$60,000
SAN JOSE, Santa Clara Co., Cal.
County Hospital Grounds.
Three-story and basement reinforced concrete service building.
Owner—Santa Clara County.
Architect—Bridger & Curtis, 255½ S-1st St., San Jose.

RESIDENCES

Plans Being Figured.
RESIDENCE Cost, \$7,500
SAN FRANCISCO, Forty-fifth Ave. S Geary St.
Two-story frame residence.
Owner—M. Hantalis.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

To Be Done by Day's Work.
RESIDENCES \$5000 each
SAN FRANCISCO, Forty-fourth Ave. and Point Lobos Ave.
Three one-story frame residences.
Owner—R. Monson.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

To Be Done by Day's Work.
RESIDENCES \$6500 each
SAN FRANCISCO, Forty-fifth Ave. S Geary Street.
Two frame residences.
Owner—Meyer Bros., 5325 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$9000
LOS GATOS, Santa Clara Co., Cal.
One and one-half-story frame and stucco residence and separate garage.
Owner—Dr. Ahern.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Plans will be sent out of figures on September 7th.

Figures to be Taken in a Few Days.
RESIDENCE Cost, \$9,000
SAN JOSE, Santa Clara Co., Cal. N-First Street.
One-story frame and stucco residence with tile roof.
Owner—J. T. Natoli.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

Segregated Figures Being Taken.
RESIDENCE Cost, \$12,000
BERKELEY, Alameda Co., Cal.
Stewart St. near College Ave.
Two-story frame and stucco residence (8 rooms and studio).
Architect—T. H. Slocumbe & E. Field, 1st Savings Bank Bldg., Oakland.

Plans Being Figured.
RESIDENCE Cost, \$12,000
OAKLAND, Alameda Co., Cal. Hollywood and Park in 4th Ave. Heights.
Two-story frame and stucco residence (9 rooms with double garage in basement).
Owner—John McIntyre.
Architect—T. H. Slocumbe & E. Field, 1st Savings Bank Bldg., Oakland.

Plans Being Prepared—Figures to be Taken in Two Weeks.
RESIDENCE Cost, \$8,000
BERKELEY, Alameda Co., Cal. Dominguez Ave.
Two-story frame and plaster seven-room residence.
Owner—Mr. Osborne.
Architect—T. H. Slocumbe and E. Field, 1st Savings Bank Bldg., Oakland.

Figures to be Taken in One Week.
RESIDENCE Cost, \$9,000
SAN JOSE, Santa Clara Co., Cal. Hanchett Park on Martin Ave.
One-story frame and stucco residence with shingle roof; separate garage.
Owner—A. Goldstein.
Architect—Wolfe & Higgins, Auzaire Bldg., San Jose.

Plans Being Prepared.
RESIDENCE Cost, \$6,500
SAN JOSE, Santa Clara Co., Cal. Clayton Avenue.
One-story 6-room frame residence.
Owner—Wm. Harwood.
Architect—Wolfe & Higgins, Auzaire Bldg., San Jose.

Plans Completed.
RESIDENCE Cost, \$9,000
SANTA ROSA, Sonoma Co., Cal.
Two-story frame and stucco residence.
Owner—C. E. Hunt.
Architect—Wolfe & Higgins, Auzaire Bldg., San Jose.

Figures to be Taken Next Week.
RESIDENCE Cost, \$8,000
LOS GATOS, Santa Clara Co., Cal.
Two-story frame and stucco residence.
Owner—F. W. Aust.
Architect—Wolfe & Higgins, Auzaire Bldg., San Jose.

Contract to be Awarded.
RESIDENCE Cost, \$14,800
PIEDMONT, Alameda Co., Cal.
Two-story frame and plaster residence and garage.
Owner—Harry Sengrave.
Architect—W. E. Schirmer, Thayer Bldg., Oakland.
Contractor—Fred Weston, 551 12th St., Oakland.
(43487) R 12

Figures to be Taken Shortly.
RESIDENCE Cost, \$14,000
PIEDMONT, Alameda Co., Cal.
Two-story frame and plaster residence.
Owner—Arthur Clark.
Architect—W. E. Schirmer, Thayer Bldg., Oakland.

Plans Being Figured.
RESIDENCE Cost, \$12,000
LOS GATOS, Santa Clara Co., Cal.
Two-story frame and plaster residence.
Owner—Winfield.
Architect—Bridger & Curtis, 255½ S-1st St., San Jose.

Figures to be Taken This Week.
RESIDENCE Cost, \$10,000
YUBA CITY, Sutter Co., Cal.
Two-story frame and stucco residence.
Owner—G. D. Williamson.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Preliminary Plans Being Prepared.
RESIDENCE Cost, \$10,000
MONTEREY, Monterey Co., Cal.
Two-story frame and plaster residence with tile roof.
Owner—A. J. Leutner.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Plans Being Prepared—Owner Will Take Figures for Work and Materials.
BUNGALOWS Cost, \$8000 each
OAKLAND, Hopkins St.
Eight frame and plaster bungalows.
Owner—B. A. Stewart, 437 Perkins St., Oakland.
Architect—A. W. Smith, 1010 Broadway, Oakland.

Plans Being Prepared.
RESIDENCE Cost, \$10,000
SAN FRANCISCO, Ingleside Terrace.
Two-story frame and plaster residence and garage.
Owner—L. Spiegelman.
Architect—S. Heiman, 57 Post St., San Francisco.

Plans Being Prepared—Figures to Be Taken in a Week.
RESIDENCE Cost, \$3000
BURLINGAME, San Mateo Co., Cal.
 One-story frame and stucco residence and garage.
 Owner—J. Sanders.
 Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Being Done By Day Work.
RESIDENCE Cost, \$30,000
LOS ALTOS, Santa Clara Co., Cal.
 Two-story frame, plaster and concrete residence (10 rooms, 4 bath rooms and garage).
 Owner—Dr. M. L. Smith, Los Altos.
 Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Plans Complete.
RESIDENCE Cost \$6000
BURLINGAME, San Mateo Co., Cal.
 One-story frame and plaster residence.
 Owner—Mr. Phillips.
 Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

SCHOOLS

Plans Being Figured—Bids Close Sept. 14, 1922, 3 P. M.
GYMNASIUM, ETC. Cost, \$—
WHITTIER, Los Angeles Co., Cal.
 One-story reinforced concrete manual arts building, 178x66; one-story girls' brick gymnasium, 180x95 and one-story brick boys' locker building, 103x30.
 Owner—Whittier Union High School District.
 Architect—Myron Hunt, 1107 Hibernian Bldg., Los Angeles.
 Bids are being taken separately on a general contract, plumbing and electric wiring.
 (49940) 1st report Dec. 28, 1921; 2nd

Plans Being Figured—Bids Close Sept. 25, 1922.
SCHOOL Cost, \$35,000
GRAFTON, YOLO County, Cal.
 Brick school building with tile roof.
 Owner—Knights Landing Gram. School District.
 Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Figured.
SCHOOL Cost—
SANTA ROSA, Sonoma Co., Cal., Lincoln School site.
 Reinforced concrete school building.
 Owner—Santa Rosa Grammar School District.
 Architect—W. H. Weeks, 369 Pine St., San Francisco.
 (4152) 1st report February 25, 1922; 6th report Aug. 25, 1922. B 13
 Bids are being taken for a general contract, plumbing, painting, heating and electrical work. Bids will be opened about September 28.

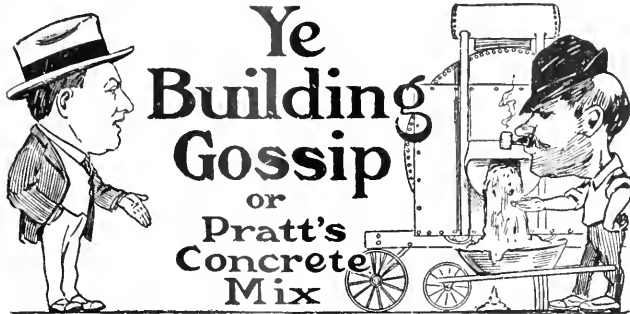
Plans Being Figured—Bids Close Sept. 21, 1922.
SCHOOL Cost, \$30,000
FORT BRAGG, Mendocino Co., Cal.
 One-story frame and rustic 16-room and auditorium school.
 Owner—Fort Bragg School District.
 Architect—Geo. C. Sellen & Co., Mitau Bldg., Sacramento.
 Figures are being taken for segregated contracts. Plans may be obtained from the architects on a deposit of \$25.

OAKLAND, Cal.—Until Sept. 18, 4:30 P. M., bids will be received by J. W. Edgemond, Secretary, Board of Education, for brick work for the Golden Gate School. See call for bids under official proposal section in this issue.

CORONA, Riverside Co., Cal.—Until 2 P. M., Sept. 14, bids will be received by Trustees of Corona High School District for the construction of the new Corona high school building, located on Sixth street between Vicentia and Euena Vista streets, Corona, for the following contracts: General, plumbing, heating, painting, blackboards. Plans and specifications on file at office of G. Stanley Wilson, 646 Ninth St., Riverside. Deposit, \$10. Certified check, 5%. H. H. May, Clerk.

PRATHER, Fresno Co., Cal.—Jolly & Jolly, Fresno, at \$614 awarded contract by Sierra Union High School District to construct a four-room frame school. Evans Plumbing Co., Fresno, awarded heating at \$530. Other bids for general contract were: Miller & Wyatt, Fresno, \$9,450; E. E. Spence, Fresno, \$12,760; Nelson & Bader, Clovis, \$7783. Other bids for heating were: Barry & Hicks Co., Fresno, \$597; Valley Sheet Metal Works, Fresno, \$575.

SACRAMENTO, Cal.—Until Sept. 18, 5 P. M., bids will be received by Chas. C. Hughes, Secretary Board of Education, for sale of old or used desks, to be disposed of throughout the year ending July 1, 1923.



NOTE—Following resolution introduced by Supervisor Wm. S. Scott was unanimously adopted at the regular meeting of the Board of Supervisors on September 6, 1922:

WHEREAS, Supervisor Ralph McLeran at the Annual Builders' Day Celebration held at Capitola on Labor Day, did, by reason of his skill, cool nerve, and perseverance, win the first prize in the horse-shoe throwing contest;

WHEREAS, said first prize consists of Five (\$500) Dollars worth of sandwiches which were donated by the Builders' Exchange Lunch Wagon, and

WHEREAS, Supervisor McLeran has very generously invited the Mayor and his colleagues of the Board of Supervisors to join him in consuming the prize he has so valiently won, thus upholding the time honored sporting proclivities of the Board; therefore be it

RESOLVED, That the generous invitation of Supervisor McLeran be accepted, and that the Mayor and every member of the Board join with him at the Builders' Exchange Lunch Wagon, when all will do honor to its leading member, who, in the words of the late Joe Gans, "Brought Home the Bacon."

"BUILDERS' DAY" was a great success.

THE PROGRAM went through.

JUST LIKE clock work.

AND CLARENCE Sand Pratt's committee.

WORKED DAY and night.

TO MAKE the annual outing.

A GREAT success.

THE CHRONICLE sent Eddie Boyden.

GREATEST NEWSPAPER writer.

IN THE world.

TO CAPITOLA-by-the-Sea.

TO REPORT our different events.

EDDIE SURELY threw the ink.

FOR EACH day.

THE CHRONICLE printed two columns.

OF EDDIE'S wonderful comedy.

CLARENCE SAND Pratt, President.

OF THE Pratt Building Material Co.

DOUGLAS 300—"easy to remember."

WRITES STUFF like Eddie's.

THAT IS Clarence.

THES THE same words.

SAME GRAMMAR.

AND SANE commas and periods.

BUT THEY pay Eddie.

FOR HIS stuff.

WHILE CLARENCE Sand Pratt.

HAS TO buy this space.

TO ADVERTISE his sharp, clean sand.



This photo of the Ralph Contractor McLeran banquet at Anthony's and Otto's Builders' Exchange Lunch Wagon shows the guests taking a well earned rest and sleep during the long-winded after dinner speech of Senator-Supervisor William Speed Scott.

KERMAN, Fresno Co., Cal.—The Bd. of Trustees of the Kerman Union High School District awarded contracts on September 5 as follows for the constr. of a 2-story concrete high school building. Plans were prepared by Architect Anton Johnson, of Kingsburg.

General Contract awarded to J. H. Palm, original bid.....\$144,800
Less Proposition "B".....14,800
\$130,000

Sheet Metal awarded to Ruth-Ringleman Hdw. Co.....\$ 1,940

Composition Roof contract awarded to Valley Lumber Co., Fresno.....\$ 2,100

Plastering contract awarded to MacGriner & Simpson, S. F.....\$14,545
Omitting plastering 2nd floor.....4,689

Blackboards contract awarded to C. E. Weber & Co., S. F.....\$ 1,375
Omit. 2nd floor blackboards.....1,046

Painting contract awarded to C. M. Johnson.....\$ 329
Omit. painting of plastering.....1,375

Plumbing contract awarded to Ed Magnuson.....\$ 4,100
Omit. plumbing 2nd floor.....7,450
950

Electrical contract awarded to Osborn Electric Co.....\$ 6,500
Omit. elec. wk. 2nd floor.....6,691
1,056

Program Clock contr. awarded to the Elec. Clock Co. S. F.....\$ 5,535

Heating contract awarded to E. J. Newman Co. 1912 Mercer St., Fresno.....\$11,094
Omit. heating 2nd floor.....827

Hardware contract awarded to Kerman Hdw. Co. Kerman, California.....\$ 10,267

NOTE—Some deductions were made before the final awards.

SACRAMENTO, Cal.—Until Sept. 18, 5 p. m., bids will be received by Chas. C. Hughes, Secretary, Board of Education, 300 City Hall, for furnishing and installing window and transom shades in the David Lubin, Leland Stanford, Photo Harte and Sierra schools with the exception of the auditorium of the David Lubin and Leland Stanford schools. Bids may be made upon any or all type of window shade, except that it is expressly understood that where the roller type of shade is proposed, the roller shall be one and three-quarter inch Hartshorn roller, on lower windows; and one and one-eighth (1 1/8) inch rollers on transoms, and material in that instance shall be of Holland Linen.

FRESNO, Fresno Co., Cal.—Until September 14, 5 p. m., bids will be received by L. L. Smith, sec. Board of Education, for fur. and des. school furniture. See call for bids under official proposal section in this issue.

MONTEREY, Monterey Co., Cal.—Until Sept. 19, 3 p. m., bids will be received by Jas. McIntosh, clerk, Monterey Union High School District, for alterations and additions to mechanical shop building at high school. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—Until Sept. 18, 4:30 p. m., bids will be received by J. W. Edgar, sec. Board of Education, for the roofing and interior equipment work in Vocational High School. C. W. Dick-ey, architect. See call for bids under official proposal section in this issue.

KNIGHTS LANDING, Yolo Co., Cal.—Until Sept. 25, 2 P. M., bids will be received by John F. Anderson, Clerk, Grethen School District, to construct a kindergarten school. W. H. Weeks, Architect, 365 Pine St., San Francisco. See call for bids under official proposal section in this issue.

RODEO, Contra Costa Co., Cal.—Until Sept. 18, 3 P. M., bids will be received by A. A. Smith, Clerk, Rodeo School District, to construct kindergarten building. Certified check of \$250 required with each bid. Nabrett & O'Brien, Architects, 306 Macdonald Ave., Richmond. Plans may be had from the architects.

SACRAMENTO, Cal.—Until Sept. 18, 5 P. M., bids will be received by Chas. C. Hughes, Secretary, Board of Education, 300 City Hall, for furnishing and installing one American Radiator Co. S-36-T-8 Boiler in the Watson School at 16th and J. streets. To be installed without grates but with fire-box arranged for oil burning and connected to present piping.

SACRAMENTO, Cal.—Until Sept. 14, 8 p. m., bids will be received by Clyde M. Davies, Clerk, Elder Creek School District to const. one-story school building, E. C. Hennings, architect, 424 Ochsenr Bldg., Sacramento. See call for bids under official proposal section in this issue.

LEWISKELEY, Alameda Co., Cal.—Until Sept. 19, 4 P. M., bids will be received by Clyde Blanchard, Secretary, Board of Education, 2133 Allston Way, Berkeley, for plumbing work in Garfield gymnasium. See call for bids under official proposal section in this issue.

BAKERSFIELD, Kern Co., Cal.—Wm. G. Reed, Long Beach, on a bid of \$147,197 (excl. of heating, plumbing and electric work) awarded contract by Kern County Union High School District to construct general science building from plans of Architect (Chas. H. Bigger), 105 Bank of Italy Bldg., Bakersfield. The contract for plumbing and heating was awarded to the Bakersfield Plumbing Co., Bakersfield, at \$20,637. Other bids for general contract were: Currie & Duglar, Bakersfield, \$188,300; Henry Bessler, Bakersfield, \$185,500. For plumbing and heating, Chas. Daly, Bakersfield, bid \$22,280 and for electric work the Woodliff-Carlson Co., Los Angeles, bid \$11,711.

STORES AND OFFICES

Plans to be Ready for Figures Thursday.

STORES BLDG. Cost, \$15,000
BURLINGAME, San Mateo Co., Cal.
Burlingame Ave. and Primrose Rd.
Owner—Burlingame reinforced concrete store building (4 stores).
Architect—Leonard & Holt Realty Co., San Francisco.

Figures To Be Taken in a Few Days.
STORE BLDG. Cost, \$22,000
SARATOGA, Santa Clara Co., Cal. Odd Fellows' Home.
One-story reinforced concrete bldg.
Owner—Odd Fellows' Home of California.
Architect—Wolfe & Higgins, Auzeais Bldg., San Jose.

Plans Being Figured.
ADDITION Cost, \$—
SAN FRANCISCO. No. 250 Stockton Street
Alter and add to present office and store building.
Owner—Rudolph Wuritzer Co., Prem.
Architect—V. W. Houghton, 425 Kearny St., San Francisco.
Elevator work, plumbing, electrical and steel, also interior re-decorating.

Figures To Be Taken By Wednesday.
STORES Cost, \$17,000
SAN FRANCISCO, SW 11th Ave. and Clement.
Two-story frame and plaster flats and stores.
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg.

Figures To Be Taken in a Few Days.
STORE Cost, \$16,000
SAN JOSE, Santa Clara St., near 7th St.
Two-story brick store building.
Owner—Mr. Madden.
Architect—Wolfe & Higgins, Auzeais Bldg., San Francisco.

Plans Being Figured.
STORE BLDG. Cost, \$250,000
LOS ANGELES, Cal. Hill St. bet. 6th and 7th Sts.
Eight-story and basement Class A store and loft building.
Owner—Starr Plano Co.
Architect—Stanton, Reed & Hibbard Metropolitan Bldg., Los Angeles.
The steel contract has been awarded to the Baker Iron Works, Los Angeles.

Plans Being Figured.
OFFICE BLDG. Cost, \$35,000
OAKLAND, Cal. Grand Ave.
Two-story frame and plaster office building.
Owner—Dr. L. P. Adams and Dr. W. H. Streitemann.
Architect—Wm. E. Milwain, Albany Bldg., Oakland.
All modern conveniences for physicians' use especially.

Interior Woodwork Contract Awarded.
ALTER STORE Cost—
SAN FRANCISCO, Powell & Geary Sts.
Alter and add to interior of store and basements.
Owner—The Golden Pheasant, Inc., premises.
Architect—Alfred Henry Jacobs, 110 Sutter St.
Contractor—Home Mfg. Co., 543 Brannan St.

Preliminary Plans Being Prepared.
STORE BUILDING Cost, \$—
SAN FRANCISCO, 250 Stockton St.
Alter and addition to present office and store building.
Owner—Rudolph Wuritzer Co., 250 Stockton St., S. F.
Architect—V. W. Houghton, 425 Kearny St., San Francisco.
Elevator work, plumbing, electrical and steel, also interior re-decorating.

LOS ANGELES, L. A. Co., Cal.—Tropico Pottery, Inc., has been awarded the contract for furnishing terra cotta for the four-story and basement, class A store and office bldg. to be erected at Glendale for John Lawson; Alfred P. Priole, 619 Pay Bldg., Los Angeles, archit. Bids on general and other contracts will probably be taken next week.

MADERA, Madera Co., Cal.—Frank Fisher, Madera, at \$6419 awarded contract by county supervisors to remodel laundry building (owned by county) to be used as offices for Chamber of Commerce. A. Gedron, Madera, bid \$6600.

THEATRES

Plans Being Prepared.
THEATRE, ETC. Cost, \$50,000
OAKLAND, Alameda Co., Cal. Park Boulevard.
Reinforced concrete theatre and store building, 135x87.
Owner—Withheld.
Architect—W. E. Schirmer, Thayer Bldg., Oakland.

MODESTO, Stanislaus Co., Cal.—Engineers Elmer E. Reed and Fatten, Merchants National Bank Bldg., San Francisco, are completing plans for the "Garden of Allah" amusement structures to be erected in Modesto for W. G. Shafer, manager of the Green Mill Amusement Co., of Fresno. Plans will provide for a main building, 125 by 225 feet to contain conservatory 100 to 75 feet, a dining room with a seating capacity of 700 persons and a dance hall to accommodate 300 couples. Other structures will include bowling alleys, billiard rooms and a swimming tank capable of accommodating 250 bathers at one time. In addition to these permanent cottages will be constructed. All construction will be of frame and stucco. The estimated cost of the work is placed at \$325,000.

Official Proposals

NOTICE CALLING FOR BIDS

or Furnishing All Materials and Labor in Connection With the Construction and Completion of The "Elder Creek School."

The Board of Trustees of Elder Creek School District of Sacramento County, State of California, will receive sealed bids until 8 o'clock p. m., on the 14th day of September, 1922, for the furnishing of all materials and labor in connection with the construction and completion of a new one-story school building, to be located at S. W. corner of Brighton Ave. and Lemon Hill Ave., and at the expiration of the time named, bids will be opened, examined, and publicly declared in open session of the said Board of Trustees, at the old school building.

All proposals shall be accompanied by a check certified to by a responsible bank, made payable to the order of Clyde M. Davies, Clerk of the said Board of Trustees of Elder Creek School District, in an amount not less than 10 per cent of the aggregate of the bid, which check in the amount therein named shall be forfeited to and be retained by the Board of Trustees of said school district if the successful bidder fails to execute the contract in the required form and furnish the bonds required as set forth after in this notice.

The bidder to whom the contract is awarded will be required to enter into a written contract within five days after written notice of the award thereof, unless otherwise notified in writing by the said Board of Trustees or Architect, and to fully complete the said work within the time limit set forth in this contract.

All of said materials and labor required shall be in accordance with the plans and specifications on file with the Board of Trustees of said School District.

After the award and upon execution of the contract the contractor shall at the same time execute to Elder Creek School District, and deliver to the clerk of said Board of Trustees a bond guaranteeing to the said School District the faithful performance of the contract in an amount equal to 50 per cent of the amount named in the contract.

He shall likewise execute and deliver at the same time another and separate bond to protect any and all persons performing labor upon or furnishing materials used upon the said work in an amount equal to 50 per cent of the amount named in the contract.

The plans, specifications, and drawings for said work may be had at the office of the Architect, E. C. Hemmings, 424 Oechner Bldg., Sacramento, California, upon a deposit of \$10, which said deposit will be returned to the applicant when said plans, specifications and drawings are returned to the aforesaid office in good condition.

When furnished blank forms of proposals upon application at the office of the aforesaid Architect.

The Board of Trustees of Elder Creek School District reserves the right to reject any or all bids and waive any informality in any bid received.

IN WITNESS WHEREOF, we have hereunto set our hands this 25th day of August, 1922.

P. H. SMITH,

CLYDE M. DAVIES,

Trustees of Elder Creek School District of Sacramento County, State of California.

NOTICE TO CONTRACTORS

(School Shop Additions & Alterations)

Sealed bids will be received by the Trustees of Monterey Union High School District up to three (3:00) o'clock p. m. of the 13th day of Sep-

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

tember, 1922, for the furnishing of labor and materials for the construction of certain alterations and additions to the mechanical shop building of the Monterey Union High School district situated within the grounds of said high school. Complete plans and specification for which said work may be obtained at the offices of the Principal of the Monterey Union High School. The Board is reserved to reject any and all bids.

Dated this 23rd day of August, A. D. 1922.

JAS. MCINTOSH
Clerk of the Board of Trustees of the Monterey Union High School.

BIDS WANTED FOR BRICK WORK
(Golden Gate School)

NOTICE TO CONTRACTORS

Office of the Secretary of the Board of Education of the City of Oakland.

Sealed bids will be received by the Board of Education of the City of Oakland, City Hall, Oakland, California, until the 18th day of September, 1922, at 4:30 o'clock p. m. at which time said bids will be opened, for the Brickwork of the Golden Gate School, at the Oakland School District, located on the block bounded by 62nd Street, Herzog Street, 63rd Street and San Pablo Avenue, Oakland, Calif.

Plans and specifications for said work are on file at the office of the Architect for the Board of Education, 2149 Broadway, Oakland, California.

On a deposit of Twenty-five (\$25) Dollars, said plans and specifications may be had by any prospective bidder. These plans and specifications may be retained for 12 days.

If the plans and specifications are not returned to the Architect within the time above specified, or are returned in a mutilated or damaged condition, the deposit will be forfeited and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Architect, and be signed by the bidder, accompanied by a certified check, certified to by some responsible bank or banker, and made payable to J. W. Edgemond, Secretary of the Board of Education, to be retained by the said School Districts as agreed and liquidated damages should the party or parties to whom

the contract should be awarded fail to enter into the contract after the award, to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand (\$5,000) Dollars, but for all bids of less than Fifty Thousand (\$50,000) Dollars said check shall be for at least 10 per cent of the amount of the bid. Each bid shall be accompanied by an affidavit executed on a form that can be obtained from the Architect.

Bids will be opened by the Board of said Districts on the 18th day of September, 1922, at 4:30 o'clock p. m., in the Board Room, 211 Second Floor of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

J. W. EDMOND,
Secretary of the Board of Education of Oakland, California.

NOTICE TO CONTRACTORS

(Reclamation District No. 2056)

Sealed proposals will be received at the office of Reclamation District No. 2056, 2056 Oak Street, Contra Costa County, California, up to but not later than 12 o'clock, noon, September 14th, 1922, for the excavation of four hundred thousand (400,000) cubic yards of earth, in the construction of drainage canals, laterals and sub-laterals in the above named district, and in addition thereto the construction of structures permanent to above canals, laterals and sub-laterals, said structures consisting of bridges, concrete box culverts, concrete pipe culverts, and corrugated iron pipe culverts, all in accordance with the plans and specifications on file. Bids will be received on the work as a whole or in part. The right is reserved to reject any and all bids and to accept a bid on any one or more sections and reject the others.

Plans and specifications may be inspected at the office of the engineer of the District at Live Oak, Cal., or may be obtained upon a deposit with the district of \$50.00.

RECLAMATION DISTRICT NO. 2056.

By R. E. Johnson, President.

R. Heinrich, Secretary.

NOTICE TO CONTRACTORS

(Grafton School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Grafton School District, Contra Costa County of California, in the present Grammar School Building in the Town of Knights Landing at 2:00 P. M., September 25, 1922, for the erection and completion of a brick veneer school building to be erected in the Town of Knights Landing, Yolo County, State of California, according to plans and specifications prepared by the same by W. H. Weeks, Architect.

Bids will be received on the General Construction with its alternate proposals together with separate bids on the Heating System.

Plans and specifications may be seen at the office of the Architect, W. H. Weeks, 369 Pine Street, San Francisco, California, or at the place of business of Mr. John F. Anderson, Clerk of the Board of Trustees at Knights Landing.

Bids should be presented on bid forms furnished by the Architect.

Each bid to be accompanied by certified check on some responsible California bank in the sum of not less than five per cent (5%) of the amount bid, made payable to Mr. John F. Anderson, Clerk of the Board of Trustees of the Grafton School District, for the purposes stated in the specifications.

Each bid must be enclosed in a sealed envelope and addressed to Mr. John F. Anderson, Clerk of the Board

QUANTITY SURVEYOR

and Valuation Engineer
Buildings and Engineering Works

ARTHUR PRIDDLE

693 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-4-9-3

of Trustees, and endorsed "Proposal for Grammar School Building."

The Board of Trustees reserve the right to reject any and all bids.

Bids to be delivered to the undersigned Clerk of the Board of Trustees at the proposed Grammar School Building in the Town of Knights Landing at the time and place of meeting above stated, or any time up to the hour of opening of said bids, at his place of business.

JOHN F. ANKERSON,

Clerk of the Board of Trustees of the Grammar School District, Yojo County, Knights Landing, Calif.

NOTICE TO FURNITURE DEALERS

(School Furniture)

Throughout the Board of the Board of Education the Secretary of the Board L. L. Smith 2525 Tuolumne St., Fresno, California is hereby instructed to advertise for and accept sealed bids in the following:

Two hundred and fifty pupils' chairs, etc., automatic cast iron desks, sizes 28 and 34 of individual and sizes 28 and 34 of corresponding sizes, of any desirable proposition which bidder may wish to submit.

The Board reserves the right to reject any and all bids.

Certified check in 10 per cent of the amount of the bid, payable to the order of the Board of Education, must accompany each bid.

Bids will be opened at the office of the Board of Education on Thursday, September 14, at 8 p. m.

Specifications may be obtained from the Secretary of the Board at 2525 Tuolumne Street.

By order of the Board of Education,
L. L. SMITH, Secretary.

CALL FOR BIDS FOR CERTAIN EXCAVATION AND EARTH WORK CONSTRUCTION ON FAIRFIELD CANAL SYSTEM, MERCED IRRIGATION DISTRICT

Public notice is hereby given that sealed proposals for certain excavation and earthwork construction on the Fairfield Canal System of the Merced Irrigation District will be received by the Board of Directors of said District at its office in the Bancroft Building in the City of Detroit, State of California, at any time up to 11 o'clock A. M. on Friday, September 22, 1922, at which time and place all bids so received will be opened in public by said Board. The Board of Directors will let said work to the lowest responsible bidder, and said Board reserves the right to reject any and all bids and to re-advertise for the work and to proceed to construct the work under their own superintendence.

The work to be done of which proposals are hereby invited is the excavation and earthwork construction of 8.6 miles of main canal and 7.4 miles of laterals. The point of beginning of the main canal is at the left bank of the main canal, about 1500 feet south of the northeast corner of Section 23, T. 7 S., R. 14 E., M. D. B. & M., and designated as Station 0.00. The main canal runs thence generally south to and across Owens Creek whose left bank it follows to a point about two miles west of the point of beginning of the lateral. The laterals run generally westerly from the main canal and each of them ends not to exceed two miles from the main canal.

The details of the work are as follows:

Approximately 1500 linear feet of canal 10 feet wide on the bottom with a vertical depth from the level of the top of the banks to the bottom of 5.2 feet.

Approximately 18,900 linear feet of canal 10 feet wide on the bottom, with a vertical depth from the level of the top of the banks to the bottom of 4 feet.

Approximately 3000 linear feet of canal 8 feet wide on the bottom, with a vertical depth from the level of the top of the banks to the bottom of 3.6 feet.

Approximately 22,200 linear feet of canal 8 feet wide on the bottom, with a vertical depth from the level of the top of the banks to the bottom of 2.8 feet.

Approximately 5000 linear feet of canal 8 feet wide on the bottom, with

a vertical depth from the level of the top of the banks to the bottom of 1 feet.

Approximately 7500 linear feet of canal 6 feet wide on the bottom, with a vertical depth from the level of the top of the banks to the bottom of 3.6 feet.

Approximately 22,200 linear feet of canal 8 feet wide on the bottom, with a vertical depth from the level of the top of the banks to the bottom of 3 feet.

Any bank slopes shall be 1:5 horizontal to 1 vertical. The bank crown widths shall be respectively four, six and eight feet as shown on Drawing P 13 of the plans for said work. The excavation is continuous except for short spurs structures at road, railroad and stream crossings. The total length of the sections excepted is approximately 500 feet.

The total estimated earthwork to be done is as follows:

Excavation 67,200 cu. yds.
Borrow 36,700 cu. yds.

Total 104,000 cu. yds.

The work to be done hereunder is more particularly described in the specifications, and the route and profile thereof are delineated upon the plans, which plans and specifications may be seen at the office of said Board. Copies of said plans and specifications may be obtained at the office of said Board upon payment of \$5.00 therefor.

Any bidder to whom a contract for said work may be awarded must furnish bonds as provided by law, to-wit: a bond in the sum of at least one-half of the contract price to secure the amount of claims of materialmen, mechanics and laborers employed upon said work, and a bond in the sum of at least 25 per cent of the contract price conditioned for the faithful performance of the contract.

Each bid must be accompanied with cash or a Cashier's or certified check or a bond for an amount equal to not less than 10 per cent of the total amount of the bid as a guaranty that if the bid is accepted the bidder will, within three days after its acceptance, enter into a contract with the district in the form attached to said specifications and furnish the bonds aforesaid.

For the purpose of determining the amount of said bonds and deposit it will be assumed (without so guaranteeing) that all the excavation and borrow will be in soil as that term is defined in the specifications; that the cost of excavation and borrow will be estimated in the specifications, and that no overhaul will be found necessary.

All proposals must be on forms which will be furnished by the district at the office of said Board, and must be in sealed envelopes addressed to the Board of Directors of Merced Irrigation District.

Dated at Merced, California, August 31, 1922.

By order of said Board of Directors,
W. D. WAGNER, Secretary.

NOTICE TO CONTRACTORS

(The Roofing & Interior Equipment)

Office of the Secretary of the Board of Education of the City of Oakland, California.

Sealed bids will be received by the Board of Education of the City of Oakland, City Hall, Oakland, California, until the 18th day of September, 1922, at 4:30 o'clock p. m., at which time and place all bids so received will be opened in public by said Board and completion of a new building for the Vocational High School, of Oakland High School District, located on the block bounded by Myrtle, Broadway and 17th Streets, Oakland, California.

Separate bids will be received for: Tiling, Roofing.

Interior equipment work. Bids and proposals for said work are to be filed at the office of the Architect for the Board of Education, 2149 Broadway, Oakland, California.

On a deposit of Twenty-five (\$25) Dollars, said plans and specifications may be retained for twelve (12) days.

If the plans and specifications are not returned to the Architect within the time above specified, and are returned in a damaged or mutilated condition, the deposit will be forfeited and will be immediately used for the pur-

chase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Architect, and signed by the bidder, accompanied by a certified check, certified to by some responsible bank or banker, and made payable to J. W. Edgemond, Secretary of the Board of Education, to be retained by the said School Districts as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give the bonds required for the faithful performance of the contract or any bond required by law. The amount of said check shall not exceed Five Thousand (\$5,000) Dollars, and for bids of less than Fifty Thousand (\$50,000) Dollars, said check shall be for at least ten (10%) per cent of the amount of the bid. Each bid shall be accompanied by an affidavit executed on a form which can be obtained from the Architect.

Bids will be opened by the Board of said Districts on the 18th day of September, 1922, at 4:30 o'clock p. m., in said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

J. W. EDMOND,

Secretary of the Board of Education of Oakland, California.

NOTICE TO BIDDERS FOR CERTAIN PLUMBING AT THE GARFIELD GYMNASIUM

The Board of Education of the City of Berkeley and Berkeley School District of Alameda County, State of California, hereby gives notice that it will receive at his office, 2133 Allston Way, Berkeley, California, up to the hour of 4 o'clock P. M., September 19, 1922, sealed proposals for furnishing the necessary materials, tools and labor for the furnishing and installation of certain plumbing fixtures at the Garfield School Gymnasium, Rose and Grant Streets, in the City of Berkeley, in accordance with plans and specifications adopted by said Board of Education on Wednesday, August 30, 1922, and now on file at the office of the Secretary of the Board of Education, 2133 Allston Way, Berkeley, California, from which copies may be obtained.

Bids must be on blank forms furnished and obtained from said Board of Education. Work on the above contract must commence within 48 hours from notification of the Board of Education of the award of said work and be diligently prosecuted until completion thereof, unless otherwise ordered by said Board of Education.

The successful bidder will be required to furnish a surety bond acceptable to the Board of Education in a sum not less than twenty-five per cent (25%) of the contract price, guaranteeing the faithful performance of the contract; also a bond in a sum not less than fifty per cent (50%) of the contract price, guaranteeing the payment of claims for laborers and materials used in the above work, as provided by an Act of the Legislature of the State of California entitled "An Act to Secure the Payment of Claims of Materialmen, Mechanics or Laborers, employed by Contractors upon State, Municipal or other Public Works, Approved March 27, 1897," and to give bonds indemnifying the Board of Education against liability for compensation provided by Workmen's Compensation Insurance and State of California May 26, 1913, satisfactory to the said Board of Education.

All bids must be accompanied by a cash deposit of a certified check on a responsible bank, and payable to the Board of Education for an amount equal to ten per cent (10%) of the amount bid.

The bidder to whom the contract shall for five (5) days after such award fail or neglect to enter into a contract and file the required bonds and faithful performance of the contract and the furnishing of materials and labor, the cash deposit or certified check of said bidder may be declared forfeited to the Board of Education and shall be collected and paid into the General Fund of said Board of Education.

The Board of Education reserves the right to reject any and all bids.

By order of the Board of Education of the City of Berkeley, Alameda County, State of California, August 30, 1922.

CLYDE BLANCHARD,
Secretary, Board of Education

NOTICE TO BIDDERS

(Sewer Sewers)

Notice is hereby given that the Stages Sanitary Board, at their next regular meeting, **Friday, October 6, 1922 at 8 p. m.**, will receive and consider bids for sewer extensions on Clayton and Norwell Streets, in the City of El Cerrito, and described as follows:

465 feet of sewer on Clayton St. bet Central St. and Fairview Ave.
170 feet of sewer on Norwell St. bet Central St. and Fairview Ave.
273 feet of sewer on Norwell St. bet Lincoln St. and Eureka St.

The above named sewers are to be constructed to plans and specifications on file with E. Peters, 183 San Pablo Ave., and are open at that address for inspection by interested parties.

Ten per cent of the bids must accompany each bid.

Twenty-five per cent of the total amounts of accepted bids will be withheld for 30 days after completion of work.

The Sanitary Board reserves the right to reject any or all bids on the aforementioned sewer extensions.

H. L. Van Fleet,

Secretary Stages Sanitary District Board.

R & E

NOTICE TO CONTRACTORS

CURRENT CREEK ROAD

SEALED PROPOSALS for constructing the above-named National Forest Road to local within the Nevada National Forest, New County, State of Nevada, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 881 Mills Building, San Francisco, California, until 2 o'clock P. M., on the 12th of September, 1922, at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids, and none will be considered except those from contractors ascertained to be experienced and responsible. The project is located about 10 miles south of Ely and the length to be constructed is approximately 14.6 miles. The principal items of work are approximately as follows:

Clearing and grubbing, 771 Stations
Excavation, rock, 3000 cu. yds.
Excavation, common, 45,000 cu. yds.
Cement Rubble Masonry, 17,000 cu. yds.
Class "B" concrete Alternate for Cement Rubble Masonry, 260 cu. yds.
Corrugated Metal Pipe, 2300 lin. ft.
Trestle Bridge Material in place, incl. Br. Iron, 5.4 M. E. M.
Furrow Ditch, 10,000 lin. ft.

The work embraced in this contract shall be started within ten days after notice of signing of contract by the Secretary of Agriculture has been received by the contractor by the District Engineer, and shall be completed within 75 weather working days after said notice has been given.

The contract form and the maps, plans, specifications and estimate of quantities may be examined by responsible contractors at the following addresses:

581 Mills Building, San Francisco, California.
After August 28, 1922, District Engineer, Bureau of Public Roads, 406 C. H. Hudson Building, Ogden Utah.
After August 28, 1922, at Engineer's Camp, Current, New County, Nevada.
After August 28, 1922, Nevada State Highway Commission, Carson City, Nevada.

After August 28, 1922, Care of Forest Supervisor, Ely, Nevada.

The Bureau of Public Roads will furnish Corrugated Metal Pipe for pipe culverts. The Bureau also has available for loan to contractors on a rental basis, equipment as listed in the accompanying circular. The bidder will state in his bid the amount of Government equipment that he will use during construction and the minimum rental value of the estimated materials will be deducted from the total of the construction items and award will be made on bid to best advantage to the Government.

Plans and specifications will be furnished contractors who contemplate bidding upon deposit of a certified check for \$10.00 payable to the Secretary of Agriculture of the United States. Check will be held, pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the Specifications above referred to.

August 24, 1922.

C. H. SWEETSER,

District Engineer

BIDS WANTED FOR OFFICERS' AND EMPLOYEES' QUARTERS

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., August 23, 1922.—SEALED PROPOSALS will be opened in this office at 3 P. M., September 27, 1922, for construction of Officers' and Employees' Quarters for the United States Veterans' Hospital at Fort Bayard, N. M. Drawings and specifications may be obtained at this office in the discretion of the Supervising Architect. Proposals will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract, and who have established a record for expedition on contracts of the character and magnitude. The bidder must obtain a set of the plans and specifications from any source whatever and submit a bid shall not constitute a waiver of the foregoing stipulations. JAS. A. WETMORE, Acting Supervising Architect.

NOTICE TO CONTRACTORS

Sealed bids will be received by the Trustees of the Orestimba Union High School on or before the 16th day of September, 1922, at 2 o'clock p. m. at the High School, Newman, Stanislaus Co., California, for the construction of one-story brick workshop, according to drawings and specifications by Francis W. Reid, Architect, Concord, California.

Right is reserved to reject any or all bids. Certified check to amount of five per cent of amount of bid will be required.

For further information and plans apply to

SETH WADE,

Clerk of Board of Trustees, Orestimba Union High School, Newman, California.

NOTICE TO CONTRACTORS

BIDS WANTED FOR CONSTRUCTION OF BRICK DORMITORY

DEPARTMENT OF THE INTERIOR, Office of Indian Affairs, Washington, D. C., August 10, 1922. Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for a brick dormitory, Chemawa, Oregon," and addressed to the "Commission of Indian Affairs, Washington, D. C.," will be received at the Indian Office until 2 o'clock P. M., of September 12, 1922, for the construction of a brick dormitory, Salem Indian School, in strict accordance with the plans, specifications and instructions to bidders, which may be obtained at the office of the United States Indian Warehouses at San Francisco, Calif., and at the office of the Superintendent of the Salem Indian School, Chemawa, Oregon. For further information apply to the Superintendent of the Salem Indian School, CHAS. F. BURKE, Commissioner.

BIDS WANTED FOR GENERAL WORK FOR STATE PRINTER

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. E. McDougall, State Architect, Chief Division of Architecture, Forum Building, Sacramento, California, up to and including 10 o'clock A. M., Monday, September 10, 1922, and bids then and thereafter to be publicly opened and read there for furnishing all plant, materials and doing the work printed in the complete circular of WORK for the STATE PRINTER, SACRAMENTO, CALIF.

ONIA, in accordance with plans and specifications therefor, of which may be obtained, on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California. Such plans and specifications for the General Work and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the State Engineer, Department of Public Works, in the sum of at least ten per cent (10%) of the amount of the bid must be enclosed with each bid.

A deposit of Twenty-five (\$25.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

The construction work of said State Printer has been placed on a daily labor basis and on said basis the said General Work, as a sub-division of said construction, may be let by contract.

All bids must be addressed to Geo. E. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California.

Proposals for General Work, State Printer, Sacramento, California, STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

GEO. E. MCDUGALL, State Architect.

A. B. FLETCHER, Director of Public Works.

NOTICE TO CONTRACTORS

(Court House Roofing)

Sealed bids will be received up to 10 A. M., of September 15, 1922, by the Clerk of the Board of Supervisors, County of Kern, Bakersfield, California, for the furnishing of all labor and materials for the erection and completion of a new roof on the Kern County Court House, put on in accordance with the following specification:

Thoroughly clean roof, cutting off any bumps or ridges of existing roof, hot coat with high melting asphalt, made up on two layers of 15-lb. Asphalt. Saturated felt or equal, over which imbed a layer of Medium Maltwood Roofing, Johns-Manville. This is to be a complete water tight job, put on to the satisfaction of the inspector in charge.

Each bid must be accompanied by a maintenance guarantee from the Manufacturer of the material used, for a period of ten years from date of completion. All bids to be accompanied by a certified check in the amount of at least ten (10%) per cent of the amount bid.

The Board of Supervisors reserves the right to reject any or all bids and to waive any informality in any bid received.

By order of the Board of Supervisors, County of Kern, August 21, 1922.

F. E. SMITH, County Clerk and ex-officio Clerk of the Board of Supervisors.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT**STATE OF CALIFORNIA****DEPARTMENT OF PUBLIC WORKS****CALIFORNIA HIGHWAY COMMISSION****NOTICE TO CONTRACTORS**

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on September 18, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Mendocino County, across Cold Creek at Station 349 (I-Men-15-A), a bridge forced concrete girder spans on consisting of three thirty-foot reinforced bents.

Mendocino County, across Cold Creek at Station 373 (I-Men-15-A), a bridge consisting of two thirty-foot reinforced concrete girder spans with the necessary bent, abutments and wing-walls.

Plans may be seen and forms of proposal bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission.
AUSTIN E. FLETCHER,
State Highway Engineer.

R. A. MURRAY, Secretary.

Dated August 21, 1922.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT**STATE OF CALIFORNIA****DEPARTMENT OF PUBLIC WORKS****CALIFORNIA HIGHWAY COMMISSION****NOTICE TO CONTRACTORS**

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on September 25, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Los Angeles and Orange Counties, between Long Beach and Huntington Beach (VII-LA-60-E and VII-ORA-60-A), about seven and eight-tenths (7.8) miles in length, seven and eight-tenths (7.8) miles to be graded and six and five-tenths (6.5) miles to be paved with Portland cement concrete.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the

"Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission.

AUSTIN E. FLETCHER,
State Highway Engineer.
R. A. MURRAY, Secretary.

Dated August 28, 1922.

BIDS WANTED FOR IRON AND BRONZE WORK FOR STATE BUILDINGS**NOTICE TO CONTRACTORS**

SEALED BIDS will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to and including 12 o'clock A. M., Tuesday, October 3, 1922, said bids therefor and they will be publicly opened and read for furnishing all plant, materials and doing the work required for the complete ORNAMENTAL AND MISCELLANEOUS IRON AND BRONZE WORK, for the SACRAMENTO STATE BUILDINGS, I. e., the Library and Courts Building and the Office Building, Sacramento, California, in accordance with plans and specifications and forms of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for Ornamental and Miscellaneous Iron and Bronze Work and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond made payable to the State of California, or a certified check made payable to the State Engineer, Department of Public Works, in the sum of at least ten per centum (10%) of the amount of the bid must be enclosed with each bid.

A deposit of Twenty-Five (\$25.00) Dollars will be required on plans and specifications; the deposit to be returned immediately on the return of the plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works, reserves the right to reject any or all bids and to waive any informality in any bid received.

The construction work of said Sacramento State Buildings has been placed on a days labor basis and on said basis the said Ornamental and Miscellaneous Iron and Bronze Work, as a sub-division of said construction, is to be let by contract.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope, "Proposal for Ornamental and Miscellaneous Iron and Bronze Work, Sacramento State Buildings, Sacramento, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

GEO. B. McDOUGALL,
State Architect.
A. B. FLETCHER,
Director of Public Works.

SCHOOL BIDS WANTED**NOTICE TO CONTRACTORS**

The Board of Trustees, Selma Union High School District hereby invite sealed bids for the furnishing of labor and materials and the erection and completion of a Masonry Science Hall according to plans and specifications of the District's architect, Norman F. Marsh.

Bids for the several sections of the work will be called for as follows:

General contract
Electric contract
Heating and ventilating contract
Painting contract
Plumbing contract
Program clock contract

Plans and specifications may be obtained from the architect, 211 Broadway Central Building, Los Angeles, California, or from Superintendent of Construction, 1001 Reddy Joint Union High School, Reedley, California.

Bidders will be required to make a deposit of \$50.00 for plans and specifications, which will be refunded on return of plans accompanied with bona-fide bids.

All bids must be accompanied with a certified check or bid bond for five per cent (5%) of amount of bid made payable to Selma Union High School District as guarantee that if awarded the work, bidder will furnish good and sufficient Security Company Bond and enter into contract for execution of work as indicated by above.

All bids must be in the hands of C. W. Christensen, Clerk, at the High School, on or before 8 p. m., Monday, September 25th, 1922, and will be opened in public immediately thereafter.

All bids must be made on uniform bid blanks furnished by the architect. The Board of Trustees of the Selma Union High School District reserve the right to reject any or all bids.

Done by order of the Board of Trustees, Selma Union High School District, This 21st day of August, 1922.

F. A. DODSON, President.

C. W. CHRISTENSEN, Clerk.

BIDS WANTED FOR REMODELING BATHS**NOTICE TO CONTRACTORS**

Subject—Specification No. 4001, Remodeling Bathrooms, Building No. 53, Navy Yard, (Marine Reservation), Mare Island, Calif.

The Bureau of Yards and Docks invites attention to the fact that it will open proposals, in the near future, on the project mentioned above. The building is a two-story brick structure 50 feet by 26 feet with wings 44 feet by 48 feet and a one-story kitchen, about 33 by 54 feet. A 12-foot veranda extends across the front of the building on both floors. The first story height is 13 feet from finished floor to ceiling. The remodeling consists in general of the removal of partitions, and brick walls, removal of certain lintels and sills, installation of new lintels and sills, construction of new partitions, removal of wood floors, installation of new wood and concrete floors, repainting floors, installation of cement-mortar wainscots, new plastering, steel stairs to veranda, wood trim, screens, hardware and plumbing, work with connections to existing sewer and water systems, electric lighting system, and other incidental work. The work herein described is a part of the building which is south of the north side of the Sally port which includes the lavatory room over the Sally port.

Plans and Specifications No. 4661 may be obtained when available, by application to the Bureau of Yards and Docks, Navy Department, Washington, D. C., or to the Commandant, Navy Yard, Mare Island, Calif., accompanied by a Postal Money Order or check for \$10.00, payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the Specifications.

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Engineering News Section

BRIDGES, DAMS & HARBOR WORK

LOS ANGELES, Cal.—Until 11 a. m., Sept. 11, bids will be rec. by county supervisors for 10,000 or more untreated piling; 25¢ to be delivered in 15 days after order is placed; remainder to be delivered as follows: 25¢ every 30 days until order is filled. Piling is to range from 22 to 40 ft. in length; 60¢ to be 36 ft. or under in length and the remaining 50¢ to be over 36 ft. in length. Round piles shall have a min. dia. of 12-in. at the butt. Cert. ch. 107.

SALINAS, Monterey Co., Cal.—The failure of the Standard Industrial Engineering Corp., 250 Montgomery St., San Francisco, to furnish a surety on the Hilltown bridge contract awarded at a price of approximately \$19,000, may cause the company to lose the contract and \$13,000 worth of work already completed on the structure. A bond of \$90,000 is required. The company has offered to furnish a personal bond and proposes to make an agreement with the supervisors whereby 75% of the earnings of the company on the contract would be held up each month to meet liabilities. The district attorney, however, advises the supervisors against such an agreement and urges that a "surety" bond be secured.

SACRAMENTO, Cal.—Until Sept. 26, 10 a. m., bids will be rec. by H. W. Hall, county clerk, to const. wood trestle across Carson Creek on Milgate Ranch about 10 miles south of Colusa. Cert. check 10c payable to chairman Board of Supervisors required. Chas. Deterding, county surveyor.

COACHELLA, Cal.—Until 7 p. m., Sept. 12, bids will be rec. by the Coachella Valley Water Control Dist., Coachella, Riverside Co., for excav. of approx. 11,000 cu. yds. of earth in the flood control ditch near Indio, and for the clearing of approx. 23 miles, from a point about 4 miles west of Indio to 3 miles southwest of Mecca. Plans and spec. may be seen at the office of Leeds & Barnard, cons. engs., Central Bldg., Los Angeles. Cert. Chk. or bond, \$500. V. E. Stiles, clk.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 2, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to construct rein. conc. culvert on Redmond road near Norton road, Supervisor Dist. 4, Irving Ryder, county surveyor.

PALMDALE, California.—Until Sept. 10, bids will be rec. by Palmdale Water Co. to const. 3 earth dams near Palmdale. Involves approx. 87,000 yds. embankment, and 140,000 sq. ft. of conc. slope paving. Plans and spec. may be seen at the office of the company, Burt Cole, engr.

NAPA, Napa Co., Cal.—Until Sept. 26, 10 a. m., bids will be rec. by J. A. Daly, county clerk, to const. rein. conc. girder bridge over creek above Napa Soda Springs in Supervisor Dist. 2. Involves 61 cu. yds. conc.; 6,000 lbs. rein. steel; 500 cu. yds. embankment; fill at approaches. E. F. Ball, county engr.

MARIPOSA, Mariposa Co., Cal.—Security Bridge Co., Oceanside, Calif., (a) for timber approach, \$19,988 and (b) for concrete approach, \$27,500, submitted low bid to county supervisors to construct 180 ft. steel bridge at Bagley. Other bids: Union Constr. Co., Balfour Bldg., San Francisco (a) \$22,171; (b) \$23,782. A. W. Kitchen Co., 110 Market St., San Francisco (a) \$23,805; (b) \$28,767. Bids taken under advisement.

SACRAMENTO, Cal. Bids were opened on Sept. 5 by the Calif. Highway Commission for the following highway improvement:

Mendocino County, across East Branch of Russian River, about 6 miles north of Ukiah (1-Men-15-A), a reinforced concrete bridge consisting of 2 44-foot reinforced concrete girder spans with the necessary pier abutments and wing walls.
W. L. Procter, Santa Rosa, \$10,980.50
Recca & Calvert, San Rafael, 11,675.25
C. H. Gilder, S. F., 12,272.00
Engineer's estimate, 15,260.00

SAN FERNANDO, Cal.—The movement in favor of a bridge on the state highway across the Pasadena wash east of Madley Ave. above San Fernando city limit is growing. A committee has been formed to present the matter to the Board of Public Works, Los Angeles, and County Supervisors and to devise ways and means to secure the necessary work done. L. A. City Engineer Department's estimate cost at \$63,000.

SALINAS, Monterey Co., Cal.—The Standard Industrial Engineering Corp. of San Francisco, constructing the Hilltown bridge, has furnished to the County Supervisors a satisfactory bond and will continue with the contract.

IRRIGATION PROJECTS

EAGLE POINT, Ore.—Until Sept. 28, 10 a. m., bids will be rec. by Eagle Point Irrigation District, W. E. Hamand, sec., to const. main supply canal with all equipment, structures, etc. Work involves approx. 180,000 cu. yds. excavation. Deposit of \$10 required for plans.

MERCED, Merced Co., Cal.—Directors of Merced Irrigation District reject bids to const. metal flume on timber sub-structure with conc. footings and work will be done by district under supervision of R. C. Starr, ch. eng.

MERCED, Merced Co., Cal.—P. L. Burr, 512 Mission St., San Francisco, at \$24,700 awarded contract by Merced Irrigation District to const. rein. conc. siphons, incl. spillway and check structure, also to const. 1300 lin. ft. of tunnel driven through cemented rock and hardpan, timber lined, \$24 lin. ft. for tunnel and \$55 per M. B. M. for timber lining. R. C. Starr, ch. eng. for district.

MERCED, Merced Co., Cal.—Until Sept. 22, 11 a. m., bids will be rec. by W. D. Wanger, sec. Merced Irrigation District, for excavation and earthwork

construction on Fairfield canal system of district; 8.6 miles of main canal and 7.1 miles of laterals. Jas. C. Starr, ch. eng. For further details see call for bids under official proposal section in this issue.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Until 11 a. m., Sept. 11, bids will be rec. by Board of public works to install ornamental lighting system in Miramonte-Ebenezer lighting dist. Plans and spec. on file at office of City Electrician, south city hall annex.

PASADENA, Cal.—Until 10 a. m., September 20, bids will be rec. by City Clerk Bessie Chamberlain to const. ornamental lighting system in Los Robles Ave., bet. 200 ft. N. and 205 ft. S. of Alpine St. S. ornamental iron posts, iron conduits and appurtenances. Chk. for 192.

MACHINERY

NEWPORT BEACH, Cal. Bids received by City Trustees for furnishing and installing two stage centrifugal pumping unit at the city pumping plant, were: Maunick Iron Works, Manassas, Mich., \$1250.10; L. Newport, no installation, ship 40 days; Bryon Jackson Iron Works, L. A., \$1192 installed, \$1736 with extra fittings, deliver 30 days and 45 days, respectively. Worthington Co., L. A., \$1225.30 days; Fairbanks, Morse Co., \$1380.30 days; Ford & Geisrine, San Francisco, \$998.45 days; Shipn-Hollick-Lyon, L. A., \$1781. American Pump Co., L. A., \$941.30 days; Paul E. Kresley, H. W. Hollman Bldg., Construction Engineer.

PASADENA, Cal. City Director will purchase a steam shovel in the immediate future to be used in connection with the construction of roads into the Arroyo Seco in the vicinity of the new stadium.

REEDLEY, Fresno Co., Cal.—Until Sept. 18, 8 p. m., bids will be rec. by Marion Deenen, clerk, Reedley Joint Union High School District, for, and del. one or more motor trucks with bus bodies for carrying 35 pupils; bodies to be equipped with cross seating, center aisle and front entrance only. Trucks equipped with electric starter, lights and horn, rear sight, speedometer, speed regulation, etc. Alternate bids on varieties in equipment incl. tires will be considered. All prices to be f. o. b. Reedley.

LOS ANGELES, Cal.—Until 3 p. m., Sept. 19, bids will be received by public service comm., 207 S. Edwy., for high voltage transformers; spec. No. P-287. Jas. P. Vroman, secy.

RAILROADS

LOS ANGELES, Cal. Work will be started within a month on the first unit of a freight terminal for Southern Pacific Ry., covering a 2-mile strip along the San Fernando road extending north from the N. Grand St. bridge. About 51,000 cu. yds. of grading and 17,000 ft. of track will be involved in the work to be started first. Company contemplates doing the work with its own forces. A 150-ton railway scale will also be installed. The complete project will cover about 700 acres and will comprise in addition to tracks, roundhouse, repair shop, water tanks and other appurtenances.

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Can you reach one quarter the amount of interested people through any other news service published in this section? We think not—in fact, we know you cannot.

If you want *competition*—if you want *independent* contractors to figure your job—if you want the *lowest possible bid*—send particulars of your project to

Building & Engineering News

SAN FRANCISCO.—Following bids received by Board of Public Works for street cars and equipment for Municipal Railway System:

For 20 street car bodies: American Car & F.W. Co. (a) delivered place of manufacture, \$7,550; (b) delivered California, \$8,150.

St. Louis Car Co. (a) \$7,400; (b) \$7,988. Bethlehem Shipbuilding Co. (a) \$7,926, (b) low bidder.

For 20 street car trucks: Stand. Motor Truck Co. (a) delivered place of manufacture, \$1,325; (b) delivered at San Francisco, \$2,051.68.

Engineering Products Co. (a) \$1,526; (b) \$2,129.

St. Louis Car Co. (a) \$1,658; (b) \$2,300.

Baldwin Locomotive Works (a) \$2,250; (b) \$2,445.

For motor equipment: Westinghouse Elec. & Mfg. Co. (a) delivered place of manufacture, \$500; (b) fur. and del. spare parts, \$1,177.31.

For air brake equipment: Westinghouse Traction Brake Co. (a) f. o. b. place of manufacture, \$516.55; (b) fur. and del. spare air compressors, \$677.

Allis Chalmers Mfg. Co. (a) \$521; (b) \$560.

LOS ANGELES, Cal.—Until 10 A. M., September 10, bids will be received by Harbor Commissioners, 312 Byrne Bldg., Third and Broadway, for railroad tracks. Specification 116. Guy W. Wade, Secretary.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

SACRAMENTO, Cal.—The Mathews Construction Co., Forum Bldg., Sacramento, at \$770,951 awarded contract by City Commission to construct rapid sand filtration plant and appurtenances, being the filtration plant portion of the Pumping and Filtration works of the City of Sacramento, comprising the construction, complete, of sedimentation and coagulation basins having an aggregate capacity of approximately 10,000,000 gallons; eight rapid sand filters of concrete, having a nominal capacity of 32,000,000 gallons a day; a superstructure over the operating gallery of the filters, a headhouse for administration, pump house, which there is a 200,000 cu. ft. elevated steel water tank for filter washing purposes; a concrete pump having a capacity of approximately 200,000 gallons, a coagulant building and outside piping, excavation and embankment and roadways and paths.

Following are approximate quantities of materials involved in the work: 11,500 cu. yds. concrete; 170 concrete reinforcement bars; 100,000 cu. yds. of reinforcing material; 17,000 cu. yds. excavation; 6000 cu. yds. rolled fill; 300,000 cu. yds. of general fill or embankment. In addition to the above features a considerable amount of building construction and mechanical equipment, including cast iron pipe and fittings, gate valves, sluice gates, hydraulic and electrical controlling devices, conveyors, pulverizers, etc., are involved. George J. Calder is resident engineer for the project.

SANTA ROSA, Sonoma Co., Cal.—Until Sept. 11, 12 m., bids will be received by W. J. Adams, county clerk, to construct Two Rock-Fallon road, Sec. A, 1½ miles in length, involve 3900 cu. yds. unclassified excavation; 1180 cu. yds. crushed rock; 14,180 sq. ft. asphalt; 24 in. 12 in. 75 lin. ft. 12 in. 26 lin. ft. 18 in. and 26 lin. ft. 24 in. iron pipe; 10 cu. yds. conc. in headwalls.

Separate bids, same date, to const. Petaluma-Valley Ford highway, secs. 2 and E, 2.17 miles in length, involve 9000 cu. yds. excavation; 1910 cu. yds. crushed rock; 22,916 sq. yds. surfacing; 60 lin. ft. 12 in. 112 lin. ft. 15 in. 104 lin. ft. 18 in. and 84 lin. ft. 24 in. corr. iron pipe; 20 cu. yds. conc. in headwalls. R. Press Smith, county surv.

OAKLAND, Alameda Co., Cal.—Bids will be received until October 2, 1922, by Geo. E. Gross, Clerk of Alameda County, for the construction of concrete roads at the County Infirmary. Estimated cost from \$18,000 to \$20,000.

TUSCON, Ariz.—Borderland Constr. Co., contr. by city council, Imp. 3rd St., involve 23,000 sq. yds. grading at 25c ft., 4730 lin. ft. 16-in. gutter at 55c ft., 475 lin. ft. 32-in. gutter at \$1 ft.; 100 lin. ft. 14-in. curb at 65c; 12 mon. 12 in. 14 in. c. l. water pipe, and installing service pipes complete.

Rosebale St., involve 1052 ft. grading, 31,100 sq. ft. oil surface, 2037 ft. curb, 10,253 sq. ft. walk, 1199 ft. laying (only) 4-in. c. l. water pipe. C. L. Hill city eng.

GLENDALIE, Cal.—Until 7 p. m., Sept. 7, bids will be rec. by City Clerk Van Winkle for improving:

Millford St., involve 980 lin. ft. grading, 3984 sq. ft. cem. gutter, 28,862 sq. ft. 3-in. oil macadam, laying (only) 1008 ft. 4-in. c. l. water pipe, and installing service pipes complete.

Rosebale St., involve 1052 ft. grading, 31,100 sq. ft. oil surface, 2037 ft. curb, 10,253 sq. ft. walk, 1199 ft. laying (only) 4-in. c. l. water pipe. C. L. Hill city eng.

SAN DIEGO, Cal.—California Constr. Co., 528 Granger Bldg., submitted low bid to city council Aug. 28, at 15.8c sq. ft. for paving F St. bet. 16th and 25th Sts., with 1½-in. asph. conc. wearing surface on 2½-in. asph. conc. base; approx. 153,245 sq. ft. Other bids were Geo. R. Daley, 15.5c; Birchchild-Gilmore-Wilton Co., 16.8c. Referred to City Engr F. A. Rhodes.

VENTURA, Cal.—Fairchild-Gilmore-Wilton Co., Los Angeles Ry. Bldg. Los Angeles, at \$164,495.71 awarded contract by city trustees, for paving certain streets in Ventura, involve 166,221 sq. ft. grading at 3.6c ft.; 166,221 sq. ft. 4-in. cem. conc. pavement at 16.3c ft.; 662,306 sq. ft. 2½-in. bitum. base with 1½-in. asph. conc. surface at 11c ft.; 13,213.7 ft. curb at 55c ft.; 26,144 sq. ft. conc. gutter at 28c ft.; and 2144.8 sq. ft. sidewalk at 20c ft. E. M. Lynch, Central Bldg., Los Angeles, consulting eng.

MODESTO, Stanislaus Co., Cal.—Until Sept. 13, 8 p. m., bids will be received by L. A. Love, city clerk, to const. storm sewer No. 1, involve 16,069 cu. yds. excavation; 3701 lin. ft. 8-in., 2604 lin. ft. 10-in., 639 lin. ft. 12-in., and 1691 lin. ft. 14-in. vit. pipe; 2556 lin. ft. 30-in., 2893 lin. ft. 24-in., 871 lin. ft. 30-in., and 2213 lin. ft. 36-in. rein. conc. pipe; 14 ft. 30-in. corr. iron pipe No. 10 gauge; 36 br. manholes; 2 special manholes; 87 cement conc. inlets. Geo. Freitas, city eng.

BAKERSFIELD, Kern Co., Cal.—City Eng. W. D. Clarke completes spec. to improve following streets:

Portions of B. F. G. H. I. 7, 10, 14 and 16th Sts., (St. Dist. Imp. 453) involve 4023 sq. ft. conc. curb; 23,833 sq. ft. conc. walks.

Kern St., bet. Jackson and Lake, involving 813 lin. ft. conc. curb; 2672 sq. ft. gutter; 33,952 sq. ft. conc. base with 1½-in. Warrenite surface.

Oregon St., bet. Baker and Beale, involving 3259 sq. ft. conc. gutter; 48,121 sq. ft. 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface.

LOS ANGELES.—W. D. McCray, 416 Amer. Nat. Bank Bldg., awarded contr. by Board of Public Works at \$146,272.25, to pave 18th St., bet. Centre and Patton Sts., San Pedro, involve 49,913 sq. ft. grading to fish subgrade at 25c ft.; 20,500 sq. ft. curb at 65c ft.; 40,322 sq. ft. cem. walk at 22c ft.; 21 sq. ft. gutter at 30c ft. storm drain compl. \$6200; sanitary sewer sewers at \$1.25 ft. pipe culvert compl. \$170.

Geo. R. Curtis, 2440 E 26th St. awarded contr. at \$23,044.70 for paving Victoria Ave., bet. Tenth St. and Country Club Dr., involve 71,289 sq. ft. grading at 40c ft.; 71,289 sq. ft. asph. paving at 24c ft.; 1632 sq. ft. grading and milling at 7c ft.; 98,51 ft. curb at 70c ft.; 125,70 sq. ft. walk at 25c ft.; 4798 sq. ft. gutter at 28c ft.; 489 ft. house sewers at \$1.25 ft.

Wm. Liddington, 420 E 60th St., awarded contr. at \$1275.11 for paving first alley S. of Seventh St., bet. Whittier and Valencia Sts., involve 4055 sq. ft. grading to finish subgrade at 10c ft.; 4055 sq. ft. cem. conc. paving at 21.25c ft.; 11,332 ft. cem. curb at 70c ft. Engr's est. \$1387.19.

STOKANE, Wash.—City Council will improve North side water system at cost of \$200,000, including construction of \$80,000 reservoir in Minnehaha Park.

PORTLAND, Ore.—Teller and Allyn, at \$120,234 submit low bid to Public Dock Commission to const. extension (230x150) to Pier 1 and Municipal Terminal 4. Bids will be asked shortly for substructure for ventilated storage warehouses, 600x120 ft.

YUMA, Ariz.—Until Sept. 11, bids will be received by Thomas Maddock, state highway engr., care of Yuma county highway commission, Yuma, for constructing Yuma-Phoenix highway, federal and project No. 55. The work consists of approx. 50,000 cu. yds. excav., 15,000 cu. yds. borrow, 73,000 cu. yds. surfacing, 2100 cu. yds. rock and other incidental items. The work will be divided into four schedules: bids upon schedule No. 1 will be opened at 1 p. m. bids upon No. 2 at 2 p. m.; bids upon No. 3 at 3 p. m.; and bids upon No. 4 at 1 p. m. Cert. chks. 5%.

GLENDALIE, Cal.—Cornwell & Henderson, 127 S. Glendale Ave., Glendale, awarded contr. by city council at \$26,786.10 for paving Columbia Ave., involve 1475 lin. ft. grading at \$1 ft., 141,298 sq. ft. 3-in. oilf. macad. at 9c ft., 2581 lin. ft. curb at 50c ft., 17,436 sq. ft. walk at 17c ft., 3460 lin. ft. 6-in. c. l. water pipe at \$1.30; 37,751.96; Ducey & Truittstein, \$29,146.40; Peter L. Ferry, \$27,555.78; Napier & Simpson \$28,752.80; E. L. Fleming, \$31,432.22; W. T. Curran, \$31,241.28.

OROVILLE, Butte Co., Cal.—Until Sept. 18, 11 A. M., bids will be received by C. P. Belding, County Clerk, for furnishing and placing 100,000 tons and 1,500 tons screened gravel, along Section C of Oroville-Pentz-Magalia county bond road. Certified check for 10% or cash. H. H. Hume, County Surveyor.

STOCKTON, San Joaquin Co., Cal.—Bids will be asked in about 30 days by the San Joaquin county supervisors for the following road improvements: Louise Ave., in Summer House tract, 4 miles, involve 4500 cu. yds. grading; 8500 tons rock; 7736 bbls. asphaltic oil. Quinsby Ave., from Los south to Kennedy Lane, thence 1.5 miles west, involve 2500 cu. yds. grading; 5472 tons rock; 525 bbls. asphaltic oil.

Duncan Road, bet. Waterloo and Linden roads, approx. 2 miles, involve 2500 cu. yds. grading; 4300 tons rock and 736 bbls. asphaltic oil.

Austin road, 3.6 miles, involve 5000 cu. yds. grading; 7600 tons rock and 776 bbls. asphaltic oil.

Exley road, No. 444, involve 6500 cu. yds. grading.

Grabam road, from Waterloo road to 3½ mile east of Tokay school, involve 3500 cu. yds. grading and 4450 tons gravel.

Central Ave., in Summer House Tract, involve 2500 cu. yds. grading; 4200 tons rock and 308 bbls. asphaltic oil.

F. E. Quail, county surv.

LOS ANGELES, California.—Belmont Shore Co., 1015 Marsh-Strong Bldg., awarded contr. by county supervisors at \$116,500 to const. conc. pavement, curb, walk, sewer and storm drains on Corona Ave. and other streets near Alamitos Bay, 11,516 lin. ft. R. D. I. No. 237. J. G. Beckford bid \$134,500.

SAN JOSE, Santa Clara Co., Cal.—J. F. Adams, 636 Home St., submitted only bidder, at \$19,845.50 awarded contr. by supervisors to imp. King road in Supervisor District 2. Surveyor's estimate, \$23,065.

Adams, at \$13,638, also awarded contr. to imp. Nagle Ave. in Supervisor Dist. 4. Surveyor's est. \$15,575. Adams was only bidder.

OAKLAND, Cal.—Bids will be asked by the county supervisors in the future to be opened on or about Oct. 30, to imp. roads at Alameda county infirmary. Work will consist of conc. curbs, gutters, walks, paving, sewers, tile drain, etc. Est. cost, \$18,000. Geo. A. Posey, county surv.

SAN JOSE, Santa Clara Co., Cal.—No bids received by county supervisors to imp. Washington St. town of Santa Clara. New specifications will be prepared and bids again asked. Irving Ryder, county surv.

ARCATA, Humboldt Co., Cal.—Until Sept. 15, 8 p. m., bids will be rec. by W. A. Beer, city clerk, to const and grade a street beg. at intersection of 9th and E Sts., thence along E St., and connecting with proposed new road running from Humboldt State Teachers' College to Arcata city limits. Cert. check 5% req. Spec. may be had from clerk.

GLENDALE, Cal.—Napier & Simpson, San Fernando, awarded contr. by city council at \$21,579.06 to pave Pacific Ave. with oil-bit macad., involving 153,382 sq. ft.

SACRAMENTO, Cal.—Until Sept. 20, 10 a. m., bids will be received by W. H. Hall, county clerk, to const. conc. highway beg. at present highway on Lower Stockton road in Sec. 5, Township 7 N., Range 3 E. M. B. & M. and extending north one mile.

Separate bids, same date, to const. conc. highway on Lower Stockton road beg. at Sacramento city limits extending south one mile. Cert. check 10% payable to Chairman of Sups. Chas. Helderling, county surv.

LOS ANGELES, Cal.—Until 11 a. m., Sept. 25, bids will be received by county supervisors to pave Walnut Dr., bet. Washington Blvd. and Ballona Creek, in tract Dist. No. 1, 4259 lin. ft. or .81 mi., involving 2545 cu. yds. excav.; 12,727 sq. yds. shaping roadbed; 7575 sq. yds. conc. pavement, 6-in. thick by 16 ft. wide; 46,377 sq. ft. conc. gutter; 8574 lin. ft. conc. gutter; 8574 lin. ft. conc. curb, wooden spillway. County furnishes 4500 bbls. cement.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 2, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to improve Washington St. town of Santa Clara, Supervisor Dist. 4.

Separate bids, same date, to improve Bodfish Mill road from Station 351825 to Station 352000, Supervisor District No. 1, Irving Ryder, county surv.

LIVE OAK, Sutter Co., Cal.—Until Sept. 15, 12 m., bids will be rec. by H. Heinrich, sec. 1, Mendocino District No. 2956, for excavation of 400,000 cu. yds. of earth in canals, laterals and sub-laterals in addition to const. bridges, culverts, etc. See call for bids under official proposal section in this issue.

SANTA CRUZ, Santa Cruz Co., Cal.—County supervisors reject bids for crushed rock, base rock, screenings and road oil. The materials will be purchased in the open market.

CALIFORNIA—Following contracts awarded by State Highway Commission:

Monterey county, bet. Anderson Canyon and Sur river, 13.1 miles grading, to Geo. Pollock Co., Forum Bldg., Sacramento, \$78,800.50.

Colusa and Sutter counties, bet. Colusa and Long Bridge, 10.9 miles grading and paving, awarded en corru. metal pipe basis, to Bonnell, Savage and Lee, Tacoma, Wash., \$113,764.80.

Los Angeles county, bet. Saugus and 1/4-mile northwest of Castaic school, 9.1 miles surfaced with Port. cem. conc. shoulders, to Sam Hunter, Santa Barbara, at \$58,012.50.

Amador county, bet. west boundary and Central house, 7.6 miles surfaced with gravel and 9.3 miles grading, awarded to Blumenkranz and Vernon, Stockton, \$102,377.80.

DAILY CITY, San Mateo Co., Cal.—City Engineer Ed. Kneese completes spec. to imp. various streets, involving 87,910 sq. ft. 1-in. conc. base with 1 1/2-in. Topoka surface pavement; 6,349 lin. ft. conc. curb and gutter; 2,165 lin. ft. 4-in. vit. lateral sewers; 6 catchbasins; 550 ft. 10-in. vit. pipe; 550 sq. ft. conc. walks and 4,600 cu. yds. grading.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. 27, 28, 29 and 30th Aves., between Union and Vicente Sts., est. cost, \$40,000. Involves 6101 cu. yds. cut; 1706 cu. yds. fill; 576 lin. ft. 8-in. vit. sewer; 40 wye branches; 1 br. manhole; 4800 lin. ft. conc. curb; 10,000 sq. ft. conc. pavement; \$6,000 sq. ft. asphalt conc. pavement.

Spec. completed to imp. La Playa St., bet. Irving and Judah, est. cost \$5000, involving 600 lin. ft. conc. pavement; 1200 sq. ft. conc. gutter; 10,500 sq. ft. asphalt conc. pavement.

Spec. completed to imp. Paris St., bet. Italy and Amazon, est. cost \$5280, involving 800 lin. ft. conc. curb; 6000 sq. ft. asphalt conc. pavement and 10,000 sq. ft. conc. pavement.

CHICO, Tuttle Co., Cal.—City Trustees propose to pave streets costing between \$12,000 and \$150,000. Streets to be improved are: Sixth and Seventh, bet. Main and Broadway; Second from Main to Edweld Park entrance; Wall, bet. Second and Fifth; Third from Main to Wall; Second from Chestnut to Orange; Third and Fourth, bet. Salem and Orange; Normal Avenue, Chestnut, Hazel, Ivy and Cherry from First to Fifth; Orange, bet. Fourth and Fifth. E. S. Robinson, City Engineer.

REDWOOD CITY, San Mateo Co., Cal.—Chambers & De Golver, Bacon Bldg., Oakland, at approximately \$8500 has been awarded a contract by the Trustees to construct vitrified sewers in Jefferson acres and at \$2,800 for vitrified sewers in Standish and Rogers streets.

BAXTER, Cal.—Fred W. Teschke, Los Angeles, was awarded contract at \$25,052.25 to pave 2.92 miles of highway through Fairfax.

LAFAYETTE, Santa Clara Co., Cal.—City Engineer has prepared plans for sewer work involving 3,500 lin. ft. 14-in., 1400 lin. ft. 8-in., and 1500 lin. ft. 6-in. pipe.

SANTA BARBARA, Cal.—San Hunter awarded contract by Council at \$35,669.50 for paving Grand Ave. and portions of Bonita and other streets with 4-in. cement concrete, constructing cement curb, walks catchbasins, 6-in. san. sewer.

James T. O'Connell awarded contract at \$18,716.88 for grading Gutter-rez St. between Milpas St. and Around-the-City Blvd., and constructing combined cement concrete, curbs and 8-ft. gutters, concrete curb returns, driveways and cross-gutters.

A. J. Pandola awarded contract at \$10,947.45 for paving Michelena St., bet. San Andreas and Pineda Sts., with 4-in. cement concrete base and 1 1/2-in. asphalt concrete wearing surface.

OAKLAND, Cal.—Until September 11, 12 M., bids will be received by Eugene K. Burgess, City Clerk, to improve Madeline street, from Maple street, northwest, involving 29,766 sq. ft. grading; 1127 lin. ft. concrete curb; 2,361

sq. ft. concrete gutter; 15,764 sq. ft. oil macadam pavement; 4828 sq. ft. cement walks; 26 lin. ft. wooden culvert. W. W. Harmon, City Engineer.

MARYSVILLE, Yuba Co., Cal.—Spencer D. Miller, Manteca, at \$11,318 awarded contract by supervisors to grade and gravel Dobbins road. D. C. Hogue, of Marysville, bid \$15,726.

LOS ANGELES, Cal.—Nick Bebek, 425 W. 78th St., submitted low bid to the Board of Public Works at \$22,550 for constructing sewers in McFarland St., bet. L and Anaheim Sts., involving 8701 ft. 8-in. sewer pipe and 4357 ft. 6-in. house sewers.

P. I. Armadich submitted low bid at \$1870 to construct sewer in Bellevue Ave., bet. Reno and Dillon Sts., involving 565 ft. 6-in. pipe and 703 ft. house sewers.

M. Simunovich, 2705 W. 66th St., Hyde Park, submitted low bid at \$977 to construct sewers in Commonwealth Ave., bet. Sunset Blvd. and 133 ft. S of Sunset Drive, involving 299.5 ft. 6-in. cement pipe sewer and 88 ft. house sewers.

M. Simunovich, submitted low bid at \$3678 for sewer work in Park Drive, between first alley S of Taylor St. and 498 ft. S of Morton Ave., involving 495 ft. 6-in. cement sewers and 222 ft. house sewers.

Nick Bebek, submitted low bid at \$5400 for sewer work in Manzanita St., bet. Santa Monica Blvd. and South Walk.

EL CERRITO, Contra Costa Co., Cal.—Until Oct. 6, 3 p. m., bids will be rec. by H. L. Van Fleet, sec., Stege Sanitary District for sewer extensions. Plans may be had from J. E. Peters, 188 San Pablo Ave., Richmond. See call for bids under official proposal section in this issue.

STATE WATER COMMISSION

California—Following is a partial list of applications for permits to appropriate water, filed with the State Department of Public Works, Division of Water Rights, during the month of August, 1922.

Applications

Application No. 2966 (Sierra Co.) Roy H. Elliott, 1213 Hobart Bldg., San Francisco, Cal., for 100 cu. ft. per sec. and 30,000 ac. feet storage from Sardine Creek and Salmon Creek, for power purposes. Proposes to develop 113,919 theoretical horsepower. Dam to be 150 feet high, 15 miles of conduits and tunnels. Est. cost, \$1,250,000.

Application No. 2977 (San Bernardino County) San Geronimo Power Co., Care of W. L. Huber, First Natl. Bank Bldg., San Francisco, Cal., for 16 cu. ft. per second from an artificial irrigation channel tributary to San Geronimo River, for generation of electric power in Secs. 2 and 3, T. 28, R. 1E. Purposes to develop 4357 theoretical horsepower to Est. cost, \$298,953.

DAILY PACIFIC BUILDER

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560 MISSION STREET

SAN FRANCISCO, CAL.

Application No. 2979 (Butte County) Oroville-Wyandotte Irrigation District, Oroville, Cal., for 210 cu. ft. per sec. from Lost Creek, for irrigation of 31,650 ac. now in or to be included in the Oroville-Wyandotte Irrigation District. Proposes 33.8 miles of Main ditch line. Est. cost, \$298,916.

Application No. 2981 (Nevada and Placer Counties) Nevada Irrigation Co., Grass Valley, Cal., for 500 cu. ft. per second from Bear River, for developing of electric power. Proposes to develop 24,000 theoretical horsepower.

Application No. 2982 (Nevada and Placer Counties) Nevada Irrigation Co., Grass Valley, Cal., for 50 cu. ft. per sec. from Bear River, for development of electric power. Proposes to develop 28,900 theoretical horsepower.

Application No. 2992 (San Diego Co.) Ed. Fletcher, Fletcher Bldg., San Diego, Cal., for 44,225 ac. ft. per annum from San Diego River, for municipal purposes in the City of San Diego. Est. cost, \$1,250,000.

Application No. 2992 (San Diego Co.) The City of San Diego, Care of H. N. Savage, 320 McNece Bldg., San Diego, Cal., for 75 cu. ft. per sec. and 1200 ac. ft. per annum from Plum Creek, for municipal purposes in City of San Diego. Proposes Main Canal 11 miles long. Dam to be 175 feet high. Est. cost, \$1,300,000.

Application No. 2993 (San Diego Co.) City of San Diego, Care of H. N. Savage, 320 McNece Bldg., San Diego, Cal., for 75 cu. ft. per sec. and 2000 ac. ft. per annum from Tattlesnake Creek, for municipal purposes in City of San Diego.

Application No. 2994 (San Diego Co.) City of San Diego, Care of H. N. Savage, 320 McNece Bldg., San Diego, Cal., for 75 cu. ft. per sec. and 2000 ac. ft. per annum from Tunnel Two Creek, for municipal purposes in City of San Diego.

Application No. 2995 (San Diego Co.) City of San Diego, Care of H. N. Savage, 320 McNece Bldg., San Diego, Cal., for 75 cu. ft. per sec. and 2000 ac. ft. per annum from Matchin Creek, for municipal purposes in City of San Diego.

Application No. 2996 (Amador Co.) J. W. Preston, Jr., 350 Post St., San Francisco, Cal., for 225 cu. ft. per sec. from North Fork Mokelumne River, for power purposes. Proposes to develop 26,000 T. H. P.

Application No. 2997 (Amador Co.) J. W. Preston, Jr., 350 Post St., San Francisco, Cal., for 225 cu. ft. per sec. from North Fork Mokelumne River, for irrigation of 50,000 acres in Jones and Jackson Valleys and in the vicinity of Galt. Main ditch to be 7 miles long.

Application No. 2998 (Amador Co.) J. W. Preston, Jr., 350 Post St., San Francisco, Cal., for 225 cu. ft. per sec. from Sutter Creek, for power purposes. Proposes to develop 31,000 T. H. P. Main ditch to be 9.5 miles long.

Application No. 3000 (San Diego Co.)

George T. Simpson, Point Loma, Cal., for 175 cu. ft. per sec. and 200 cu. ft. per annum from Santa Maria Creek, for irrigation of 135 acres near point of diversion. Est. cost, \$12,000.

Application No. 3001 (San Diego Co.) George T. Simpson, Point Loma, Cal., for 175 cu. ft. per sec. and 200 cu. ft. per annum from Santa Maria Creek, for power purposes in Sec. 11. Proposes to develop 100 T. H. P. Est. cost, \$12,000.

Application No. 3004 (Placer and Eldorado Counties) Henry Worth, Auburn, Cal., for 2000 cu. ft. per sec. and 2,100,000 ac. ft. per annum from American River, for irrigation of 400,000 acres. Proposes canal 30 miles long terminating in Sec. 1, T. 13 N., R. 3 E.

Application No. 3005 (Placer and Eldorado Counties) Henry Worth, Auburn, Cal., for 1600 cu. ft. per sec. and 2,000,000 ac. ft. per annum from North and Middle Fork American River, for power purposes in Sec. 1, T. 12 N., R. 3 E. Proposes to develop 28,800 T.H.P.

Application No. 3008 (Trinity Co.) W. H. Samson, Corning, Cal., for 2000 cu. ft. per sec. and 1,000,000 ac. ft. per annum from Trinity River, for irrigation of lands in the Sacramento Valley south of Red Bluff. Est. cost, \$5,000,000.

Application No. 3009 (Trinity Co.) W. H. Samson, Corning, Cal., for 2000 cu. ft. per sec. and 1,000,000 ac. ft. per annum from Trinity River, for irrigation of lands in the Sacramento Valley south of Red Bluff. Est. cost, \$5,000,000.

Application No. 3011 (Madura Co.) San Joaquin Light & Power Corp., Fresno, Cal., for 150 cu. ft. per sec. from Whiskey Creek, for power purposes. Proposes to develop 24,205 T.H.P.

Application No. 3013 (Riverside Co.) Prescott T. Stevens, 7353 Sunset Blvd., Los Angeles, Cal., for 10 cu. ft. per sec. from Whitewater River, for power purposes in Sec. 18, T. 3 S., R. 4 E. Proposes to develop 454.5 T. H. P. Est. cost, \$75,000.

Application No. 3014 (Sacramento and El Dorado Counties) A. J. Cleary, 440 Mills Bldg., San Francisco, Cal., for 500 cu. ft. per sec. and 72,000 ac. ft. per annum from South Fork American River, for irrigation purposes.

Permits Issued

Permit No. 1098, App. No. 1446 (San Joaquin County). Issued to Santa Joaquin Irrigation District, Manteca, Cal., for 150 cu. ft. per sec. from Stanislaus River, for irrigation of 28,520 acres within boundaries of South San Joaquin Irrigation District. Main canal 13.5 miles in length. Est. cost, \$75,000.

Permit No. 1099, App. No. 1241 (Kings County). Issued to G. Albert Smith, care of Collins and Collins, Attys., Fresno, Cal., for 98.89 cu. ft. per sec. and 18,729 ac. ft. per annum from Kings

River, for irrigation of 7911.12 acres near point of diversion.

Permit No. 1101, App. No. 1756 (Sutter County). Issued to Sutter Mutual Water Co., Grafton, Cal., for 15.93 cu. ft. per sec. from Sacramento River, for irrigation of 1274.5 acres in Ts. 13 and 14 N., Rs. 1 and 2 E.

Permit No. 1107, App. No. 1762 (Sutter County). Issued to Sutter Mutual Water Co., Grafton, Cal., for 14.00 cu. ft. per sec. from Sacramento River, for irrigation of 1120 acres.

Permit No. 1108, App. No. 1763 (Sutter County). Issued to Sutter Mutual Water Co., Grafton, Cal., for 6.0 cu. ft. per sec. from Sacramento River, for irrigation of 480 acres.

Permit No. 1109, App. No. 567 (San Diego County). Issued to Ed. Fletcher, 920 Eighth St., San Diego, Cal., for 30.00 cu. ft. per sec. from Santa Ysabel Creek and Black Canyon Creek, for power purposes. Proposes to develop 3024 theoretical horsepower. Est. cost, \$350,000.

BUSINESS OPPORTUNITIES

Further information regarding these opportunities may be had from the Domestic Trade Department, San Francisco Chamber of Commerce, Merchants Exchange Bldg., by furnishing index number:

D-212—Chicago, Ill. Construction company desires to make attractive proposition to reliable concern who could distribute their complete line of concrete building mixers and other construction equipment, such as sidewalk curb and gutter forms.

D-216—Portland, Ore. Partner wanted in established radio and electrical supply business. Present partner hopelessly ill.

D-217—San Francisco, Cal. For Sale: One Standard 150-ton Truck (Railroad) Scales, new and in perfect condition; discount 50% from factory price.

D-217A—San Francisco, Cal. For sale: No. 10-A Federal Electric Butt Welder. Complete set of dies goes with this welder. Capacity 1 1/2 inches square steel. Pipe dies also go with this machine. Price, \$900 net.

D-218—Denver, Colo. Electric Washer and Dryer Company desires favorable manufacturing proposition, either on a contract basis or otherwise.

D-219—Denver, Colo. Oil engine company desires to get in touch with financial party or parties to carry on the manufacture of engine developed by them. The inventor offers his services along with the manufacturing enterprise. Descriptive circular on file.

D-221—Minneapolis, Minn. Concern who have perfected orchard tractor, endorsed by the University of Minnesota, desires to submit proposition to interested parties in California for the manufacture of same. They solicit your investigation.

SUBSCRIPTION BLANK

Cut Out and Mail Today

192.....

TO BUILDING AND ENGINEERING NEWS,
560 Mission St., San Francisco, Cal.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for \$4.00

Name

Street and No.

City State

"BUILDERS' DAY"

(Continued from Page 5)

Peter Bradley, whose business is plastering, declared: "We builders can do nothing when we get started."

The P. E. in 1915 was a big success. But how about Builders' Day?

Barbara Odgers, daughter of Joe Odgers, Baby Maillard, daughter of Maillard, the contractor, Claire Smith, daughter of A. Smith, and Josephine Crowe, daughter of J. B. Crowe, of Crowe Glass Co., offered tasty steps and songs following the Midnight Follies.

Gene Clancy, who sells cement, had a long talk with a member of the Bathing Revue. He got an order, but not for cement.

The lady who won the eard of wood donated by the Loop Lumber Co., said her husband wouldn't cut it; hence, she could not see where the prize had any value.

J. B. Crowe acted like the bird that does justice to his name. Up early every a. m. to get the boys started.

Alex Minnie wants to know why the water is so close to the beach at Capitola.

The Builders' Exchange Quartette of San Francisco did some good work. We should call on these boys often in the future.

Eduard Eden, staff correspondent for the San Francisco Chronicle, for his wonderful publicity work, was surprised by the Committee when presented with a tissue paper package elaborately decorated with colored ribbons. The package contained one of the hammers used in the nail driving contest.

Big things are accomplished only through much labor. The "Builders Day" outing was a big affair—bigger than expected. It took time and money to put it over. Credit is due to the Committee on Arrangements composed of Clarence F. Pratt, chairman; Chas. Gompertz, president of the State Association of Builders' Exchanges; C. E. Reinhart; R. B. Cleghorn; Steve Guerin; Wm. Peary; Emil Hogberg; J. B. Crowe; and Geo. Dixon, gentlemen, we thank you.

Miss Mabel Hes, recent arrival from England, visiting her uncle, Robt. H. Smith, San Francisco contractor, was awarded first prize in the Bobbed Hair Revue and was without a doubt worthy of the award.

Ed. G. Oden, whose business is Portland cement, the best made, there was accompanied by his jovial smile.

Tom Aulenchy, who builds joss houses in Chinatown, was on the job exchanging hand shakes with all the Democrats.

Joe Odgers was on the job all the time and showed the boys the openings—and there were many of them.

Crowe Glass Co. donated a sun visor. Fellow who won it says he never owned an auto and never expects to.

Bill Peary proved a hero. He answered the cry of a female: "There's a man in my tent." A mass of fur with two bright eyes, four legs and a long tail, Bill found upon investigation.

J. E. O'Connell declared the shortest hour of the three-day outing was that featuring the Bathing Girls' Revue.

Pat Pickleley did not win the marble

Many of the boys expressed their admiration for the wonderful "moonshine bathing" at Capitola.

John Doolowy showed some speed in the "Hot Point" contest.

Gunn, Carle Co., as a prize donated a "Service Creeper." A waiter, it is said, won the creeper, and is wondering when it'll be to do with it.

Charlie Gompertz says the boys who stayed at the hotel felt right at home because it was run on the "American Plan."

The donors of prizes to the outing and the advertisers in the program are firms who are always doing it. Read that program again, from cover to cover.

The Builders' Midnight Follies was good. There is plenty of good talent among the members of the San Francisco Exchange.

The Bricklaying contest for men was caused for considerable amusement. This proved that many of our brick con-

tractors while away from the trowel for many years can still shake a wicked wrist and throw up a wall in short order. This contest, of course, was run on the American Plan, for as Charlie Gompertz says: "That is why the wall went up so fast and that is why the boys got damp around the hat band."

Tess Reilly, daughter of Pat Reilly, building the Reedley High School, won second place in the Prize Waltz.

Ralph McLeeran, our future mayor, did not take part in the 250-yard dash. George Dixon and Al Drubrow had a feature of their own—the 3 a. m. fire drill.

Elmer Gallagher and his dog "Liquor" had several rounds of applause.

"Mr. Schoolt" was in demand. They say he's a friend of Steve Guerin.

Young Jim Fennell, the "longest" member in the Builders' Exchange, featured some classy stuff in a third story window.

E. J. Cardinal, one of the Follies, was declared the champion one arm man at Capitola.

Stark, the printer, wants to know who in hell that fellow "Mr. Schoolt" is?

Geo. Dixon was very, very busy. Handling affairs in Room 16 and showing his lady companion all there was to be seen in and around Capitola.

"Builders' Day" Outing Prize Awards

GATE PRIZES

First Prize—Beautiful silver vase—Made by Shreve & Co., donated by Henry Cowell Lime & Cement Co.; won by Albert Knowles, S. F., son of Bob Knowles, plasterer.

Second Prize—Carload of crushed rock. Donated by The Granite Rock Co.; won by T. Gorzica, Santa Cruz.

Third Prize—Carload Niles sand. Donated by The Coast Rocks and Gravel Co.; won by E. Bateman, S. F., son of Wm. Bateman, contractor.

Fourth Prize—Pianophone. Donated by the Coblendick-Kibbe Glass Co.; won by Jos. Delarin, Santa Cruz.

Fifth Prize—Freight paid and shipper record book. Donated by Clarence F. Pratt, publisher; won by George Gray, Santa Cruz.

Sixth Prize—Ten Nephi Hardwall plaster. Donated by Nephi Plaster Manufacturing Co.; won by T. M. Coram, Watsonville.

Seventh Prize—National Surety Co., \$20 cash; won by W. C. Thurman, Soquel.

Eighth Prize—Mirror centerpiece for table. Donated by W. P. Fuller & Co.; won by Geo. E. Bridges, S. F.

Ninth Prize—Pabolin rug. Donated by the Paraffine Co., Inc.; won by Miss A. Burjaeger, San Jose.

CONTEST PRIZES

Bathing Girls' Revue

First Prize—\$10 gold piece. Donated by California Brick Co.; won by Mrs. Betty Greco, S. F.

Second Prize—Electric percolator. Donated by Enterprise Electric Works; won by Mrs. Frances Preuer, S. F.

Third Prize—Carload of Marysville, Pratteco Amber or American River sand. Donated by Pratt Building Material Co.; won by F. C. Sommers, Santa Cruz.

Second Prize—Hot point toaster and rack. Donated by Waterhouse-Wilcox Co.; won by M. S. Teixeira, Fresno.

Bobbed Hair Revue

First Prize—\$16 gold piece. Donated by D. Zelinsky & Sons; won by Miss Hes.

Second Prize—\$5 in cash. Donated by American Plan Contracting Plasterers' Association; won by Wm. A. Wellman.

Ladies' Bricklaying Contest

First Prize—Half ton of coal. Donated by J. S. Guerin & Co.; won by Mrs. Arthur Elvin.

Second Prize—Sink faucet and soap tray. Donated by Haines, Jones & Cadbury; won by Grace Perego.

Men's Bricklaying Contest

First Prize—Ton of Holmes Diamond Hydrated Lime. Donated by Holmes

Lime Co.; won by Paul Messner.

Second Prize—One thousand red bricks. Donated by San Jose Brick Co.; won by J. E. Fennell.

Swimming Race

Men's Race—100 yards.

First Prize—\$5; won by: (1st race), De Courry; second race, Simptor.

Second Prize—\$3; won by: First race, Sweco; second race, McNulty.

Third Prize—\$2; won by: First race, Rimso; second race, O'Hay.

Donated by Baldwin & Howell, agts. for Westwood Park.

Ladies' Race—75 yards.

First Prize—\$5; won by Miss Perego.

Second Prize—\$3; won by A. Busjrede.

Third Prize—\$2; won by Mrs. Frances O'Reilly.

Swimming Race for Girls: (1) J. Crowe, (2) Adeline Butler, (3) Eleanor Mansson.

Boys' Race—(Under 10 years)

First Prize—\$2.50; won by Jackson Perego.

Second Prize—\$1.50; won by Jack Kincanon.

Third Prize—\$1; won by Jack McGuire.

Girls' Race—(Under 10 years)

First Prize—\$2.50; won by E. Elvin.

Second Prize—\$1.50; won by J. Duffield.

Third Prize—\$1; won by T. Blum.

Donated by D. B. Farquharson, general contractor.

Boys' Race—(Under 16 years)

First Prize—\$2.50; won by E. Monson.

Second Prize—\$1.50; won by S. Hatcher.

Third Prize—\$1; won by J. Cunco.

Donated by Wm. A. Newson, Jr., general insurance broker.

Girls' Race—(Under 16 years)

First Prize—\$2.50; won by V. Petersen.

Second Prize—\$1.50; won by F. Wrennerblade.

Third Prize—\$1; won by J. Swanson.

Donated by Wm. A. Newson, Jr., general insurance broker.

Men's Race—(Contractors)

First Prize—Akron Concrete Cart; won by L. M. Hockwald.

Second Prize—Akron Wheelbarrow; won by Tom Price.

Third Prize—Akron wheelbarrow, won by Val Franz.

Donated by Smith-Booth-Usher Co.

Ladies' Race

First Prize—Hot Point Electric Iron; won by E. Chelini; donated by Waterhouse-Wilcox Co.

Second Prize—Sun Visor; won by A. Perata; donated by Crowe Glass Co.

Third Prize—Three-lb. box of Orange Blossom candy; won by J. Maillard; donated by Charnack & White, Builders' Exchange Cigar Stand.

Ent Men's Race

First Prize—\$5 hat order; won by E. Gallagher; donated by Lundstrom Hat Works.

Second Prize—One barrel asphaltum; won by E. G. Wimmerblade; donated by Malott & Peterson.

Mixed Ladies' Race

First Prize—Four quarts Luxemberg white enamel. Donated by Berry Bros.; won by E. Dunlay. Second prize won by Mrs. H. L. Gary.

Dublin Race (Boys)

First Prize—Fishing pole. Donated by E. M. Hundley; won by Val Franz.

Second Prize—\$2.50; third prize, \$1. Donated by Wm. A. Newson, Jr.

Dublin Race (Girls)

First Prize—\$3; won by Estr Blum.

Second Prize—\$3; won by E. Monson.

Third Prize—\$1; won by Jos. Crowe.

Donated by Wm. A. Newson, Jr.

Dublin Race (Ladies)

First Prize—\$7.50; won by A. Busjager.

Second Prize—\$3; won by Paul Jones.

Third Prize—\$2; won by E. Chinchin.

Donated by Old Mission Portland Cement Co.

Dublin Race (Men)

First Prize—\$7.50; won by E. Walker.

Second Prize—\$3; won by J. E. Palast.

Third Prize—\$2; won by L. C. Dunlay.

Donated by Old Mission Portland Cement Co.

Three-Legged Race (Men)

Box (50) V. C. Camp cigars. Donated by Charnack & White.

First Prize—Waltz—\$7.50 cash; won by C. W. Koenig and wife.

Second Prize—Waltz—\$2.50 cash; won by R. O. Braunton and Tess Reilly.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am't
3306	Barnett	Owner	7000
3310	Webster	Owner	2570
3311	McCarthy	McCarthy	7800
3312	Clinton	Owner	2500
3313	Corcolectes	Hamilton	1500
3314	Fleming	Columb	2370
3315	Pacific T & T	Owner	2000
3316	Panagiotopavlos	Hamilton	1500
3317	Clinton	Owner	1000
3318	Gunley	Owner	2000
3319	Taylor	Smisart	1800
3320	Grunauer	Zinkand	14775
3321	Sheehan	Zinkand	5285
3322	Duffy	Adler	19060
3323	Weisbein	Meyer	9300
3324	Collins	Newberry	1688
3325	Butler	Marin	13011
3326	Golden	Hense	13500
3327	Lubliner	Stiefel	13552
3328	Jackson	Owen	8200
3329	Samuels	Olson	3030
3330	Italligan	Irvine	8235
3331	Riccardi	Neabing	1052
3332	Sullivan	Owner	6500
3333	Cavaglia	Owner	2633
3334	California	Barrett	2559
3335	Lager	Owner	20000
3336	Carew	Garin	15003
3337	Arguello	Warwick	40000
3338	Lurie	Morton	25900
3339	Murphy	Barrett	33000
3340	Scharff	Olsen	1500
3341	Perosta	Hecker	3045
3342	Siebert	Wilson	1000
3343	Parkside	Owner	7000
3344	Sentelle	Kincanon	25000
3345	Centennial Ins	Leonard	100000
3346	Schell	Owner	12000
3347	McCarthy	Owner	1000
3348	Binet	Owner	3000
3349	Bonetti	Owner	9000
3350	Lurie	Hansen	11500
3351	Bamler	Malloch	3500
3352	Lehenger	Hemming	3003
3353	Beumeister	Johnson	12000
3354	Morabito	Lindberg	8150
3355	Lipman	Bernhardt	665
3356	Fitzhugh	Malett	10610
3357	Pappas	Houweling	6962
3358	Vedell	Owner	4000
3359	Mayes	Lass	1200
3360	McDonough	Owner	24000
3361	Roach	Andesen	8500
3362	Lubricating	Owner	1000
3363	Nourrigat	Owner	2400
3364	Vayss'e	Diehl	1000
3365	Monahan	McSheehy	4204
3366	Anglo	California	28300
3367	Lindeman	Lindeman	4259

FLATS

(3309) N CABRILLO 95 W Forty-eighth ave. Two-story and basement frame (4) flats.
Owner—Barrett & Jackson, 516 O'Farrell St., San Francisco.
Architect—Norman R. Coulter, 44 Kearny St., San Francisco. \$7000

ALTERATIONS

(3310) NO. 150 CAMINO DEL MAR. Plastering dwelling; painting interior and exterior; new bath and tile work.
Owner—Lillias Webster, Premises.
Architect—None. \$2570

DWELLINGS

(3311) E FIFTEENTH AVE 50 and 75 N Judah. Two one-story and basement frame dwellings.

Owner—John E. and Ethel McCarthy, 1479 12th Ave., San Francisco.
Architect—None.
Contractor—John E. McCarthy, 1479 12th Ave., San Francisco. \$3900 each.

OFFICE

(3312) S FOLSOM 150 W Fifth. Two-story frame office.
Owner—Huntel Construction Co., 140 Townsend St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., S. F. \$2500

ADDITION

(3313) NO. 601 KANSAS. Add to residence.
Owner—D. Corcolectes, Premises.
Architect—James F. McGuinness Jr., Claus Spreckels Bldg., S. F.
Contractor—Hamilton & Costello, 5811 Geary St., San Francisco. \$1500

REPAIRS

(3314) NO. 1428 FOST. Repair dwelling; painting; shingling; plastering, etc.
Owner—Mrs. Fleming, 180 Jessie St., San Francisco.
Architect—None.
Contractor—Chas. Columb, 180 Jessie St., San Francisco. \$2339

ALTERATIONS

(3315) NO. 105 POWELL. Minor alterations in phone exchange; lay composite flooring, etc.
Owner—The Pacific T. & T. Co., 1673 Mission St., San Francisco.
Plans by Owner. \$2600

DWELLING

(3316) W RHODE ISLAND 100 S 20th. One-story and basement frame dwelling.
Owner—Thomas Panagiotopavlos, 812 Rhode Island St., San Francisco.
Architect—James F. McGuinness Jr., Claus Spreckels Bldg., S. F.
Contractor—Hamilton & Costello, 5811 Geary St., San Francisco. \$1500

SHOP

(3317) N SHIPLEY 150 W Fifth. One-story frame shop.
Owner—Clifton Consr. Co., 140 Townsend St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$1000

ALTERATIONS

(3318) NO. 1460-62 WILLIARD. Alter first floor for living rooms.
Owner—John E. Gurley, 1462 Williard St., San Francisco.
Architect—Jos. L. Stewart, Claus Spreckels Bldg., S. F. \$2000

ALTERATIONS

(3319) SE PINE & TAYLOR. Cement plaster exterior of apartments.
Owner—Mr. Taylor, 1st National Bank Bldg., San Francisco.
Architect—None.
Contractor—Mr. Smisart, 125 Sutter St., San Francisco. \$1800

RESIDENCE

(3320) NE EUCLID AND COMMONWEALTH Aves 55 on Commonwealth and 95 on Euclid. All work except plumbing, heating, painting, electric fixtures, mantel and wall bed for two-story and basement residence.
Owner—Abc Grunauer.
Architect—Erle J. Osborne, Balboa Bldg., San Francisco.

Contractor—Ed. Zinkand & Son, 131 10th Ave., San Francisco.
Filed Sept. 1, '22. Dated Aug. 29, '22.
Frame up \$3693
Brown coated 3693
Completed and accepted 3693
Usual 35 days 3693

TOTAL COST, \$14,775
Bond, \$7388. Sureties, J. H. McCollum and H. W. Gaeten, Limit, 160 days. Forfeit, \$10. Plans and specifications filed.
NOTE—Permit reported Aug. 31, 1922 No. 3263.

FRAME BLDG.

(3321) W THIRTY-FOURTH AVE 72 S Balboa. All work for one-story and basement frame building.
Owner—Jean and John P. Sheehan, 487 Clement St., San Francisco.
Architect—None.
Contractor—Ed. Zinkand & Son, 434 10th Ave., San Francisco.

Filed Sept. 1, '22. Dated Aug. 29, '22.
Frame up \$1422
Brown coated 1322
Completed and accepted 1322
Usual 35 days 1322
TOTAL COST, \$5288
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALARM TENTS

(3322) S WASHINGTON 167 W Scott W 27-6X8 127-84 W A 463. All work for three-story frame apartment building.
Owner—Miss A. C. Duffy, 2865 Washington St., San Francisco.
Plans by Contractor.

Contractor—Klaus Adler, 493 22nd Ave., San Francisco.
Filed Sept. 1, '22. Dated Aug. 8, '22.
Roof on \$4750
Brown coated 4750
Completed and accepted 4750
Usual 35 days 4750
TOTAL COST, \$19,000
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

CONCRETE BLDG.

(3323) SE FOURTH AVE & GEARY E 45X5 100. All work for one-story concrete building.
Owner—Jacob Weissbein, 582 Market St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5526 Geary St., San Francisco.

Filed Sept. 1, '22. Dated Aug. 16, '22.
Ready for filling \$2325
Roof on 2325
Completed and accepted 2325
Usual 35 days 2325
TOTAL COST, \$5300
Bond, none. \$4650 Surety, Mrs. Anna Meyer. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

ELECTRIC WIRING

(3324) LOCATION NOT GIVEN. All work for electric wiring for bldg.
Owner—Collins Hencke Candy Co.
Architect—N. W. Sexton, Caroniele Bldg., San Francisco.
Contractor—F. E. Newbery Elec. Co., 359 Sutter St., San Francisco.
Filed Sept. 1, '22. Dated Aug. 30, '22.
Completed and accepted \$1266
Usual 35 days 422
TOTAL COST, \$1688
Bond, none. Limit, Oct. 15, 1922. Forfeit, none. Plans and specifications filed.

RESIDENCE

(3325) E DIVISADERO 68 S of NE int. Union and Divisadero E 103-1½ S 34 W 103-1½ — 34 W A 169. All work except painting, plumbing, heating shades, finish fire place, electric fixtures for two-story frame residence.

Owner—Margaret S. Butler, 2525 Union St., San Francisco.
Architect—August G. Headman, Call Bldg., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco.

Filed Sept. 1, '22. Dated Aug. 30, '22.
Frame up and gravel roof on.....\$2445.00
Ready for finishing..... 2445.00
Interior standing finish up..... 2445.00
Completed and accepted..... 2445.50
Usual 35 days..... 3261.00

TOTAL COST, \$13,011.00

Bond, \$6505.75. Sureties, Edwin T. Peterson and Fred Walpert. Limit, 95 days. Forfeit, \$10. Plans and specifications filed.

INTERIOR FITTINGS

(3322) ON SW GEARY AND POWELL 62 on Geary by 42 on Powell. Interior fittings for basement, ground floor and mezzanine floor of building.

Owner—The Golden Pheasant, Inc., Premises.
Architect—Alfred H. Jacobs, 110 Sutter St., San Francisco.
Contractor—Home Mfg. Co., 543 Braann St., San Francisco.

Filed Sept. 1, '22. Dated Aug. 31, '22.
Completed and accepted.....\$10,125
Usual 35 days..... 3,275
TOTAL COST, \$13,500

Bond, none. Limit, Oct. 13, 1922; bonus of \$500 if completed before Oct. 3, 1922. Forfeit, \$100. Plans and specifications filed.

FRAME FLATS

(3227) NE BALBOA AND SEVENTH Ave W 32-6 N on Seventh Ave 75 E 32-6 S 8-5. All work except plumbing, gas fitting, sewer and light fixtures for two-story and basement frame flats.

Owner—C. W. Lubliner and M. S. Harris, 591 Seventh Ave., S. F.
Architect—None.
Contractor—John V. Siefel, 184 25th St., San Francisco.

Filed Sept. 1, '22. Dated Aug. 24, '22.
Frame up and gravel roof on.....\$3388
Brown coated..... 3388
Completed..... 3388
Usual 35 days..... 3388

TOTAL COST, 13,552

Bond, \$6780. Sureties, Chas. S. Boyen and M. A. Slattery. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING

(3328) NE CLEMENT AND TENTH Ave N 100-6 32-6. All work for frame dwelling.

Owner—G. E. Jackson, 850 Clement St., San Francisco.
Architect—John H. Powers and John H. Andersen, 460 Montgomery St., San Francisco.
Contractor—O. M. Oyen, 67 Camel St., San Francisco.

Filed Sept. 1, '22. Dated Aug. 31, '22.
Frame up and gravel roof on.....\$2050
Brown coated..... 2050
Accepted..... 2050
36 days after..... 2050

TOTAL COST, \$8200

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(3329) NO. 21 AND 23 BUENA VISTA Ave. All work for alterations and additions to frame building into flats.

Owner—Charles Samuels, Phelan Bldg., San Francisco.
Architect—Philip Schwerdt, 2920 Jackson St., San Francisco.
Contractor—C. Olsen.

Filed Sept. 1, '22. Dated Sept. 1, '22.

3 payments of \$757.50 as work progresses.....

Usual 35 days.....\$757.50

TOTAL COST, \$2030.00
Bond, \$1515. Surety, Maryland Casualty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS

DWELLING
(3330) S BALBOA 95 E 11th Ave.
One-story and basement frame dwelling.

Owner—Mary J. and Patrick J. Halligan, 656 10th Ave., San Francisco.
Architect—None.
Contractor—Wm. K. Irvine, 1387 Hayes St., San Francisco. \$8285

ALTERATIONS

(3331) NO. 308 SPRUCE. Rearrange partitions and install windows and add sleeping porch to residence.

Owner—M. O. Riccardi, 344 Spruce St., San Francisco.
Architect—None.
Contractor—Gea. Healing, 3665 Sacramento St., San Francisco. \$1052

FRAME FLATS

(3332) S CLEMENT 32-6 W Thirtieth Ave. Two-story and basement frame (2) flats.

Owner—Jas. J. Sullivan, 7 Coso Ave., San Francisco.
Architect—None. \$6500

DWELLING

(3333) NO. 946-948 GREENWICH. Repair fire damage to dwelling.

Owner—Norio Cacaglia, 980 Greenwich St., San Francisco.
Architect—None. \$2633

RETAINING WALL

(3334) S BEACH 137-6 E Hyde. All work for retaining wall.

Owner—California Packing Corp., 161 California St., San Francisco.
Engineer—Philip L. Bush, 161 California St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Filed Sept. 2, '22. Dated Aug. 28, '22.
Reinforcing bars in place.....\$ 600
Completed and accepted..... 1150
34 days after..... 600

TOTAL COST, \$2250

Bond, none. Limit, 21 days after.....
Forfeit, none. Plans and specifications filed.

FRAME FLATS

(2335) N CORNWALL 52-6 and 110 E Second Ave. Two two-story and basement frame (2 in each) flats.

Owner—M. Lager and Val Franz, 180 Jessie St., San Francisco.
Architect—None. \$10,000 each

DWELLINGS

(3336) N FULTON 749-1 and 800 W Masonic Ave. Two two-story and basement frame dwelling.

Owner—J. A. Garwin and E. A. Garin, 1849 Page St., San Francisco.
Architect—None.
Contractor—E. A. Garin, 1849 Page St., San Francisco. \$7500 each

APARTMENTS

(3337) E JONES 50 N Washington. Three-story and basement frame (12) apartments.

Owner—Maude Arguello, Los Altos, Cal.
Architect—None.
Contractor—Harry C. Warwick, 3191 Washington St., S. F. \$40,000

STORE

(3338) S MISSION 97-6 W Mary. Two story concrete store.

Owner—Louis H. Lurie, Mills Bldg., San Francisco.
Architect—O'Brien Bros., Inc., 240 Montgomery St., San Francisco.
Contractor—John Morton, Balboa Bldg., San Francisco. \$25,000

APARTMENTS

(3339) E POWELL 49-6 N Sacramento. Five-story and basement concrete (9) apartments.

Owner—J. T. Murphy, % Architect.
Architect—Sylvain Schnaittacher, 223 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. \$33,000

DWELLING

(3340) NW SEVENTEENTH & WISCONSIN. One-story frame dwelling.

Owner—Ervin E. Schaff, 610 Pacific Bldg., San Francisco.
Architect—None.
Contractor—A. H. Ohlsen, 587 Haight St., San Francisco. \$1500

ALTERATIONS

(3341) NO. 3834 TWENTY-FOURTH. Raise and alter for store and flat.

Owner—Jose Peresia and Mary P. Ross, Premises.
Plans by Contractor
Contractor—H. A. Becker & Son, 3444 22nd St., San Francisco. \$3045

ALTERATIONS

(3342) W THIRTY-SECOND AVE 200 N Vicente. Raise dwelling 3½ ft. cement floor for private garage.

Owner—E. Siebert, 2591 32nd Ave., S. F.
Architect—None.
Contractor—E. E. Wilson, 2530 28th Ave., San Francisco. \$1000

DWELLINGS

(3343) W THIRD AVE 50 and 75 N Ulloa. Two one-story and basement frame dwellings.

Owner—Parkside Realty Co., 617 Crocker Bldg., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$3500 each

APARTMENTS

(3344) E TAYLOR 57-6 S Broadway. Two-story and basement frame (8) apartments.

Owner—E. M. A. Santelle, 159 Sutter St., San Francisco.
Architect—None.
Contractor—J. Kincanon, 159 Sutter St., San Francisco. \$25,000

ADDITION

(3345) SE BUSH AND SANSOME STS. Addition of three stories for offices, re-locate elevator; rearrange partitions; remodel heating and plumbing system, etc.

Owner—The Continental Insurance Co. and Fidelity Union Fire Insurance Co., 453 California St., S. F.
Architect—W. Hauselman, 37 South Wabash St., Chicago, Ill.
Contractor—Leonard Constr. Co., 58 Sansome St., S. F. \$100,000

MFG. PLANT

(3346) S BRYANT 229-3 E Third. One-story brick light manufacturing plant.

Owner—Samuel Scheel, 180 Jessie St., San Francisco.
Architect—None. \$12,000

ADDITION

(3347) SW CASTRO AND TWENTY-SIXTH. Add 5 rooms to cottage.

Owner—Timothy D. McCarthy, 3973 19th St., San Francisco.
Architect—None. \$1000

DWELLING

(3348) E CLAREMONT BLVD 90 N Ulloa. One-story and basement frame dwelling.

Owner—John J. Binet, 336 Church St., San Francisco.
Architect—None. \$3000

FRAME FLATS

(3349) N FULTON 77-6 W Fourteenth Ave. Two-story and basement frame (2) flats.

Owner—O. V. Bonetti, % Architect.
Architect—O'Brien Bros., Inc., 240 Montgomery St., S. F. \$9000

HOOP
(3356) S HOWARD 287-6 N SIXTH.
One-story concrete shop.
Owner—Louis R. Lurie, Mills Bldg.,
San Francisco.
Architect—O'Brien Bros., Inc., 210
Montgomery St., San Francisco.
Contractor—F. L. Hansen, 251 Kearny
St., San Francisco. \$11,500

ALTERATIONS
(3251) NO. 825 KEARNY. General
alterations for motion picture
theatre.
Owner—N. Mamlar, Premises.
Architect—S. Helman, 47 Post St., San
Francisco.
Contractor—J. S. Malloch, 180 Jessie
St., San Francisco. \$3500

DWELLING
(3252) E TWENTY-EIGHTH AVE 160
S Anza. One-story and basement
frame dwelling.
Owner—Frank Lemmer, 155 Dolores
St., San Francisco.
Contractor—Nick Hemminga, 705 22nd
Ave., San Francisco. \$3000

FLATS
(3353) S TWENTY-NINTH 80 and 105
E Church. Two two-story and
basement frame (2) in each flats.
Owner—Dr. B. H. Baumeister, 262 29th
St., San Francisco.
Architect—None.
Contractor—Joel Johnson, 1614 Church
St., San Francisco. \$6000 each

DWELLING
(3354) SW AMAZON AND LONDON W
228S 100. All work except electric
fixtures and shades for two-story
frame dwelling.
Owner—Carmelo Morabito, 689 Lisbon
St., San Francisco.
Architect—Rignetti & Hirschfeld, 12
Geary St., San Francisco.
Contractor—Claus Lindberg, 257 Surrey
St., San Francisco.

Filed Sept. 6, '22. Dated Aug. 25, '22.
Rafter up \$2037.50
Brown coated 2037.50
Completed and accepted 1037.50
Usual 35 days 2037.50
TOTAL COST, \$8156.00
Bond, \$4200. Sureties, Frederick W.
Matthai and Gus Lindberg. Limit, 90
days. Forfeit, none. Plans and spec-
ifications filed.

BUILDING
(3255) NO. 3606 PIERCE. All work
shown on specifications of Norman
Coulter for building.
Owner—O. Lipman, 911 Chronicle Bldg.,
San Francisco.
Architect—None.
Contractor—Bernhardt & Pereira, 444
20th St., San Francisco.
Filed Sept. 6, '22. Dated Aug. 28, '22.
1/2 of total when work 1/2 completed
Balance when completed
TOTAL COST, \$665
Bond, limit, forfeit, plans and spec-
ifications, none.

FLOORS
(3356) NE POST AND POWELL N
137-6XE 162-9. Kompolth com-
position floors for ten-story and
basement Class A office building.
Owner—Wm. M. and Mary E. Fitzhugh,
Mills Bldg., San Francisco.
Architect—Reid Bros., 105 Montgomery
St., San Francisco.
Contractor—Malott & Peterson, 2412
Harrison St., San Francisco.
Filed Sept. 6, '22. Dated Aug. 29, '22.
On 10th of each month 75%
Usual 35 days 25%
TOTAL COST, \$10,610
Bond, \$5305. Surety, Fidelity & De-
posit Co. Limit, 60 days after notified
to begin. Forfeit, none. Plans and
specifications filed.

ALTERATIONS
(3357) E POTRERO AVE 15 S SIX-
teenth E 100x8 47-6. All work ex-
cept lighting fixtures, finishing
hardware, window shades, store
fronts and macanite floor for
store for alterations and addition
to two-story and basement build-
ing.
Owner—Jas. and Wm. Pappas, 315
Potrero Ave., San Francisco.
Architect—Frank M. Weber, 2221 Mari-
posa St., San Francisco.
Contractor—Teldorus J. Houweling,
830 Prague St., San Francisco.
Filed Sept. 6, '22. Dated Aug. 21, '22.
Basement walls and foundation
in and rough frame up \$1500
Rough plaster on 2000
Completed and accepted 2000
Usual 35 days 1962
TOTAL COST, \$6962
Bond, \$3481. Surety, New Amsterdam
Casualty Co. Limit, 90 days. Forfeit,
5% Plans and specifications filed.

DWELLING
(3358) S ELIZABETH 25-4 E Hoff-
man Ave. One-story and basement
frame dwelling.
Owner—Charles Vedell, 528 Eureka St.
Architect—None. \$4000

ALTERATION
(3359) NO. 78 ELLIS ST. Change store
front, construct 10 booths in res-
taurant.
Owner—Mayes Oyster House, Polk and
Sutter Sts., S. F.
Architect—None.
Contractor—Sass & Son, 134 St. Anne St.
San Francisco. \$1200

FLATS
(3360) W TWENTY-FIRST AVE. 25-
50 and 75 S Anza. Three 2-story
and basement frame (2 in each)
flats.
Owner—M. McDonough, 22 Fairmont
St., San Francisco.
Architect—None. \$8000 ea.

ADDITION
(3361) 737 ASHBURY ST. Construct
addition to flats, alter sections of
present building.
Owner—Mrs. Reach, 737 Ashbury St.
Architect—None.
Contractor—W. Andersen, Apt. 24, 840
California St., S. F. \$8500

STATION
(3362) NO. 806 MISSION. One-story
steel supply station.
Owner—Lubricating Gasoline Co., Rm.
302, 769 Mission St., S. F.
Architect—None. \$1000

DWELLING
(3363) N REVERE AVE 225 W Lane.
One-story and basement frame
dwelling.
Owner—Leopold Nourrigat, 1760 Palou
St., San Francisco.
Architect—None. \$2400

ALTERATIONS
(3364) SW SEVENTH AND STEVEN-
son. Cement rear wall of hotel.
Owner—Alex. Vayssie, Premises.
Architect—A. J. Fabre, 110 Sutter St.,
San Francisco.
Contractor—E. Dietlin, 875 38th Ave.,
San Francisco. \$1000

STORE BLDG.
(3365) SE NINETEENTH AVE AND
Balboa. All work for one-story
store building.
Owner—Frank Monahan.
Architect—None.
Contractor—Jas. B. McSheehy, 1114
Dolores St., San Francisco.
Filed Sept. 7, '22. Dated Aug. 29, '22.
Frame up \$1600
Plastered 1000
Finished 1200
Usual 35 days 1200
TOTAL COST, \$4200

Bond, 30% Limit, 60 days. Forfeit,
none. Plans and specifications filed.

BANK BLDG.
(3366) W SANSOME 46-10% m or 1 N
Sutter N 91-6xW 122-9. Ornamental
bricks and iron work for banking
room and main entrance for one-
story Class A bank building.
Owner—Anglo & London Paris Nat'l
Bank by P. J. Walker Co. Agents.
Architect—Geo. W. Kelham, Sharon
Bldg., San Francisco.
Contractor—California Artistic Metal &
Wire Co., 137 7th St., San Francisco
Filed Sept. 7, '22. Dated Aug. 19, '22.
On 10th of each month 75%
Usual 35 days 25%
TOTAL COST, \$28,300
Bond, \$11,150. Surety, National Surety
Co. Limit, as required. Forfeit, none.
Plans and specifications filed.

BUNGALOW
(3367) E NINTH AVE 150 N Anza N
25XE 120. All work for one-story
bungalow.
Owner—H. D. Lindeman, 619 27th Ave.,
San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 530 Bal-
boa St., San Francisco.
Filed Sept. 7, '22. Dated Sept. 6, '22.
Frame up and enclosed \$1000
Rough plaster on 1000
Completed 1250
Usual 45 days 1250
TOTAL COST, \$4250
Bond, none. Limit, 120 days. Forfeit,
none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded	Accepted
Sept. 7, 1922—S GREEN 70 W Pierce	30x50 Adam Schaefer to Geo A
Uos	Sept., 1922
Sept. 7, 1922—SE PERISA AVE AND	Naples E 50xS 75, Excelsior Hd.
Matio L Mazzua to T J Houweling	
Sept. 6, 1922—NW TAYLOR AND	Golden Gate Ave frontage of 137-6
on Taylor by 192-6. W S Dinwiddie	to D Zelinsky & Sons., Sept. 5, 1922
Sept. 7, 1922—SW TWENTY-SECOND	Ave and Balboa W 32-6xS 100.
Frank and Agnes Gallagher to	whom it may concern., Sept. 1, 1922
Sept. 7, 1922—S EXCELSIOR AVE 75	E Madrid. Td Bergquist to whom
it may concern., Sept. 3, 1922	
Sept. 7, 1922—NW TAYLOR AND	Golden Gate 137-6x192-6. W S
Dinwiddie to D Zelinsky & Sons.,	Sept. 5, 1922
Sept. 6, 1922—NE CALIFORNIA AND	Third Ave N 106 E 37-10 S 102 W
37-10. Howard J Griffith to N John	Nelson
Aug. 31, 1922	
Sept. 5, 1922—E TWENTY-THIRD	Ave 225 N California N 25XE 120.
John F Mullane to O K Holt	Sept. 1, 1922
Sept. 6, 1922—S HAYES 192-6 E	Gough E 27-6x120. Meyer A Brash
to whom it may concern. Sept. 5, 1922	
Sept. 6, 1922—W TWENTY-SEVENTH	Ave 181-8 S Anza S 25xW 120. H O
Lindeman to W R Lindeman	Sept. 6, 1922
Sept. 6, 1922—E NAPLES 375 N	Geneva Ave. Gertrude and Wm J
Mustard to whom it may concern.	Aug. 31, 1922
Sept. 6, 1922—NW TAYLOR AND	Golden Gate 137-6 W Mason
W 100xS 137-6. Curran Theatre	Co to R J H Forbes and A Knowls
..... Sept. 5, 1922	
Sept. 6, 1922—W TWENTY-THIRD	Ave 50 N Fulton N 25xW 107-6.
Nick Hemminga to whom it may	concern., Sept. 6, 1922
Sept. 6, 1922—NW TAYLOR AND	Golden Gate 137-6x192-6. W S
Dinwiddie to Forreder Cornice	Works
Sept. 5, 1922	

Sept. 5, 1922—E LARKIN 68-9 S Washington S 38-9X-E 100. J J McCook to whom it may concern.....Aug. 28, 1922
Sept. 2, 1922—E 5 CABRILLO on E side 21th Ave 25 ft frontage by 120. F Carroll Reed to whom it may concern.....Sept. 1, 1922
Sept. 2, 1922—E SEVENTEENTH AV 100 N Cabrillo 50X111-6. Louis P Tadducci to A Debenedetti.....July 11, 1922
Sept. 2, 1922—NE TWENTY-EIGHTH Ave and Balboa Jonathan Anderson to Meyer Ross.....Aug. 1, 1922
Sept. 2, 1922—NW FILBERT AND Hyde N 137-6XW 137-6. Capo Di Morio to Pacific Rolling Mills Co.....Sept. 2, 1922
Sept. 2, 1922—E TWENTY-FOURTH Ave 285 S Cabrillo 25X120. F Carroll Reed to whom it may concern.....Sept. 1, 1922
Sept. 2, 1922—N FILBERT 137-6 E 100 E 137-6XN 160. The Roman Catholic Archbishop to J Martinelli.....August 30, 1922
Aug. 31, 1922—W TWENTY-FIFTH Ave 50 N Anza N 25 W 100-8 S 25 m or l to pt 50 N Anza and 100-103 W 25th Ave E 100-104 Lot 22 Blk 759. Homestead Union. Joseph J Parvetti to whom it may concern.....August 31, 1922
Sept. 1, 1922—LOT 21 BLK 3137 Westwood Park. Walter E Hansen to whom it may concern.....Aug. 31, 1922
Sept. 1, 1922—COMG. 250 E from int SE Howard and Second E 45X85. Herman Runapp to Vuckecvick & Bagger.....August 30, 1922
Sept. 1, 1922—N CHESTNUT 100-9 1/2 W Van Ness Ave. D O Lipit to V. Filippi.....Aug. 31, 1922
Sept. 1, 1922—NW EIGHTH AVE & Irving W 95XN 50. Geo Cohn to whom it may concern.....Sept. 1, 1922
Sept. 1, 1922—N UNION 149-41 E Franklin E 50XN 137-6. Joseph Pasquetti to whom it may concern.....August 31, 1922
Sept. 1, 1922—E VALENCIA 60 S 21st S 50X-E 122-6. Matt I. Sullivan to J C Bateman.....Sept. 1, 1922
Sept. 1, 1922—N TARAVAL 82-6 W 34th Ave W 25X100. N TaraVal 107-6 W 34th Ave W 25X100. Parkside Realty Co to whom it may concern.....August 31, 1922
Sept. 1, 1922—N FOLSOM 400 W 5th W 50 N 85 W 5 N 75 E 50 S 75 E 5 S 85. Louis R Lue to J Martinelli.....Sept. 1, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
Sept. 7, 1922—N GREEN 68-9 W Divisadero W 34-12XN 104-6. Reinhardt Lumber & Planning Mill Co vs L D Allen, and Lizzie M Durbow.....	\$110.17
Sept. 7, 1922—SW TWENTY-SECOND Ave and Irwin W 75XN 65. Reinhardt Lumber & Planning Mill Co vs L D Allen and Windsor Terrace Building Co.....	\$211.85
Sept. 7, 1922—LOT 11 BLK 6. St. Francis Wood Extn No. 1. W. J. Maloney vs Unit Constr Co, Homes Loan Cpn and E Homes Curtis.....	\$115
Sept. 7, 1922—NO. 121, 123-125 Clement. Pacific Gas Heating Co vs G. Moriconi, Jas H and Catherine E. Heney.....	\$135
Sept. 2, 1922—E FORTY-EIGHTH Ave 150 S Cabrillo S 30X-E 126. E Deitlin vs George F Barnett and Jno Dee Jackson.....	\$159.00
Sept. 2, 1922—NW RAILROAD AVE 125-17 SW Paul Ave SW 25-034 NW 207-19 NE 25 S 209-2. J H Kruse vs Annie J Kavanagh and Knabenshuk & Morrison.....	\$226.01

Aug. 28, 1922—N McALLISTER 152 W Stanyan W 26 N 87-1 1/2 E 26-9 to a pt 90-012 N McAllister S 99-0 1/2 to N McAllister and pt of bog. Lot 9 BLK 1166 Nos. 2410-42-43. McAllister. A. J. Hunter to Timothy Long.....\$155
Aug. 30, 1922—S CLEMENT 82-6 W 2nd Ave W 25XN 100. L Demattei (as L Demattei & Co) vs J H and Catherine Heney.....\$270.25
Aug. 26, 1922—N SUTTER 24 E Baker E 23-6XN 87-6. Frank Bulon vs Jennie C and Donald McCleay.....\$87.50

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
Sept. 6, 1922—LOT 3 BLK 3112. Westwood Park. Jas L Beal, \$130; F G Norman & Sons. \$50.15; Kitchen & Son. \$177.80; Inland Floor Co. \$270.70; Palace Hardware Co. \$11.11; United Material Co. \$41.25 Scott Co. \$37.42 to Mary L. Bean and Clarence B. Bean.....	\$24.02
Sept. 6, 1922—SW SUTTER & LYON W 20XN 87-6. Chas E Tibball to Catherine Kashow.....	\$24.02
Sept. 6, 1922—LOT 3 BLK 3112. Westwood Park. R E Powell. \$296.29; Inland Supply Co; William Smith Co. Spring Valley Lumber Yard. \$45.18 to Mary L. and Clarence E. Bean.....	\$296.29
Sept. 2, 1922—S CLAY 131-2 W Scott W 25 S 127-8 1/2. Thompson Floor Co to Leona R Barusch.....	\$151.2
Sept. 1, 1922—S CLAY 151-2 E Franklin E 22-7XN 127-8 1/2. Ginsberg Tile Co to Martin S Shaw and George D and Amy Merrill.....	\$113.20
Sept. 1, 1922—NO. 601 TWENTY-NINTH. John A Schaflich to Dutton Hansen & Carlson & Edw Fahay.....	\$171

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1000 and Over Reported

No.	Owner	Contractor	Amount
3805	Ventre	Hailey	3260
3806	Webster	Cowart	2750
3807	James	Caretto	4850
3808	Ventre	Hailey	9000
3809	Hicks	Smith	3500
3810	Hamilton	Owner	3000
3811	Jeffery	Larner	8540
3812	Claud	Hamilton	3000
3813	Pedgrift	Owner	3000
3814	Rness	Owner	1000
3815	Westphal	Stewart	3750
3816	Schönig	Burrows	2000
3817	Butler	Stewart	3750
3818	Moore	Benson	3800
3819	Locke	Burks	3000
3820	Locke	Burks	3000
3821	Du Brutz	Duval	1000
3822	Leonard	Owner	10000
3823	Gililand	Owner	1700
3824	Glufang	Owner	3500
3825	Brand	Plittner	3000
3826	Eggers	Rose	6187
3827	Lyon	Owner	3000
3828	Sandford	Thaxter	3000
3829	Brand	Plittner	3000
3830	Fompson	Frostholt	2750
3831	Squires	Owner	3200
3832	Texdahl	Owner	1900
3833	Kayser	Wolbold	3800
3834	Madison	Mason	7000
3835	Bertheane	Owner	4000
3836	Charleston	Charleston	2900
3837	Bismauer	Hyde	2500
3838	Jensen	Clausen	4000
3839	Oakland Art.	Owner	4000
3840	Larsen	Clausen	4000
3841	Care	Williams	6000
3842	Trumbly	Elabon	1950
3843	Trumbly	Westlund	4800
3844	Glants	Owner	4000
3845	Union Oil	Owner	2000

3846	Lyon	Owner	2400
3847	Macmurry	Owner	2900
3848	Hinch	Owner	2800
3849	Samuels	Golden	3000
3850	Robinson	Coates	2000
3851	Doran	Meyer	1800
3852	Mecklenburg	Owner	2500
3853	Saroni	Pond	12000
3854	Steln	Crane	6000
3855	Long	Long	3250
3856	Long	Owner	13000
3857	Okwes	Owner	4500
3858	Sunset	Laudkühle	1500
3859	Frederickson	Owner	3000
3860	Marquis	Owner	2200
3861	Marquis	Owner	2200
3862	Marquis	Owner	2300
3863	Marquis	Owner	2200
3864	Roa	Owner	15000
3865	Francis	Owner	3100
3866	Thiele	Thiele	4600
3867	Button	Owner	4000
3868	Gould	Owner	6800
3869	Brown	Owner	2000
3870	Foulkes	Cede	4000
3871	Morgensen	Owner	4000
3872	Elias	Rheberg	3400
3873	Ligwald	Owner	2500
3874	Cott	Owner	3800
3875	Roman	Owner	2000
3876	Dilley	Owner	1500
3877	Batson	Chaffon	1000
3878	Sinai	Owner	2840
3879	Sinai	Rubenstein	2400
3880	Hudson	Owner	2500
3881	Scott	Owner	13000
3882	Same	Owner	13000
3883	Talbot	Gustman	7800
3884	Hakkaramian	Owner	2950
3885	Kikley	Owner	2600
3886	Middleton	Owner	1400
3887	Buss	Jensen	1000
3888	Almquist	Almquist	3000
3889	Glaser	Glaser	4000
3890	Nash	Mohr	4000
3891	Runyon	Johnson	4000
3892	Beasley	Owner	3000
3893	Witt	Jones	1500
3894	Riley	Lindquist	1000

DWELLING

(3805) NO. 1263 SAN JOSE AVE., Alameda. One-story 6-room dwelling. Owner—Jas. Ventre, 2315 Santa Clara Ave., Alameda.
Architect—None.
Contractor—Hailey & Co., 1861 Elm St., Alameda. \$3260

DWELLING

(3806) NO. 3243 GARFIELD AVE., Alameda. One-story 5-room dwlg. Owner—Bert Webster, Stockton.
Architect—None.
Contractor—Z. T. Cowart, 3275 Central Ave., Alameda. \$2750

DWELLING

(3807) NO. 2020 BUENA VISTA AVE., Alameda. One-story 8-room dwlg. Owner—Ethel M. James, 2014 Buena Vista Ave., Alameda.
Architect—None.
Contractor—G. Curletto & Co., \$4850

DWELLINGS

(3808) NO. 2271-2269-2265 SAN JOSE AVE., Alameda. Three one-story 5-room dwellings. Owner—Jas. Ventre, 2315 Santa Clara Ave., Alameda.
Architect—None.
Contractor—Hailey & Co., 1861 Elm St., Alameda. \$3000 each

ADDITION

(3809) NO. 2311 Piedmont Ave., Berkeley. Addition.
Owner—Lewis A. Hicks, Premises.
Architect—None.
Contractor—Harry C. Smith, 2011 Francisco St., Berkeley. \$3500

DWELLING

(3810) NO. 1521 BUENA, Berkeley. One-story 5-room dwelling. Owner—Murphy F. Hamilton.
Architect—None. \$3000

FLATS
(3811) NO. 2918-50 HILLEGASS, Berkeley. Two-story 10-room flats. Owner—C. Jeffery, San Leandro. Architect—None.
Contractor—Edw. Larmer, 90 Fairview Ave., Piedmont. \$850

DWELLING
(3812) NO. 1517 BUENA, Berkeley. One-story 5-room dwelling. Owner—H. G. Claud, 2542 Ellsworth St., Berkeley. Architect—None.
Contractor—Murphy F. Hamilton, 825 Santa Fe Ave., Berkeley. \$3099

DWELLING
(3813) E BROADWAY 50 N 41st Oakland. Two-story office and garage. Owner—Jas. H. Pedgrift, 4119 Edwy., Oakland. Architect—None. \$3000

OFFICE
(3914) 3028 CAIT ST., Oakland. One-story 3-room dwelling. Owner—Mrs. A. V. Kness, premises. Architect—None. \$1000

DWELLING
(3815) N 40th St., 412 W Telegraph, Oakland. One-story 5-room dwlg. Owner—Geo. Westphal, 130 Montecito Ave., Oakland. Architect—None.
Contractor—S. L. Stewart, 831 16th St., Oakland. \$3750

DWELLING
(3816) E FORTY-FIFTH AVE 175 N Ellen St., Oakland. One-story dwlg. Owner—A. Schoning, 2150 45th Ave. Oakland. Architect—None.
Contractor—H. Burrows, 873 70th Ave., Oakland. \$2000

DWELLING
(3817) N FORTIETH ST. 384 W. Telegraph, Oakland. One-story 5-room dwelling. Owner—Geo. Butler, Bank of Italy Bldg Oakland. Architect—None.
Contractor—S. L. Stewart, 831 16th St., Oakland. \$3750

DWELLING
(3818) NE COR. FIFTY-SECOND and Dover Sts., Oakland. One-story 5-room dwelling. Owner—Arthur Moore, 5814 Dover St., Oakland. Architect—None.
Contractor—Martin Benson, 3735, Laguna Ave., Oakland. \$3800

DWELLING
(3819) N FIFTY-THIRD 240 E San Pablo, Oakland. One-story dwelling. Owner—T. K. Locke. Architect—None.
Contractor—C. E. Burks, 4129 Randolph, Oakland. \$3000

DWELLING
(3820) N FIFTY-FOURTH 250 E San Pablo, Oakland. One-story 5-room dwelling. Owner—T. K. Locke. Architect—None.
Contractor—C. E. Burks, 4129 Randolph, Oakland. \$3000

OFFICE BLDG.
(3821) E JEFFERSON. 50 N 12th St., Oakland. One-story brick office building. Owner—F. D. Du Brutz, 490 10th St., Oakland. Architect—None.
Contractor—Oliver Duval & Son, Dalziel Bldg., Oakland. \$1000

FLATS
(3822) E PARK BLVD. 220 S Excelsior Ave., Oakland. Two-story 12-room flats.

Owner—E. R. Leonard, 559 Kenmore Av. Oakland.
Architect—None. \$10,000

DWELLING
(3823) W SEVENTY-THIRD Ave. nr Columbia Park, Oakland. One-story 5-room Dwelling. Owner—C. G. Gilardin, 5712 E-15th St., Oakland. Architect—None. \$1700

DWELLING
(3824) N SALISBURY 80 W 25th Ave., Oakland. One-story 5-room dwlg. Owner—Jacob Lufelong, 3452 Salisbury, Oakland. Architect—None. \$3500

DWELLING
(3825) NW THIRTY-FIFTH AVE. 135 17 NW E-18th St. NE 37 NW 129, Oakland. One-story 5-room dwlg. Owner—Andrew & Marie Brand, 1242 35th Ave., Oakland. Architect—None.
Contractor—Jos. Flittner, 1700 35th Ave., Oakland.
Filed Sept. 1, 1922. Dated Aug. 30, 1922.
Frame up \$1
Brown coated \$2
Completed and accepted \$4
Usual 35 days \$4
TOTAL COST, \$2000

Bond, none; sureties, none, forfeit \$1 day; ltn. 90 days from Sept. 1; plans & specifications filed.

APARTMENT
(3826) SW COR. HIGH & Foothill Blvd. E 79th N 36, Oakland. Two-story frame apts. except elec. work, plumbing and heating. Owner—Martin Eggers, 1755 High St., Oakland. Architect—Gordon Raeside.
Contractor—A. H. Rose, Oakland. Filed Aug. 31, '22. Dated Aug. 25, '22.
Frame up \$1150
Brown coated 1150
Standing trim on 1150
Completed and accepted 1150
Usual 35 days 1517
TOTAL COST, \$5057

Bond, \$3094; sureties, Globe Indemnity Co.; Forfeit, none; limit, 90 days; plans and specifications filed.

(3827) S MURDOCK 250 E Sixtieth Ave., Oakland. One-story 6-room dwlg. Owner—Chas. D. Lyon, Mills College Post Office, Oakland. Architect—None. \$3000

DWELLING
(3828) NE SIXTY-FIRST & RACINE, Oakland. One-story 5-room dwlg. Owner—Mrs. A. C. Sandford, 421 65th St., Oakland. Architect—None.
Contractor—T. W. Thaxter, 2117 Derby St., Berkeley. \$3000

DWELLING
(3829) WTHIRTY-FIFTH AVE 150 N E 18th, Oakland. One-story 5-room dwelling. Owner—Anders Brand, 1242 35th Ave., Oakland. Architect—None.
Contractor—Joe Flittner, 1700 35th Ave., Oakland. \$3000

RESIDENCE
(3830) NO. 2808 COLLEGE AVE., Berkeley. Two-story 7-room residence. Owner—Harriet Thompson, 2808 College Ave., Berkeley. Architect—None.
Contractor—H. M. Frosthalm, 872 Lake Shore Ave., Berkeley. \$3750

DWELLING
(3831) S CEDAR 100 E Scenic, Berkeley. One-story 6-room dwelling. Owner—E. J. Squires, 2117 Rose St., Berkeley. Architect—None. \$3200

ALTERATIONS
(3832) NO. 1494 EUCLID AVE., Berkeley. Alterations. Owner—C. Texdahl. Architect—None. \$1900

DWELLING
(3833) GLEN AVE. S Summer, Berkeley. One-story 5-room dwelling. Owner—A. S. Kayser, 1245 Grove St., Berkeley. Architect—None.
Contractor—J. Henry Wohlhold. \$3800

DWELLING
(3834) OAK RIDGE ROAD - E Oak Ridge Bath, Berkeley. Dwelling and garage. Owner—R. R. Madison, Shattuck and Madison, Berkeley. Architect—None.
Contractor—Masson & DeRube Co., Shattuck Ave. and Addison St., Berkeley. \$7000

DWELLING
(3835) E SIERRA 170 N Sonora, Berkeley. One-story 6-room frame dwelling. Owner—E. N. Berthaus, 2415 Vine St., Berkeley. Architect—None. \$4000

DWELLING
(3836) S AILEEN 60 N Genoa, Oakland. One-story 1-room dwelling. Owner—Bertha Charleston, 5627 Genoa St., Oakland. Architect—None.
Contractor—J. G. Charleston. \$2900

DWELLING
(3837) W EIGHTY-NINTH AVE. 269 N Holly St. Oakland. One-story 5-room dwelling. Owner—A. C. Beinauer, 1975 85th Ave., Oakland. Architect—None.
Contractor—J. T. Hyde, 1323 59th Ave., Oakland. \$2500

DWELLING
(3838) W E-SIXTEENTH 35 E-25th Ave., Oakland. One-story 5-room dwelling. Owner—R. K. Jensen, 2830 E-14th St., Oakland. Architect—None.
Contractor—Fred Clausen, 1506 28th Ave., Oakland. \$4000

FACTORY
(3839) 2237 E-TWELFTH ST., Oakland. Two-story frame factory. Owner—Oakland Art Pottery Co., 2237 E-12th St., Oakland. Architect—C. W. Dickey, 2149 Broadway, Oakland. \$4000

DWELLING
(3840) N E COR SIXTEENTH ST. & 25th Ave., Oakland. One-story 5-room dwelling. Owner—R. K. Larsen, 2830 E-14th St., Oakland. Architect—None.
Contractor—Fred Clausen, 1506 28th Ave., Oakland. \$4000

DWELLING
(3841) E FOURTEENTH AVE. 200 Park Blvd., Oakland. Two-story 6-room dwelling. Owner—F. T. Carr, 5811 Randolph St., Oakland. Architect—None.

One-story addition.
ADDITION
(3842) 5019 FAIRFAX AVE., Oakland. Contractor—G. A. Williams, 3820 Park Blvd., Oakland. \$6000
Owner—C. A. Trumbly, 5019 Fairfax, Oakland. Architect—None.
Contractor—E. R. Blahon, 2482 63rd Av. Oakland. \$1950

- DWELLING**
(3843) S HOLMAN ROAD 100 E Mathews, Oakland. One-story 5-room dwelling.
Owner—Eva Nelson.
Architect—None.
Contractor—F. J. Westlund, 351 12th St., Oakland. \$4800
- DWELLING**
(3844) S MANDANA BLVD 250 W Carlston, Oakland. One-story 6-room dwelling.
Owner—A. A. Glants, 4657 San Abatian, Oakland.
Architect—None. \$4000
- STATION**
(3845) W NINETEENTH 369 N Telegraph Ave., Oakland. Brick service station.
Owner—Union Oil Co., 7th and Spring Sts., Los Angeles.
Architect—None. \$2000
- DWELLING**
(3846) W 105RD AVE 50 N Walnut, Oakland. One-story 4-room dwlg. Owner—J. W. Lyon, 1509 103rd Ave., Oakland.
Architect—None. \$2400
- DWELLING**
(3847) S PIPPIN 135 E Jones, Oakland. One-story 4-room brick dwelling.
Owner—A. E. MacMurty, 1512 27th Ave., Oakland.
Architect—None. \$2900
- DWELLING**
(3848) NW SIXTIETH AND CANNING, Oakland. One-story 4-room dwelling.
Owner—E. M. Hinch, 414 15th St., Oakland.
Architect—None. \$2800
- DWELLING**
(3849) W SIXTY-FIRST 300 N San Pablo Ave., Oakland. One-story 6-room dwelling.
Owner—A. M. Samuels, San Francisco.
Architect—None.
Contractor—John Golder, 1425 West St., Oakland. \$3000
- DWELLING**
(3850) E SEVENTY-SECOND AVE., Columbia Park, Oakland. One-story 5-room dwelling.
Owner—L. R. Robinson, 2237 San Antonio Ave., Oakland.
Architect—None.
Contractor—E. M. Coates. \$2000
- RESIDENCE**
(3851) 1409 FOURTH ST., Berkeley. One-story 5-room residence.
Owner—Mr. and Mrs. G. Dorn, 846 Allston Way, Berkeley.
Architect—none.
Contractor—J. F. Meyer. \$1500
- DWELLING**
(3852) 1621 CAL ST., Berkeley. One-story 5-room dwelling.
Owner—J. W. Mecklenburg, 2019 Hearst St., Berkeley.
Architect—None.
Contractor—J. W. Mecklenburg, 2019 Hearst Bldg., Berkeley. \$2500
- DWELLINGS**
(3853) W SPALDING—South Bancroft Berkeley. Four 1-story five-room Dwellings.
Owner—L. Saroni, 806 Howard St., S. F.
Contractor—C. P. Pond, 1163 Ashmount Ave. \$12,000
- DWELLING**
(3854) S LOS ANGELES W SPRUCE, Berkeley. Two-story seven-room dwelling.
Owner—L. L. Stein, Cor. Vine and Walnut St., Berkeley.
Architect—None.
Contractor—C. B. Crane & Son, 2695 Cedar St., Berkeley. \$6000
- DWELLINGS**
(3855) SE BEVERLY PLACE and Colusa Ave., Berkeley. One-story 5-room dwelling.
Owner—Roy O. Long.
Architect—None.
Contractor—Roy O. Long Co., 2114 Shattuck Ave., Berkeley. \$3250
- DWELLING**
(3856) N BEVERLY PLACE 160, 170, 180 and 144 W Colusa, Triangle Park. Four 1-story dwellings.
Owner—Roy O. Long.
Architect—None.
Contractor—Roy O. Long Co., 2114 Shattuck Ave., Berkeley. \$13,000
- DWELLING**
(3857) E FOURTEENTH AVE. 260 S Hampel, Oakland. One-story 7-rm dwelling.
Owner—T. J. Oakes, 1009 Madison, Oak.
Architect—None. \$4500
- NURSERY**
(3858) N 41st 300 E Piedmont, Oak. Two-story Nursery.
Owner—Sunset Nursery Co., 92 41st St., Oakland.
Architect—None.
Contractor—E. Sandkuhle, 919 E 17th St., Oakland. \$1500
- DWELLING**
(3859) Fruitvale Extension, Oakland. One-story 5-room dwelling.
Owner—Chris Frederickson, 1666 14th St., Oakland.
Architect—None.
- DWELLING**
(3860) E 40th AVE 60 N Santa Rita, Oakland. One-story 4-room dwelling.
Owner—E. M. Marquis, 2827 Russell St., Oakland.
Architect—None. \$2200
- DWELLING**
(3861) E 40th AVE 270 N Carrington, Oakland. One-story 4-room dwlg. Owner—E. M. Marquis, 2827 Russell St., Oakland.
Architect—None. \$2200
- DWELLING**
(3862) E 40th AVE. 270 N Mesa, Oak. One-story 4-room dwelling.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. \$2200
- DWELLING**
(3863) E 38th AVE. 190 S Carrington, Oakland. One-story 4-room dwlg. Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. \$2200
- APARTMENTS**
(3864) S BEACON ST., 300 N Excelsior, Oakland. Two-story 18-room apt. house.
Owner—Thos. J. Rea, 1017 American Bank Bldg., Oakland.
Architect—W. J. Wilkenson, American Bank Bldg., Oakland. \$18,000
- DWELLING**
(3865) W BOND—E Vicksburg, Oakland. One-story 5-room dwelling & garage.
Owner—E. O. Francis, 3140 E 14th St., Oakland.
Architect—None. \$3100
- DWELLING**
(3866) W COLBY 500 N Alcatraz Ave., Oakland. One-story 6-room dwlg. Owner—E. A. Theile, 6427 Colby St., Oakland.
Architect—None.
Contractor—F. J. Theile, 2505 Madison Ave., Oakland. \$4600
- DWELLING**
(3867) S CHARLOT 80 W Hearn, Oakland. One-story 6-room dwlg.
- Owner—J. W. Button, 347 63rd St., Oak.
Architect—None. \$4000
- DWELLING**
(3868) S GLENDORA 600 W Edgewood, Oakland. Two-story 7-room dwelling.
Owner—Frances B. Gould, 1528 Franklin St., Oakland.
Architect—None.
- ADDITION**
(3869) E GOULDIN ROAD near Thornhill Road, Oakland. Two-story addition.
Owner—E. C. Brown, Gould Blvd., Oakland.
Architect—None. \$2000
- DWELLING**
(3870) N JEAN 150 W Grand Ave., Oakland. One-story 5-room dwlg. Owner—Edwin C. Foulkes, Alameda.
Architect—None.
Contractor—Gede & Randall, 1134 Chatham Road, Oakland. \$4000
- DWELLING**
(3871) W JAMES 250 S Clifton, Oakland. One-story 5-room dwelling and garage.
Owner—Morgensen Bros., 5664 Broadway, Oakland.
Architect—None. \$4000
- DWELLING**
(3872) N LAUREL 50 S Montana, Oakland. One-story 5-room dwelling and garage.
Owner—Burdetti Elias, 3427 Laurel Ave., Oakland.
Architect—None.
Contractor—C. J. Kheberg, 2837 Montana St., Oakland. \$3400
- DWELLING**
(3873) NE LYON AND HARRINGTON, Oakland. One-story 4-room dwlg. Owner—J. W. Lurgald, 3927 Agua Vista St., Oakland.
Architect—None. \$2500
- DWELLING**
(3874) W MARKET 160 N 40th St., Oakland. One-story 5-room dwlg. Owner—Coit Investment Co.
Architect—None. \$3800
- ROOF**
(3875) NO. 1620 SIXTY-SECOND AVE. Oakland. Tile roof.
Owner—Roman Catholic Archbishop of San Francisco.
Architect—None. \$2000
- DWELLING**
(3876) W SEVENTY-EIGHTH AVE 200 Hillside Ave., Oakland. One-story 4-room dwelling.
Owner—W. H. Duley, 78th Ave. near Hillside, Oakland.
Architect—None. \$1800
- ALTERATIONS**
(3877) NO. 110 SEVENTH ST., Oakland. Alterations.
Owner—E. L. Darsen, Fremus.
Architect—None.
Contractor—R. L. Chaption, 442 Haight Ave., Oakland. \$1000
- DWELLING**
(3878) E SIXTY-EIGHTH AVE 133 N Hamilton, Oakland. One-story 1-room dwelling.
Owner—C. A. Jackson, 1118 63th Ave., Oakland.
Architect—None. \$2400
- ALTERATIONS**
(3879) NO. 1528 TWELFTH AVE., Oakland. Alterations and addition.
Owner—E. Sinai, 54 Broadway, Oak.
Architect—None.
Contractor—K. Rubenstein, 668 6th St., Oakland. \$2640
- DWELLING**
(3880) NE THIRTY-NINTH 150 N Lincoln Ave., Oakland. One-story 4-room dwelling.

Owner—L. G. Hudson, 1771 Evers Ave., Oakland.
Architect—None. \$2500

DWELLING
(3881) N ASHBY 125 W Hillegass, Berkeley Two-story 16-room frame dwelling.
Owner—W. R. Scott, 3 West View Drive, Oakland.
Designer—F. W. Thaxter, 2117 Derby St., Berkeley. \$13,000

RESIDENCE
(3882) NW WARD AND TELEGRAPH Ave., Berkeley. Two-story 16-room residence and garage.
Owner—W. R. Scott, 3 West View Drive, Oakland.
Designer—F. W. Thaxter, 2117 Derby St., Berkeley. \$13,000

DWELLING
(3883) — MARTINEZ W Kewler, Berkeley. Two-story 8-room dwelling.
Owner—Mrs. Alice Tobad, 1121 Hawthorne Terrace, Berkeley.
Architect—None.
Contractor—Gustman-Mallett Co., 421 Ahearn Bldg., Berkeley. \$7800

DWELLING
(3884) E SACRAMENTO 322 N Channing Way, Berkeley Terrace, Berkeley. One-story 5-room dwelling.
Owner—P. Hakkaraian, 1732 San Pablo, Berkeley.
Architect—None.
Contractor—E. Hakkaraian, 1732 San Pablo, Berkeley. \$2950

COTTAGE
(3885) LOT 26 BLK 16, Berkeley Heights, Berkeley. One-story five-room cottage and garage.
Owner—E. Kitley, 3810 Market St., Oakland.
Architect—None. \$2600

ALTERATION
(3886) 3341 Broadway, Oakland. Alterations.
Owner—E. J. Middleton, 3341 Broadway, Oakland.
Architect—None. \$1400

ALTERATIONS
(3887) 4255 Howe St., Oakland. Alterations.
Owner—G. Buss, 4255 Howe St., Oak.
Architect—None.
Contractor—Jensen & Pedersen, 3417 Adeline, Oakland. \$1000

DWELLING
(3888) W Sunkist Ave. 250 E 73rd Ave., Columbia Park, Oakland. One-story 5-room dwelling.
Owner—Mathilda S. Almqvist.
Architect—None.
Contractor—John Almqvist. \$3000

DWELLING
(3889) E 61st Ave. 600 N Foothill Blvd., Oakland. One-story 5-room dwelling and garage.
Owner—Mrs. Jno. M. Glaser, 2533 Seminary Ave., Oakland.
Architect—None.
Contractor—W. W. Glaser, 2533 Seminary Ave., Oakland. \$4000

DWELLING
(3890) S 60th Ave. 143 E Telegraph, Oakland. One-story 6-room dwlg.
Owner—H. M. Nash, 937 33rd St., Oakland.
Architect—None.
Contractor—C. D. Mohr, 530 66th St., Oakland. \$1000

DWELLING
(3891) E Seminary Ave. 240 S Camden, Oakland. One-story 5-room dwlg.
Owner—P. Runyon, 4402 E 14th St., Oakland.

Architect—None.
Contractor—O. R. Johnson, 3131 Talbot Ave., Oakland. \$4000

DWELLING
(3892) S E 17th St. 110 E 41st Ave., Oakland. One-story 5-room dwlg.
Owner—R. Beasley, 2181 48th Ave., Oakland.
Architect—None. \$3000

ALTERATIONS
(3893) NO. 497 THIRTY-SIXTH ST., Oakland. Alterations and additions.
Owner—Mrs. Witt, Premises.
Architect—None.
Contractor—J. H. Jones, 832 Cleveland St., Oakland. \$1500

ALTERATIONS
(3894) NO. 574 TWENTY-FOURTH St., Oakland. Alterations.
Owner—Owen A. Riley, Premises.
Architect—None.
Contractor—N. E. Lindquist, 574 24th St., Oakland. \$1000

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded **Accepted**
Sept. 5, 1922—INTRN N in NINETEENTH or Durant St. with W in Jackson St. (as now exists) N 63° 45' W 165 ft. N 26° 15' E 267.63 ft. S 22° 48' E 49.52 ft. S 26° 33' E 49.61 ft. S 29° 23' E 53.67 ft. S 31° 53' E 51.18 ft. S 26° 15' W 147.41 ft. to beg., Oakland. P. A. Palmer to whom it may concern. Sept. 6, 1922
Sept. 6, 1922—INT. SE line 107th Ave or Plum St. with SW in E 14th SW 100xSE 40, Oakland. Vincenzo Cappello to John Perona. Sept. 5, 1922
Sept. 6, 1922—LOT 32 BLK 5, Map 4th Ave. Terrace Extn., Oakland. W H Schrader to E Maasberg. Sept. 5, 1922
Sept. 6, 1922—NO. 300 TO 320 E-18th St., 1816-1818 Third Ave., Oakland. Mabel O Mitchell to whom it may concern. Aug. 10, 1922
Sept. 6, 1922—LOT 20 BLK "E" Bryant Tract, Berkeley. Harry Leighton to Muller & La Voie. Sept. 5, 1922
Sept. 6, 1922—LOTS 15 AND 16 Grand Ave. Park being N Dowling 150 W 90th Ave., Oakland. Simon Leser to C L Hewitt. Sept. 5, 1922
Sept. 7, 1922—LOT 5 BLK 6, Northbrae, Berkeley. Frederick Parsons to Parsons & Cerny. Aug. 30, 1922
Sept. 5, 1922—NW FORTY-SEVENTH Ave 150 m or 1 SW from SW line of E-12th St., Oakland. Westgate Metal Products Co. (cptn) to Edwall & Jones. Aug. 28, 1922
Sept. 6, 1922—LOTS 22 AND 23 BLK "B" Map Broadway Terrace, Oakland. Arthur Steele to whom it may concern. Aug. 12, 1922
Sept. 6, 1922—E ROSAL AVE about 200 ft. W of Lakeshore Ave., Oakland. Chas S Greenberg to Jas L. Rich. Sept. 5, 1922
Sept. 6, 1922—LOT 11 BLK "A" Map Fourth Ave Park, Oakland. David H Farnsworth to whom it may concern. Sept. 2, 1922
Sept. 2, 1922—LOT 11 BLK "A" 4th Ave Park, Oakland. David H Farnsworth to whom it may concern. Sept. 2, 1922
Sept. 2, 1922—LOT 5 BLK 6, Northbrae, Berkeley. Frederick Parsons to Parsons & Cerny. Aug. 30, 1922
Aug. 31, 1922—LOT 4 BLK "E" Lakeshore Terrace, Oakland. Mabel L Tudor to McWethy & Greenleaf. August. 26, 1922
Sept. 1, 1922—LOT 225 Map Fourth Avenue Terrace Extn., Oakland. Arthur Elliott to California Builders Co. August 24, 1922

Sept. 1, 1922—N GRANT now 41st St. 117 50 E Linden E 50 N 100 W 50.11 S 97.11, Oakland. E W Zech to California Builders Co. Aug. 24, 1922
Sept. 1, 1922—LOT 15 BLK 11, Map Thousand Oaks, San Fran D Bromliere to whom it may concern. August 1, 1922
Sept. 1, 1922—N PARK BLVD 180 W Brooklyn Ave., Oakland. L C Fish to whom it may concern. August 23, 1922
Sept. 1, 1922—N FORTY-THIRD 305 E Grove E 35xN 100, Oakland. Paul McCourtney to whom it may concern. Aug. 20, 1922
Sept. 1, 1922—NO. 3111 ETON AVE., Berkeley. Emma L Frentrup to F C Stolte. August. 30, 1922
Sept. 1, 1922—LOTS 79 AND 80 Colby Tract, Berkeley. E L Jenks to whom it may concern. Aug. 28, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded **Amount**
Sept. 6, 1922—LOT 11 BLK 2, Map Northbrae, Berkeley. J E Strain vs G Johnson and O D and Kathleen Adams. \$76.70
Sept. 6, 1922—LOT 8 BLK "A" Map Maxwell Park, Oakland. Maxwell Hardware Co. Cptn vs W R Collins. \$1456.05
Sept. 6, 1922—SE STOKES AVE dist thereon S 58° 04' 40" W 570 ft. fm pt of inters thereof with SW in E 14th St. (as now exists since wdng) S 58° 04' 40" W 40 ft. S 30° 55' 20" E 151.32 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.21 ft. to beg; 2d SE Stokes Ave dist thereon S 59° 04' 40" W 610 ft. fm pt of inters thereof with SW in E 14th St. (as now exists since wdng) S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.41 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.32 ft. to beg; 3rd SE Stokes Ave dist thereon S 59° 04' 40" W 610 ft. fm pt of inters thereof with SW in E 14th St. (as now exists since wdng) S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.50 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.41 ft. to beg; 4th SE Stokes Ave dist thereon S 59° 04' 40" W 610 ft. fm pt of inters thereof with SW in E 14th St. (as now exists since wdng) S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.58 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 5th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 6th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 7th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 8th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 9th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 10th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 11th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 12th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 13th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 14th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 15th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 16th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 17th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 18th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 19th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 20th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 21st SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 22nd SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 23rd SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 24th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 25th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 26th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 27th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 28th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 29th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 30th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 31st SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 32nd SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 33rd SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 34th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 35th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 36th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 37th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 38th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 39th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 40th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 41st SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 42nd SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 43rd SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 44th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 45th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 46th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 47th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 48th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 49th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 50th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 51st SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 52nd SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 53rd SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 54th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 55th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 56th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 57th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 58th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 59th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 60th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 61st SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 62nd SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 63rd SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 64th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 65th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58° 57' 20" E 40 ft. N 30° 55' 20" W 151.58 ft. to beg; 66th SE Stokes Ave. dist thereon S 59° 04' 40" W 730 ft. fm pt of inters thereof with SW in E 14th St. S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.67 ft. N 58

OAKLAND BUILDING PERMIT TOTALS FOR AUGUST

Classification of Buildings	No. of Permits	Cost
1-story dwellings.....	264	\$ 722,850
1-st dwellings & stores.....	1	8,000
1-st 2-mly dwellings.....	1	6,000
1½-st dwellings.....	9	37,400
2-st dwellings.....	17	144,827
2-st dwelling & store.....	1	5,000
2-story flats.....	11	106,930
2-st apartments.....	10	121,060
2-st apts & store, add'l cost.....	1	300
1-st stores.....	7	19,550
1-story office.....	5	2,450
1-st planing mill.....	1	3,000
1-st comfort station.....	2	1,050
1-st greenhouse.....	2	1,100
1-st foundry.....	2	9,000
1-st warehouse.....	1	6,500
1-st shop.....	3	3,250
2-st factory.....	1	1,125
2-st church.....	1	30,000
1-st tile warehouse.....	1	1,000
1-st tile garage.....	3	5,550
1-st tile service station.....	1	600
2-st tile apartments.....	1	27,000
1-st conc overpass hse.....	1	7,200
1-st concrete laundry.....	1	3,600
1-st concrete garages.....	2	2,300
2-st conc cafeteria.....	1	50,000
Concrete addition.....	1	5,000
1-st blk & conc warehse.....	1	75,000
1-st steel service stn.....	2	6,000
Garages & sheds.....	232	44,911
Electric signs.....	13	3,150
Marquee.....	1	1,400
Additions.....	106	52,629
Alterations & repairs.....	145	94,469
Total.....	852	\$1,651,201

MAHAY

New construction.....	707	\$1,556,732
Alterations & repairs.....	145	94,469
Total.....	852	\$1,651,201

BUILDING CONTRACTS

FRESNO COUNTY

\$2,500 and Over Reported

DWELLING, \$7500; No. 3248 Huntington Blvd., Fresno; owner, Jas. I. Erskine, 1862 P St. St. DWELLING, \$3600; No. 335 Monticito St., Fresno; owner, Jack Bandy. DWELLING, \$4000; No. 1526 Tholunne St., Fresno; owner, Joe Forest. APARTMENT BLDG., \$14,000; No. 2913 Grant Ave., Fresno; owner, Berton & Wolff. TWO DWELLINGS and garages, \$2500 each; No. 517-525 Ferris Ave., Fresno; owner, R. C. Kennedy, Mason Bldg., Fresno. DWELLING and garage, \$3350; No. 1225 Roosevelt Ave., Fresno; owner, J. K. Jackson, 1270 Roosevelt Ave., Fresno; contractor, C. E. Millhollen, 2639 Madison St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Sept. 6, 1922—LOTS 11 & 12, Whitehouse Tract, Fresno. R. N. Peterson to whom it may concern.....
Sept. 6, 1922—Sept. 5, 1922
Sept. 6, 1922—LOTS 23 AND 24 BLK 1, Eno Tract, Fresno. Berton & Wolff to whom it may concern.....
.....August 28, 1922
Sept. 6, 1922—LOTS 17 AND 18 BLK 13, North Park Terrace, Fresno. John Fairweather to whom it may concern.....
.....Sept. 1, 1922
Sept. 6, 1922—LOTS 32, 33 & 34 BLK 2, Alhambra Tract, Fresno. M. A. Ramo to whom it may concern.....
.....Sept. 1, 1922

Sept. 6, 1922—LOTS 1 AND 2 BLK 35 K E Heights, Fresno. Severini Luigi to whom it may concern.....
.....August 26, 1922
Sept. 6, 1922—LOTS 5 AND 6 BLK 35, K. B. Heights, Fresno. John B. Perencio to whom it may concern.....
.....August 26, 1922
Sept. 6, 1922—NW ¼ OF SW ¼ N ½ OF N ½ OF SE ¼ OF SE ¼ OF Sec 17, 16-22, Fresno. Jacob Duranian to whom it may concern.....
.....Aug. 22, 1922
Sept. 6, 1922—LOT 6 BLK 6, Boulevard Gardens No. 2, Fresno. O. M. Wood to whom it may concern.....
.....Sept. 5, 1922
Sept. 6, 1922—E ½ OF S ½ OF LOT 18, Normal Acres, Fresno. Thos. S. Wadsworth to whom it may concern.....
.....Sept. 5, 1922
Sept. 2, 1922—LOT 7 Clark-McKinney Tract Sub. 1, Fresno. Ella E. McKinney to whom it may concern.....
.....Sept. 2, 1922
Sept. 2, 1922—LOTS 9 AND 10 BLK 8, Belmont Addition, Fresno. Ethel Booten to whom it may concern.....
.....August 26, 1922
Sept. 2, 1922—LOT 5, Garden Villa, Fresno. Kate W. North to whom it may concern.....
.....Aug. 31, 1922
Sept. 2, 1922—LOT 9 E ½ Lot 10 Blk 7, Torrance Terrace, Fresno. C. S. Goodenough to whom it may concern.....
.....Sept. 2, 1922
Sept. 2, 1922—LOTS 5 AND 6 BLK 25, Belmont Addition, Fresno. Ella V. Haupt to whom it may concern.....
.....August 31, 1922
Sept. 2, 1922—LOT 1, Wapella Tract, Fresno. Jacob T. Bedig to whom it may concern.....
.....Aug. 31, 1922
Sept. 2, 1922—LOTS 21 AND 22 Merwyn Park, Fresno. Jos. M. Nesbit to whom it may concern.....
.....Sept. 1, 1922
Sept. 5, 1922—E ½ OF NE ¼ OF NE ¼ of Sec. 24, 16-22, Fresno. Algot Peterson to whom it may concern.....
.....Sept. 1, 1922
Sept. 1, 1922—LOTS 35 AND 36 BLK 5, College Addition, Fresno. L. P. Peterson to whom it may concern.....
.....Aug. 31, 1922
Sept. 1, 1922—LOTS 28, 29 AND 30 Blk 8, Torrance Terrace, Fresno. Geo. E. May to whom it may concern.....
.....August 31, 1922
Sept. 1, 1922—LOT 1, Sanger Tract, Fresno. M. T. Compton to whom it may concern.....
.....Aug. 31, 1922
Sept. 2, 1922—LOTS 24 AND 25 BLK 6, Torrance Terrace, Fresno. Ray Magill to whom it may concern.....
.....Sept. 2, 1922
Sept. 2, 1922—W ½ OF LOT 10—Lot 11 Blk 7, Torrance Terrace, Fresno. C. S. Goodenough to whom it may concern.....
.....Sept. 2, 1922
Aug. 31, 1922—LOT 5 AND 6 BLK 102, Fresno. Paul Kazarian to whom it may concern.....
.....Aug. 24, 1922
Aug. 31, 1922—LOTS 10 AND 11 BLK 38, Fresno. Mary F. Wikon to whom it may concern.....
.....Aug. 30, 1922
Aug. 31, 1922—E ½ LOT 9 BLK 15, Hazelwood, Fresno. V. M. Jeskal to whom it may concern.....
.....Aug. 30, 1922
Aug. 30, 1922—LOTS 23 AND 24 BLK 222, Fresno. August Horg to whom it may concern.....
.....Aug. 30, 1922
Aug. 30, 1922—E ½ LOT 9 BLK 15, Hazelwood Addition, Fresno. V. M. Jeskal to whom it may concern.....
.....June 28, 1922
Aug. 30, 1922—LOTS 9, 10 AND 11 Blk Lot 8, Blk 1, Vernon Park, Fresno. Estelle J. Joinsol to whom it may concern.....
.....Aug. 26, 1922
Aug. 30, 1922—LOTS 33 AND 34 BLK 1, Englewood Add'n, Fresno. J. E. De Pew to whom it may concern.....
.....Aug. 28, 1922
Aug. 26, 1922—LOTS 39 AND 40 BLK 1, Recreation Park Tract, Fresno. Maegie Patton to whom it may concern.....
.....Aug. 22, 1922
Aug. 26, 1922—LOT 7 BLK 9, North Park Terrace, Fresno. Helen E.

Oeltjen to whom it may concern.....
.....Aug. 24, 1922
Aug. 26, 1922—LOT 3, Garden Villa, Fresno. W. North Kate to whom it may concern.....
.....Aug. 25, 1922
Aug. 26, 1922—LOTS 45 AND 46 BLK 6, Torrance Terrace, Fresno. E. D. and H. E. Guynn to whom it may concern.....
.....Aug. 25, 1922
Aug. 26, 1922—REAR HALF LOTS 17 to 22 Blk 28, Fresno. Glass & Butner to whom it may concern.....
.....Aug. 25, 1922

LIENS FILED

FRESNO COUNTY

Recorded Amount
Sept. 5, 1922—LOTS 28, 29 AND 30 Blk 1, Arlington Heights Tract, Fresno. R. D. Wharton vs Antonio Foristere\$252

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

\$2500 and Over Reported

COMPLETE heating work, \$11,500. North Grammar School District Stockton; owner, Board of Education, Stockton; contractor, Miller Hays Co.; limit, 100 working days. ADDITION to school, \$55,941; North Grammar School District, Stockton; owner, Board of Education, Stockton; contractor, P. W. Moiler, limit 100 working days.

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2,500 and Over Reported

DWELLING, One-story 5-room, \$2700; No. 3180 "C" Sacramento; owner, Cora E. Stiltner, 2131 J St., Sacramento; contractor, C. Koch, 3418 L St., Sacramento. WAREHOUSE, three-story and basement, \$136,800; 1227 Front St. Sacramento; owner, Crane Co., Front and M. Sacramento; architect, Woollett & Lamb; contractor, McCallister Construction Co., Front & M Sts., Sacramento. DWELLING, One-story 5-room, \$3000; 8225 2nd St. Sacramento; owner, A. Enz, 2605 O St., Sacramento. DWELLING, four-story five-room \$2800; 1600 X St., Sacramento; owner, M. F. Shelley, Mitau Bldg., Sacramento; contractor, C. Valine, box 370 Sacramento. TWO FLATS, 2-story 4-room, \$7100; 2106 K on E ½ N ½ Lot 1; owner, Mrs. J. L. McQueeney, 2106 K St., Sacramento; contractor, Thos. B. Hunt, 2926 S Sacramento. DWELLING, five-room and garage \$2800; No. 1600 X St., Sacramento; owner, M. F. Shelley, Mitau Bldg., Sacramento; contractor, C. Valine Box 370, Sacramento. DWELLING, One-story 5-room, \$3500, No. 2609 C St., Sacramento; owner, J. A. Beaumont, 1707 E St., Sacramento; contractor, Geo. C. Omsher, 3201 Downer Way, Sacramento. DWELLING, two-story 5-room, \$4900; No. 1341 37th St., Sacramento; owner, F. A. Stacer, 709 T St., Sacramento; contractor, C. H. Chatterton, 709 T St., Sacramento. SCHOOL, \$8231; Orangevale Colony, Sacramento; owner, Roberts School District; contractor, F. G. Waterbury. DWELLING, one-story 5-room and garage, \$5600; No. 1438 41st St., Sacramento; owner, Mrs. M. C. Clark, 1435 33rd St., Sacramento; contractor, J. W. Hoopes, 5126 14th Ave., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Sept. 6, 1922—WALNUT GROVE.
Walnut Grove School District, J. L.
Kercheval Clerk, to whom it may
concern.....Aug. 29, 1922
Sept. 2, 1922—LOT 2533, Oak Terrace,
Sacramento.
Cutter Mill & Supply
Co. vs Chas. H. Fitzpatrick.....\$180.46
Aug. 26, 1922—P½ LOT 3 D, E, 30TH
31st Sts., Sac. Nora Daroux.
.....July 7, 1922

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Sept. 6, 1922—S ½ of W ½ LOT 5,
Sacramento. D. H. McCulloch and
I. V. Roguin vs Mrs. A. S. (ux).....\$75
Aug. 22, 1922—E ½ LOT 4, J. K. 10th
and 11th Sts., Sacramento. W. H.
Dailley vs A. Kivlein and Henry E.
Kleinsorge.....\$144.15

BUILDING CONTRACTS

SANTA CLARA COUNTY.

\$1,000 and Over Reported

SCHOOL
GILROY. All work for one-story
Junior High School building.
Owner—Gilroy School District. Gilroy.
Architect—Wyckoff & White, Growers'
Bank Bldg., San Jose.
Contractor—E. Mommensen, 19 S-Fifth
St., San Jose.
Filed Aug. 30, '22. Dated Aug. 10, '22.
As work progresses.....75%
Usual 35 days.....25%
TOTAL COST, \$38,704
Bond, \$38,704. Sureties, Jas. K. Nelson
and A. L. Hubbard. Limit, 190 work-
ing days from Aug. 10, 1922. Forfeit,
\$20. Plans and specifications filed

DWELLING
PALO ALTO in the rear of a house*
at No. 715 Bryant St. All work
for dwelling.
Owner—Mrs. and Mrs. W. T. Tyler, 715
Bryant St., Palo Alto.
Architect—None
Contractor—Wells P. Goodenough, 455
Tennyson St., Palo Alto
Filed Aug. 30, '22. Dated Aug. 25, '22
Frame up and completed.....25%
Plastering ready for finishing.....25%
Upon completion.....25%
Usual 35 days.....75%
TOTAL COST, \$1718

Bond, none. Limit, 45 working days
from July 28, 1922. Forfeit, none.
Plans and specifications filed.

SCHOOL
GILROY. All work for one-story 14-
room grammar school building.
Owner—Gilroy School District.
Architect—Wyckoff & White, Growers'
Bank Bldg., San Jose.
Contractor—E. Mommensen, 19 S-Fifth
St., San Jose.
Filed Aug. 30, '22. Dated Aug. 10, '22.
As work progresses.....75%
Usual 35 days.....25%
TOTAL COST, \$75,561

Bond, \$75,561. Sureties, J. K. Nelson
and A. L. Hubbard. Limit, 190 work-
ing days from Aug. 10, 1922. Forfeit,
\$2. Plans and specifications filed.

COTTAGE
GILROY. All work for five-room
cottage.
Owner—Mabel E. and Myrtel E. Wet-
more, Gilroy.
Architect—Lumberman's Service Ass'n.
Contractor—William Radtke, Gilroy.
Filed Aug. 30, '22. Dated Aug. 15, '22.
Frame up.....\$1333.50
Sheathed, ready for plaster.....1333.50
Completed and accepted.....1333.50
Usual 35 days.....1333.50
TOTAL COST, \$4334.00

Bond, none. Limit, 90 working days
Forfeit, none. Plans and specifications
filed.

COTTAGE
E SOUTH ELEVENTH ST. ½ Block S
of Keyes St., San Jose. All work
for one-story frame cottage.
Owner—J. J. Gomas.
Architect—E. E. Weldon, 115 N-33rd
St., San Jose.
Contractor—E. E. Weldon, 115 N-33rd
St., San Jose.
Filed Aug. 30, '22. Dated Aug. 8, '22.
Plates up.....\$912.50
1st coat plaster on.....912.50
Building completed.....912.50
Usual 35 days.....912.50
TOTAL COST, \$3659

Bond, limit, forfeit, none. Plans and
specifications filed.

RESIDENCE
STORY ROAD, San Jose. All work for
one-story frame residence.
Owner—C. Allario, Story Road, Box
232-A, San Jose.

Architect—Wolfe & Higgins, Auzeiras
Bldg., San Jose.
Contractor—John Galotto, 233 W18th
James St., San Jose.
Filed Aug. 31, '22. Dated Aug. 30, '22.
Frame completed.....\$1125
Plastering completed.....1125
House completed.....1125
Usual 35 days.....1125
TOTAL COST, \$3450
Bond, \$4500. Sureties, Gullie Bagetto
and Euclide Belli. Limit, Nov. 28, 1922.
Forfeit, none. Plans and specifications
filed

FRAME HALL
COR. RIVER AND SAN FERNANDO
Sts., San Jose. All work for one-
story frame hall building.
Owner—Roman Catholic Archbishop of
San Francisco.
Architect—Chas. S. McKenzie, Bank of
San Jose Bldg., San Jose.
Contractor—Felix Savio, 44 N-River St.,
San Jose.

Filed Aug. 31, '22. Dated Aug. 21, '22
Foundation completed and lumber
on ground.....\$1312.50
Frame erected.....1312.50
Enclosed and roof shingled.....1312.50
Upon completion.....1312.50
Usual 35 days.....1750.00
TOTAL COST, \$7000.00
Bond, \$3500. Sureties, C. A. Biacchini
and T. Bova. Limit, 100 working days
from Aug. 31, 1922. Forfeit, none.
Plans and specifications filed.

BUNGALOW
ALAMEDA PARK, San Jose. All work
for one-story 5-room bungalow,
plastered exterior.
Owner—Mrs. Wm. Speilberg, 600 N-
17th St., San Jose.
Architect—Lumberman's Service Asso-
ciation of Los Angeles.
Contractor—Hastings Bros., Bank of
San Jose Bldg., San Jose.
Filed Sept. 2, '22. Dated June 24, '22.
Paid.....\$500
Frame up.....900
Brown coat mortar on.....900
When completed.....1250
Usual 35 days.....1250
TOTAL COST, \$4800
Bond, \$2400. Sureties, Otto E. and A.
L. Schnabel. Limit, 75 working days
from June 24, 1922. Forfeit, none.
Plans and specifications filed.

DWELLING
SAN JOSE. All work for one-story
frame dwelling.
Owner—Sarah A. Jameson, San Jose.
Architect—Binder & Curtis, 255 ½ S-1st
San Jose.
Contractor—John A. Wagner, 320 S-
15th St., San Jose.
Filed Sept. 1, '22. Dated Aug. 25, '22.
As work progresses.....75%
Usual 35 days.....25%
TOTAL COST, \$3035
Bond, \$1527.50. Sureties, Carrie P.
Fowler and Mary H. Russell. Limit, 60
working days from Sept. 1, 1922. For-
feit, \$1 per day. Plans and specifi-
cations filed.

RESIDENCE
SW MEKITYLE AND EMORY STS., Col-
lege Park Tct. San Jose. All work
for two-story frame residence.
Owner—R. M. Wright, Bank of San
Jose Bldg., San Jose.
Architect—Wolfe & Higgins, Auzeiras
Bldg., San Jose.
Contractor—J. W. Osborne and R. C.
Knight, Mountain View.
z
Filed Aug. 30, '22. Dated Aug. 21, '22
Frame up.....\$4671.25
1st coat plaster on.....4671.25
Finished and accepted.....4671.25
Usual 35 days.....4671.25
TOTAL COST, \$18,685.00
Bond, \$9342.50. Sureties, James H.
Pierce and S. H. Chase. Limit, 90
working days from Aug. 21, 1922. For-
feit, none. Plans and specifications
filed.

MAUSOLEUM
SANTA CLARA CATHOLIC CEME-
tery, Santa Clara. All work for
mausoleum or cemetery vault.
Owner—A. D. Guidotti, 64 Sierra Ave.,
San Jose.
Architect—None.
Contractor—San Jose Granite & Marble
Company.
Filed Aug. 30, '22. Dated Aug. 30, '22.
Signature and delivery of con-
tract.....\$500
Completion of base course.....500
Before roof and marble work is
set.....500
Usual 35 days.....3500
TOTAL COST, \$4500
Bond, \$2250. Sureties, E. Portolupi &
A. Picchetti. Limit, latter part of
December, 1922. Forfeit, none. Spec-
ifications only filed.

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COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Sept. 2, 1922—NO. 33 SCHUELE AVE.,
San Jose. B J Smith to whom it
may concern.....Aug. 30, 1922
Aug. 30, 1922—NO. 829 WALNUT ST.,
San Jose. John and Anna Streigel
to whom it may concern.....Aug. 29, 1922
Aug. 30, 1922—SAN JOSE. Anthony
E. Lopes to Jerome Garcia.....
.....August 28, 1922
Aug. 30, 1922—CAMPUS OF THE Le-
land Stanford Junior University,
Palo Alto. Professor C G Vernier
to George Jacobsen.....Aug. 26, 1922

Aug. 30, 1922—CAMPUS OF THE LEHMAN Stanford Junior University, Palo Alto. Professor C. G. Vernier to Frederick W. Snook & Co., Inc.
August 26, 1922
Aug. 21, 1922—W. SARATOGA AND LOS GATOS ROAD, N. Vickery Lane, Santa Clara Co., Susan Helen Gulle to Lindholm & Nelson (2 acceptances)
Aug. 29, 1922
Aug. 31, 1922—SEVENTH ST., San Jose. E. W. and Minnie E. Bentheim to E. Nommensen
Aug. 31, 1922
Aug. 31, 1922—LOT 15 BLK 4, Shotenheimer Tract, San Jose. R. B. Harris to W. H. Norman
Aug. 21, 1922
Sept. 1, 1922—GILROY, Giovanni and Pietro M. Filice to Palmer & Ehrlich
Aug. 11, 1922
Sept. 1, 1922—PALO ALTO, George Sayes to Bruce Con Co.
Aug. 20, '22
Sept. 1, 1922—LOS GATOS, John T. and Faith E. Malvius to Lawrence G. Case
Aug. 24, 1922

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Aug. 31, 1922—SAN JOSE, Frank R. Cox vs W. Hastings and Charles T. Hastings of Hastings Bros. and John T. and Mary E. Corstenn
\$240.04

BUILDING CONTRACTS

SAN MATEO COUNTY

APARTMENTS
LOT 6 BLOCK THREE, BURLINGAME
Land Co., Burlingame; all work; two-story frame 4-apt. bldg.
Owner—Chas. and Minnie Seis, Burlingame.
Architect—Hutchinson & Mills, 1512 Broadway, Oakland.
Contractor—Dowatt Ruhl Co.
Filed Aug. 25, 1922. Dated Aug. 14, 1922
Framed \$2500
Browned 2500
Std Trussed 2500
Completed 2500
35 days 2445
TOTAL COST, \$12,445
Bond, none; sureties, none; forfeit, none; limit, 90 working days; specifications filed, none; plans filed, none.

BUNGALOW
LOT 7 BLOCK 37, LYON & HOAG SUB.
Town of Burlingame. All work for one-story bungalow.
Owner—Wm. A. Sheehan.
Architect—None.
Contractor—Charles G. Adams, 109 Asundel St., Burlingame.
Filed Aug. 24, 1922. Dated Aug. 18, 1922
Framed \$ 846.25
Browned 846.25
Completed 846.25
35 days 846.25
TOTAL COST, \$3385.00
Bond, none; sureties, none; forfeit, none; limit, 60 days; specifications filed, none; plans filed, none.

RESIDENCE
CRESENT AVE. near or adjacent to Lot 151, San Mateo Park, San Mateo. All work for one-story and basement residence and garage.
Owner—H. E. Trumbo, San Francisco.
Architect—H. G. Stoner, 61 New Montgomery St., San Francisco.
Contractor—A. Magnuson and A. Peterson, San Francisco
Filed Aug. 25, '22. Dated June 29, '22
Framed \$1737.50
Brown coated 1737.50
Accepted 1737.50
Usual 35 days 1237.50
TOTAL COST \$6500.00
Bond, none; sureties, none; forfeit, \$5; limit 90 working days; specifications and plans filed

COTTAGE
LOCATION NOT GIVEN. All work for one-story cottage and garage.
Owner—Chas. J. and Mrs. C. J. Gotting, Burlingame.
Contractor—E. S. Shaver.
Filed Aug. 26, '22. Dated Aug. 19, '22
Roofed
Plastered
Finished
Usual 35 days
TOTAL COST \$2980

Bond, none; sureties, none; forfeit, none; limit, 60 working days; plans only filed.
BUNGALOW
EASTERN ADDITION NO. 1, Burlingame, Cal. All work for five-room bungalow.
Owner—Florian Sloesser.
Contractor—Alfred Dahl.
Filed Aug. 28, '22. Dated Aug. 18, '22
Framed \$1750
Brown coated 1150
Doors hung 1150
Completed 1150
TOTAL COST, \$5200
Bond, none; sureties, none; forfeit, none; limit, 100 working days; specifications and plans not filed.

OFFICE BUILDING
PORTION BLK 15 Burlingame No. 1, Burlingame. All work for one-story Class C reinforced concrete store and office building and one-story garage.
Owner—Dairy Delivery Co., Burlingame.
Architect—Will H. Toepke, 942 Market St., San Francisco.
Contractor—William Martin, 180 Jessie St., San Francisco.
Filed Aug. 28, '22. Dated Aug. 23, '22
Walls poured \$1400
Brown coated 4140
Standing finish up 4144
Completed 4150
Usual 35 days 5525
TOTAL COST, \$25,099
Bond, \$11,050; sureties, V. Sasso and Edwin T. Peterson; forfeit, \$10; limit, 90 working days; specifications and plans filed.

BUNGALOW
LOT 31 BLK 9 Burlingame Add. No. 2. All work for one-story stucco bungalow.
Owner—E. O. Oliver, Burlingame.
Contractor—Cavanaugh Bros., Burlingame.
Filed Aug. 26, '22. Dated Aug. 24, '22
Roofed \$1487.50
Plastered 1487.50
Completed 1487.50
Usual 35 days 1487.50
TOTAL COST, \$5050.00
Bond, none; sureties, none; forfeit, none; limit, 60 working days; plans and specifications filed, none.

RESIDENCE
W. 25 LOT 23 & E 8 LOT 22 BLK 100 South San Francisco, Cal. All work for one-story Residence and Basement.
Owner—G. Pettrocchi, South San Francisco.
Architect—None.
Contractor—Adolfo Conuccini, South San Francisco.
Filed Sept. 1, 1922. Dated Aug. 23, 1922
Framed and ready for T & G \$1000
Completed 1000
Usual 35 days 1000
TOTAL COST, \$3000
Bond, \$1500; sureties, L. Bortoli and F. Brocchini; forfeit, none; limit, 90 working days; plans and specifications filed.

BUNGALOW
LOT 2 BLK 1 Easton Add No. 1, Burlingame, Cal. All work for one-story Bungalow.
Owner—Mrs. Etta B. Savage, 2606 Howard St., San Francisco.
Architect—None.

Contractor—George M. Bobst, Mountain View, Cal.
Dated Sept. 2, 1922. Filed Aug. 14, 1922
Enclosed 25%
Plastered 25%
Completed 25%
Usual 35 days 25%
TOTAL COST, \$2267.50
Bond, none; sureties, none; forfeit, none; limit, 60 working days; plans and specifications filed.

ADDITION
RUNNEYMEAD near Menlo Park and Palo Alto (Ravenswood School). All work for additions to one-story brick and frame school.
Owner—Ravenswood School District.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Contractor—Palo Alto Engineering & Const. Co., Palo Alto.
Filed Aug. 30, 1922. Dated July 31, 1922
1st and 15th 75%
Usual 35 days 25%
TOTAL COST, \$20,404
Two bonds, each \$10,202; sureties, National Surety Co.; forfeit, none; limit, 90 working days; plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Amount
Sept. 1, 1922—W. PT. LOT 7 BLK 9 Burlingame, Cal. E. Gertrude and Adella Look to A. Dusenberry
Aug. 5, 1922
Sept. 1, 1922—LOT 10 BLK 10 Burlingame Terrace No. 2 Burlingame, Cal. Charles S. Bell
July 10, 1922
Aug. 31, 1922—LOT 4 BLK 18 VISTA Grand Tract No. 1, Daly City. Jennie M. Beland to A. McDonald, A. Marchie, Door Campbell and all
Aug. 26, 1922
Aug. 30, 1922—LOT 6 BLK 7 EASTON Add to Burlingame, Cal. W. S. Bonon to H. H. Putnam
Sept. 9, 1922
Aug. 23, 1922—LOT 6 BLK 4 Central Addition, San Mateo. Arthur L. and O. H. Scott to Unit Builders
Aug. 24, 1922
Aug. 24, 1922—LOT 8, Burlingame. James and Hannah Doherty to Thomas J. Broderick
July 29, 1922

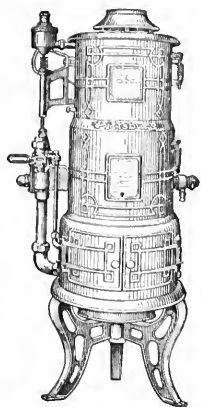
BUSINESS OPPORTUNITY FOR MATERIAL DEALERS AND MANUFACTURERS

Max E. Cook, Farmstead Engineer, Delhi State Land Settlement, advises that a Community Fair will be held at Delhi, Cal., on Sept. 15 and 16 and that he intends installing an exhibit of Farmstead photographs and farm building plans, photographic models, etc., and offers material dealers in San Francisco and the Bay Counties an excellent opportunity of exhibiting their products.

"The service I render to settlers as Farmstead Engineer in charge of all building work and the planning of individual farmsteads," says Mr. Cook, "necessitates my carrying a full line of sample building materials together with price, specification, data, etc., particularly those materials most used and most suitable in farm building construction."

Engineer Cook especially desires to have complete information and samples on hand for the following materials: Wall board, roof coverings, stucco finishes, metal lath, brick, hollow tile, shingle stain, paint color samples, interior decoration suggestions, modern plumbing, awnings, fencing, hardware, barn equipment, etc.

Further particulars may be obtained from Mr. Cook, at Delhi, California.



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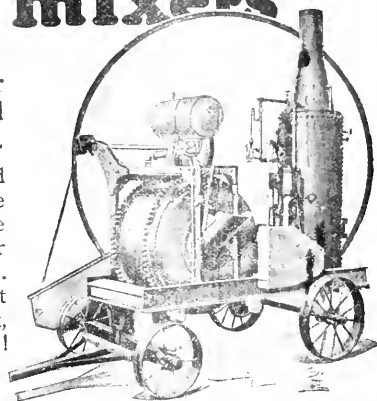
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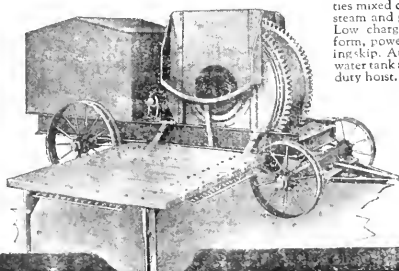
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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., SEPTEMBER 16, 1922

Twenty-second Year No. 37



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WATER BOARD TO MAKE EIGHT-DAY INSPECTION TRIP

Announcement that the consulting board of water resources investigation which is being made by the State Department of Public Works, would make an eight-day trip through Northern California, beginning Sept. 19, is made by officials of the department. The trip will be made for the purpose of obtaining information which will be included in the report of the committee to the legislature next year.

The trip includes an inspection of reservoir sites in Trinity county, in the Sacramento river canyon and along the Pit and McCloud rivers. While on the trip the party will be entertained by the various chambers of commerce and other civic bodies.

Members of the committee who will make the trip follow:

J. C. Forkner, chairman, Fresno; H. A. Kluegel, state water commissioner, Sacramento; U. S. Webb, attorney general, San Francisco; Col. R. B. Marshall, Patterson; Jonathan S. Dodge, San Francisco; Peter Cook, Rio Vista; B. A. Etcheverry, Berkeley; H. H. Hawgood, Los Angeles; H. D. McGlashan, San Francisco; A. R. Tont, Porterville; Paul Bailey, deputy state engineer, and Geo. C. Kreutzer, assistant to Dr. Elwood Mead.

ENGINEER SELECTED TO IMPROVE YANGTZE RIVER

According to press dispatches from Shanghai the Yangtze River Commission which is directing a project for the improvement of the great waterway, has appointed George G. Strohe, chief survey engineer in connection with the project. Mr. Strohe was in the Philippine government service for 12 years as hydraulic engineer, designing irrigation, river and harbor works. Before he went to the Philippines he was graduated from Chicago University in 1902 and received a degree from the University of Michigan in 1904, subsequently teaching civil engineering at the University of Michigan for a period of years.

San Francisco to be Base for Forty Million Dollar Steel Concern

Coincident with the filing of incorporation papers in Delaware, formal announcement of the formation of a \$40,000,000 steel company with San Francisco as the principal manufacturing center of the Pacific Coast, is made.

The new corporation, completely financed by San Francisco, Los Angeles, Seattle and Salt Lake banking institutions, is to be known as the Pacific Steel Corporation, and will be a combination and enlargement of present steel manufacturing plants on the Pacific Coast.

Complete transition of steel from iron ore to the fabricated product will be the object of the new corporation, and in the carrying out of this plan it is announced that a pig iron plant, costing more than \$7,500,000, is to be erected immediately in Utah. The pig iron plants will be erected on immense iron ore and coal deposits in that state, already acquired by the corporation, and will serve as a source of supply for raw materials for the completed manufacture of fabricated steel here.

At the same time the San Francisco plant of the Pacific Coast Steel Co., already the largest of its kind west of the Rockies, is to be enlarged to practically double its present capacity, and other plants owned by the same company in Seattle and Portland also are to be enlarged materially.

Joining with the Pacific Steel Co. in the new corporation also is the Southern California Iron and Steel Co., of which A. T. Milner, of Salt Lake City, is the head, and which owns vast coal and iron ore properties in that state.

Also said to be allied with the new corporation for the complete production and manufacture of steel on the Pacific Coast is the Milner Corporation of Utah, of which A. T. Milner, of Salt Lake City, is the head, and which owns vast coal and iron ore properties in that state.

The first formal announcement of the new \$40,000,000 corporation was made here yesterday morning in a short statement which told of plans for the incorporation of the new company in Delaware.

T. T. C. Gregory, San Francisco counsel of the new corporation, verifies the earlier announcement and briefly outlined the operating plans of the new corporation.

BUILDING OPERATIONS LEADS IN ACTIVITY

The building and allied industries lead all lines of activity at the present time, according to the seventh bi-monthly review of industrial-economic conditions just issued by the National Industrial Conference Board. Reliable authorities, it is said, state that the country during recent months has been undergoing a building boom without equal in the history of the country.

"It is estimated that \$3,000,000,000 has been awarded in contracts for residential buildings and that housing quarters sufficient for a million families will therefore have been provided by the end of the year," the review adds. "An equivalent amount has been awarded for construction of business buildings and factories."

"July was the fourth successive month in which the previous building records of the country were broken. The great amount of activity has resulted in numerous reports of labor

"The Pacific Steel Corporation will be a combining of plants of the present Pacific Coast Steel Co., San Francisco, Seattle and Portland, and of the Southern California Iron and Steel Company in Los Angeles and other places into one big concern," Gregory said.

"The object of the new corporation will be the complete manufacture of steel from raw material to finished products on the Pacific Coast."

"At the present time there is no pig iron manufactured west of the Rocky Mountains and plants already here are dependent upon the East for their supply of both pig iron and coke."

"The combination of steel companies will also provide for the acquiring of immensely valuable iron ore and coal deposits in Utah, which will be utilized as a source of supply for raw materials."

"The object of the new corporation will be: First, to establish and build up a big iron industry and source of supply in Utah, and with this accomplished, to increase and expand the present steel manufacturing industry on the Pacific Coast."

"Only active, experienced steel manufacturers are in the new concern and it will be an independent corporation, strongly and adequately financed in every respect."

In addition to the companies already participating in the new combination, Gregory also said that it was probable that the Judson Manufacturing Co., of Oakland, the second largest steel plant on the Pacific Coast, also would be one of the concerns to join in the new enterprise.

The announcement of the incorporation is the second big steel manufacturing venture to be launched here within the last six weeks.

On July 1 the formation of the Columbia Steel Co., with a capitalization of \$17,000,000, and which offered a consolidation of several California steel manufacturing plants, was announced here. Like the newly organized Pacific Steel Corporation, the Columbia company also has acquired valuable iron and coal lands in Utah, and plans to produce its own pig iron and coke there for use in Coast plants.

Waglington E. Creed, head of the Pacific Gas and Electric Co., is president of the recently organized Columbia company.

"Shortage of both skilled and unskilled workers in all sections of the country, on account of increased demand prices have been steadily rising. The increase has been felt particularly in brick, cement, sand, flooring, shingles, roofing materials and other standard materials."

OAKLAND STREET WORKERS AVERAGE \$55.2 A DAY

The Oakland street department's pay roll averages \$55.2 a man a day, according to a cost-chart maintained by W. W. Harmon, city engineer, concerning the 282 employees in the department. The lowest paid employees are the laborers of the garbage and burning crews, at \$4.97. The salaries which make up the \$55.2 average are as follows: Office, \$3.72; garage, \$5.62; maintenance, \$4.71; construction, \$6.72; corporation yards, \$5.21; sewer crew, \$5.53; sweeper crew, \$5.10; engineer's office, \$5.29; burning crew, \$4.97.

WHAT HE HEARS AND SEES ON HIS ROUNDS

Frank Nizora has resigned his position as city engineer of Madera.

LOS ANGELES BUILDING FOR AUGUST TOTALS \$11,523,891

Los Angeles building total for August, 1922, was the 2nd largest monthly total on the records of the city building department. A total of 4294 permits with an estimated valuation of \$11,523,891 were issued. The high record in valuation was \$12,959,686 in April, 1922. Compared with the same month in 1921, August shows a gain of nearly 10 per cent. Compared with the preceding month, August shows a gain of about 31 per cent.

August, 1922, was a record month for housing operations. These were represented by a total of 1684 permits for dwellings, flats and apartments with an estimated valuation of \$6,650,542, providing accommodations for 2653 families. Housing operations comprised 39.3 per cent of the total number of permits and 57.7 per cent of the total valuation for the month. There has been a notable increase in the number of larger apartment houses for which permits have been issued during the last two or three months.

Class A, B and C construction for August, 1922, comprised a smaller proportion of the total than for any other month this year except July, amounting to only \$2,450,877. Only one large project was included in the permits for the month, the 12-story steel frame bank and office building at 625 S. Spring St., for the Spring Street Realty Co., estimated to cost \$494,000. Three Class A reinforced concrete buildings aggregated in value \$730,000 and 53 Class C buildings aggregated \$1,211,977. Included in the high record valuation for April was the Biltmore hotel permit for \$4,485,000.

The following table shows the relation of Class A, B, and C construction, comprising chiefly buildings other than those used for residential purposes and housing operations, to the total of each for each of the eight months of 1922:

	Total	C. A, B, C	Housing
Jan. \$	7,975,169	\$1,500,398	\$4,990,632
Feb.	7,579,798	5,149,493	3,416,721
March	10,964,829	2,976,253	5,526,000
April	12,959,686	6,058,900	5,087,701
May	9,227,504	1,190,766	5,447,575
June	10,652,265	4,226,382	5,002,829
July	9,064,018	1,548,711	5,067,455
Aug.	11,523,891	2,450,877	6,650,542

TRAINED YOUNG MEN NEEDED IN HIGHWAY WORK

Methods for the training of young men to supply the demand in the fields of highway engineering and highway transport are to receive consideration at a meeting of prominent educators, highway officials and representatives of the automotive industry to be held in Washington, October 26 to 28, under the auspices of the Highway Educational Board.

In connection with the coming meeting Thomas H. MacDonald, chief of the U. S. Bureau of Public Roads, says: "With the rapidly expanding State and Federal highway programs and the enormous growth of highway transport a large number of properly trained young men will be needed to enter the different branches of the field. Each year the highway construction and highway transport industries call more and more for men from the colleges and this meeting is held for the purpose of devising courses of training which will best fit the student to fill the positions offered. The Bureau is taking an active interest in the work of the Highway Education Board and plans to assist in the formulation of curricula for highway engineering education and to aid in carrying out the plans by furnishing models, motion pictures and lantern slides of road work for use in highway courses."

Lumber Cut of 710 Mills in 1919-1920

The Department of Commerce announces that the lumber cut of 710 saw-mills, according to census reports, showed a decrease of 578,102,000 feet, or 1.2 per cent for 1921, as compared with the cut of these same mills in 1919.

The statement, which was prepared in cooperation with the Department of agriculture, Forest Service, covers most of the large mills reporting a total cut of 5,000,000 feet or more in either 1921 or 1919. The cut of these mills in 1919 represented 40 per cent of the total cut in the United States. These mills are located in 32 states, consequently the comparison reflects conditions as they were in practically all important lumber regions in the principal southern

It is of particular interest to note that mills in the north and west generally show decreases, but since the cut of these mills, considered as a whole, decreased but slightly from 1919 it appears reasonable to forecast that the lumber cut for 1921 will not differ greatly from that reported for 1919.

Comparative Statement of Lumber Cut, 1919-1921

State—	No. Mills Reporting	No. Mills (—Lumber Cut—Feet B. M.—)	
		1919	1921
Alabama	34	456,845,000	571,778,000
Arkansas	37	563,495,000	613,424,000
California	34	1,001,837,000	971,210,000
Florida	25	338,275,000	420,399,000
Georgia	16	152,308,000	195,790,000
Idaho	23	512,983,000	411,032,000
Kentucky	5	98,132,000	79,824,000
Louisiana	110	2,035,118,000	2,259,126,000
Maine	6	54,704,000	62,561,000
Michigan	28	268,323,000	266,122,000
Minnesota	13	472,704,000	334,192,000
Mississippi	32	933,891,000	1,067,848,000
Missouri	1	48,994,000	43,698,000
New York	6	72,898,000	52,896,000
North Carolina	20	209,030,000	223,371,000
Oregon	53	1,411,963,000	1,216,563,000
South Carolina	23	205,138,000	291,356,000
Tennessee	14	131,506,000	123,591,000
Texas	32	514,031,000	647,216,000
Virginia	10	138,170,000	106,224,000
Washington	114	3,287,797,000	2,912,441,000
West Virginia	26	318,037,000	216,042,000
*All other states	21	380,665,000	262,581,000
Total	710	13,929,697,000	13,351,595,000

*Includes Arizona, Maryland, Massachusetts, Montana, Nevada, New Mexico, Ohio, Oklahoma, Pennsylvania, South Dakota and Wisconsin.

STANDARD SUSPENDED CEILING SPECIFICATIONS

After much research in connection with the common practice in the different localities throughout the United States, the following specifications have been approved by the Associated Metal Lath Manufacturers as being the minimum safe specifications for suspended ceilings:

HANGER—The vertical member which carries the steel framework.

The minimum size for hangers shall be No. 8 galvanized wire 1-3/16 in. flats or 7/32 in. round mild steel rods. The wire is to be attached by twisting three times, flats attached by bolting with 3/8 in. bolts, rods by twisting twice, or by right angle bends and wiring. They shall be spaced not to exceed 4 ft. centers in either direction.

RUNNER CHANNEL—The heaviest horizontal member.

Furring channels are to be not less than 1 1/2 in. channels with a minimum of .442" per lineal foot. They shall be spaced not to exceed 4 ft. on centers.

FURRING CHANNEL—The smallest horizontal member, to which the lath is attached.

Furring channels shall be not less than 3/4 in. channels with a minimum weight of .216" per lineal foot, attached to runner channels by at least three loops of No. 16 galvanized wire at each crossing. They shall be set on various centers, depending upon the lath to be used. A maximum of 1 1/2 in. centers maximum for 3/4" flat lath, 1 3/4 in. centers maximum for 3/4" flat lath, 1 3/4 in. centers maximum for 3/4" flat lath.

METAL LATH—The plastering base and reinforcement.

Metal lath shall weigh not less than 3 1/2 per square yd. Metal lath shall be attached to the furring channels by No. 18 gauge annealed galvanized lather's wire, every 6 in. along the furring channels.

The Observer.

(Continued from Page 4)

New bids will be considered by the Sacramento city commissioners on Sept. 19 to construct the intake portion of the Sacramento filtration project. Under the last call for bids the Mathews Construction Co., of Sacramento, submitted an informal offer but this was rejected.

The U. S. Steel Corporation announces that it has recommended to its subsidiary companies that the price of stand rails be increased commencing October 1 to \$43 per gross ton base, f. o. b. mills for delivery in about equal monthly installments prior to June 30, 1922.

The Riga Asbestos Mining Co. of Los Angeles, represented by J. H. Richardson, has purchased for \$15,000 the One-step, Two-step and Three-step asbestos mining claims of the Triangle Asbestos Ass'n., at Glote, Ariz.

Bids for furnishing from 50,000 to 75,000 barrels of cement for use on the Don Pedro Dam project will be considered by the Directors of the Turlock and Modesto Irrigation Districts on September 29.

The Alameda General Hospital Co. has incorporated in Alameda for the purpose of building a modern hospital in that city. The building will cost \$300,000.

The Palo Alto Sheet Metal Works has moved to new and larger quarters at 121 Ramona St., Palo Alto. C. E. Spangler is manager.

Building News Section

APARTMENT HOUSES

Preliminary Plans Being Prepared.
APARTMENTS. Cost, \$1,750,000.
LOS ANGELES, L. S. Angeles Co., Cal.
Hollywood Blvd. and Fuller Ave.
Twelve-story class A apartment house
Owner—A. C. Buchanan and Associates.
Architect—Alfred Corbett and Claud
Beelman, Union Bank Bldg., L. A.

Plans Being Prepared—Contract Awarded.
APT. HOUSE. Cost, \$250,000.
LOS ANGELES, L. A. Co., Cal., 9th St.
between Dunbar Brac and Beacon
Streets.
Four-story and basement class "C" brick apartment house 67 apts.
Owner—D. Rutledge.
Architect and Contractor—Universal
Building & Construction Co., 305
Union Bank Bldg., Los Angeles.

Plans Being Prepared—Contract Awarded.
APARTMENTS. Cost, \$175,000.
LOS ANGELES, L. S. Angeles Co., Cal.
San Marino and Oxford Ave.
Four-story and basement class C brick
apartment house 40 apts. 4-room
apartments.
Owner—Mr. Corp.
Architect and Contractor—Universal
Building & Construction Co., 305
Union Bank Bldg., Los Angeles.

Contract Awarded.
APT. HOUSE. Cost, \$50,000.
SAN FRANCISCO, Turk and Leavenworth
Sts.
Three-story and basement brick apt.
house.
Owner—C. S. Grillo, care Standard Investment Co., 945 Market St., S. F.
Architect—Wm. Beasley, 945 Market St.
Contractor—Ehrhart & Co., Olympic Club
San Francisco.

Figures to Be Taken in Two Weeks.
APT. HOUSE. Cost, \$40,000.
SACRAMENTO, Sacramento Co., Cal., I
St. between 14th and 16th.
Two-story frame and stucco apartment
house, tile roof (12 3-room apts.).
Owner—Miss Edith L. Grove.
Architect—Leonard Starks, Gehsner
Building, Sacramento.

One of the features of the new apartment will be its electrical equipment. It will have electric washers and driers, electric stoves and heating system, electric lights and ironing machines.

There will be a special ventilating system installed in the roof to protect the tenants on the upper floor from the heat during the summer months.

Contract Awarded.
APARTMENTS. Cost, \$86,000.
SAN FRANCISCO, S O'Farrell bet. Hyde
and Polk streets.
Three-story reinforced concrete apt. house.
Owner—S. S. Grillo, care Standard Investment Co., 945 Market St., S. F.
Architect—Wm. Beasley, 945 Market St.
Contractor—Ehrhart & Co., Olympic Club, San Francisco.

BANKS

Plans Being Prepared.
BANK BLDG. Cost, \$225,000.
POMONA, L. S. Angeles Co., Cal.
Five-story, mezzanine and basement
class A bank and office building
67,890.
Owner—First National Bank.
Architect—Alfred Corbett and Claud
Beelman, Union Bank Bldg., Los Angeles.

Plans to Be Prepared.
ADDITION.
ALAMEDA, Park St. and Santa Clara
Ave.
Add to present bank building.
Owner—Citizens National Bank, Thos.
Hurt & Co., president.
Work will not be started till spring.

BONDS

VENICE, Cal.—A bond election to provide fire protection system extensions and betterments is planned by city trustees.

COLUSA, Colusa Co., Cal.—Election will be held in November to vote bonds of \$100,000 for construction of a new fire-proof county hospital.

MADERA, Madera Co., Cal.—Until October 15 will be received by supervisors for purchase of \$15,000 bond issue of Mendota school district; proceeds to finance school improvements.

CHOWCHILLA, Madera Co., Cal.—Bonds of \$50,000 noted in Chowchilla school district to finance construction of building for industrial and agricultural classes.

NAPA, Napa Co., Cal.—Until Sept. 21, bids will be received by city council for purchase of \$45,000 bond issue of Salvador School District; proceeds of sale to finance school improvements.

COLUSA, Colusa Co., Cal.—Election held in Colusa High School District to vote \$25,000 in bonds for new school building to carry 527 for issue and 419 for interest.

CHICO, Colusa Co., Cal.—State Highway Finance Board will sell \$500,000 worth of state highway bonds on Nov. 2.

NAPA, Napa Co., Cal.—Until Sept. 23, bids will be received by City Council for purchase of \$300,000 bond issue to finance development of municipal water system H. A. Harrold, city eng.

CHURCHES

Contract Awarded.
CHURCH.
LOS BANOS, Merced Co., Cal., \$25,500.
Concrete and basement reinforced concrete church.
Owner—Roman Catholic Church.
Architect—C. Fantoni, 550 Montgomery St., San Francisco.
Contractor—Guy H. Wilson.

Preliminary Plans Being Prepared.
CHURCH. Cost, \$250,000.
BERKELEY, Alameda Co., Durant Ave.
between 14th and 16th Way and Dana St.
Fireproof church.
Owner—Trinity Methodist Church.
Architect—Geo. Lushforth, 354 Pine St., San Francisco.

The money is now being raised. Construction will not be started until at least next summer.

Segregated Figures Being Taken.
CHURCH. Cost, \$260,000.
LOS ANGELES, Los Angeles Co., Cal.
Guilford St. near Euclid Ave.
Hollow tile church.
Owner—Eleventh Church of Christ
10th and F Sts., Los Angeles.
Architect—A. F. Leicht, 452 N-Vermont
St., Los Angeles.

LIVINGSTON, Merced Co., Cal.—Rev. Van Dyke Todd has purchased site at F and Third Streets and will build church for First Baptist congregation.

SAN JOAQUIN, Fresno Co., Cal.—Dr. Herman Janss, managing director of the James March, announces construction will be started in the near future on a \$55,000 church building in the east section of town for the Baptist society.

SANTA BARBARA, Santa Barbara Co., Cal.—Architects Soule, Murphy & Hastings, 1206 State St., Santa Barbara, are preparing plans for the St. Vincent's Orphanage to be erected on the Goleta Farm owned by the Sisters of St. Vincent. The proposed building will cost about \$23,000, of which \$200,000 has already been secured. Ground will be broken within two months. The building committee consists of W. F. Kelly, chairman; Chas. A. Edwards, Edw. R. Vail, Bernhard Hoffman and Francis Price.

FACTORIES & WAREHOUSES

Contract Awarded.
ADDITION. Cost, \$10,000.
BERKELEY, Alameda Co., Cal., University Ave. and 3rd St.
Two-story brick and concrete addition to factory.
Owner—El Dorado Oil Co., premises.
Contractor—MacDonald & Kahn, 130 Montgomery St., S. F.

Bids Opened.
PACKING PLANT. Cost, \$42,955.
PETALUMA, Sonoma Co., Cal., East Petaluma.
Hollow Tile Packing Plant, 110x210 ft.
Owner—Poultry Producers of Central California, 225 E. Washington St., Petaluma, Cal.
Architect—Drained Jones, 110 Washington St., Petaluma, Cal.
Low Bids—B. J. Jones and Jones, 150 Jessie St., San Francisco.
Other bidders were: Vogenson Const. Co., Petaluma, \$47,000; Matthews & Gale, San Francisco, \$47,047; R. W. Moller, San Francisco, \$47,047; J. O. Kuykendall, Santa Rosa, \$46,555.

Low Bidder.
COLD STORAGE BLDG. Cost, \$—
SAN BERNARDINO, San Bernardino Co., Cal.

Four-story reinforced concrete cold storage building.
Owner—Southern California Ice Co.
Architect—Howard E. Jones, Katz Bldg., San Bernardino.
Low Bidder—Day & Co., Constr. Co., 1445 E-16th St., San Bernardino.
Cork insulation and refrigeration will be let separately.
(12857) 1st report July 31; 2nd July 20.

Plans Being Figured.
WAREHOUSE. Cost, \$—
LOS ANGELES, Los Angeles Co., Cal.—Fourth and Alameda Sts.
Five-story class A reinforced concrete warehouse.
Owner—Pekin Fireproof Storage Co.
Engineer—Edw. T. Flaherty, 425 I. W. Hellman Bldg., Los Angeles.

Contract Awarded.
WAREHOUSE. Cost, \$—
LONG BEACH, Los Angeles Co., Cal., W Anaheim Road.
One-story brick warehouse.
Owner—Crane Co.
Architect—W. Horace Austin, 222 First National Bank Bldg., Long Beach.
Contractor—W. C. Reed, 204 Brock Bldg., Long Beach.

AJO, Ariz.—H. Kerkon Burch, engr., Jr., Phoenix, Ariz., Los Angeles, has prepared plans for a 5000-ton concentrator plant to be erected at Ajo, Ariz., for the New Council Mining Co. Bids have been taken for steel. The plant will cost \$3,000,000.
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Contract Awarded.
WAREHOUSE. Cost, \$125,990
SEATTLE, Wash. NE Railroad Ave. and Connecticut St.
 Three-story concrete and mill construction stores and warehouse, 171x127.
 Owner—F. D. Black, Inc.
 Architect—J. R. Nevins, Hoge Bldg., Seattle, Wash.
 Contractor—A. W. Quist Co., Hoge Bldg., Seattle, Wash.

Contract Awarded. Cost, \$148,800
REPAIRS SHOP.
LOS ANGELES, Los Angeles Co., Cal.
 Fifty-fourth St. bet. South Park Ave. and San Pedro St.
 Brick and steel car repair shop building, 94x440.
 Owner—Los Angeles Railway Co.
 Architect—Engineering Dept. of Railway Co.
 Contractor—Lynch-Cannon Const. Co., Chapman Bldg., Los Angeles.

OAKLAND, Cal.—Representatives of the United States Lighting and Heating Corp., of Niagara Falls, N. Y., manufacturing the "U. S. L." batteries, announced the purchase of a 2-acre site in 95th Ave. bet. Sunnydale Avenue and Hartman St., on which will be erected a plant for the manufacture of automobile and radio storage batteries. In addition to the battery business the company will manufacture electrical lighting devices for railroad cars. C. O. Minger is president and general manager of the company and maintains offices at Niagara Falls.

MERCED, Merced Co., Cal.—Until October 3, 11 a. m., bids will be rec. by W. D. Wagner, sec. Merced Irrigation Dist. to construct warehouse, 60x30 ft., steel frame, corr. iron sides and roof, wood floor, R. C. Starr, ch. eng. for district. See call for bids under official proposal section in this issue.

PORTLAND, Ore.—F. C. Knapp, president of Peninsula Lumber Co., announces his company will within six months commence construction of \$500,000 saw mill at its plant on the Willamette river.

LOS ANGELES, L. A. Co., Cal. The Austin Co. of California, 702 Pacific Electric Bldg., Los Angeles, submitted low bid to the Los Angeles Harbor Commission, Sept. 8, at \$64,200 for constructing transit shed at Berth 190. The bid specified time limit as follows: begin within 30 days, complete in 180 days. Other bids were: Pozzo Const. Co., Inc., \$72,500, begin within 15 days, complete within 95 days; alternate roof sheeting, wood backing for corners, and priming coat for this work, \$14,000 additional. Bromacher Iron Wks., \$85,300, begin within 150 days, complete within 220 days. If harbor eng. pres. \$8 in ch. eng. bid, add \$200.
 Ross Const. Co., \$74,624, begin within 10 days, complete within 165 days. Emil F. Cykler, \$82,900, begin within 10 days, complete within 180 days.

LIVE OAK, Santa Cruz Co., Cal.—R. Porter Smith, Santa Cruz, at approx. \$15,000 awarded contract to construct mining and mixing plant to be erected at Del Mar Station. Building will be 70 by 150 feet, with cement basement, concrete foundation walls. A portion of the structure will be three stories in height and of corrugated iron construction.

FIREHOUSES AND TANKS

Plans Being Figured.
FIRE HOUSE. Cost, \$15,000
VALLEJO, Solano Co., Cal. Sacramento Valley and York Streets.
 Two-story brick fire house.
 Owner—City of Vallejo.
 Architect—Chas. E. Perry, 511 Marin St., Vallejo.

FLATS

Contract Awarded. Cost, \$12,000
PLATS.
SAN FRANCISCO. Fifth Ave. and Lake Street.
 Two-story frame flat building (2 flats).
 Owner—H. M. Hageman.
 Architect—Paul F. De Martini, 310 Broadway, San Francisco.
 Contractor—Darrett & Hill, 918 Harrison St., San Francisco.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO.—Until Sept. 22, 11 a. m., bids will be rec. by U. S. Engineer Office, 240 Montgomery St., under Order No. 3978 SP 10 for tur. and del. 420 vista, Solano county; electrical supplies.

SAN DIEGO, Cal.—Following bids received by Public Work Office, Naval Station, San Diego, Cal., under Specification 4886, for screening five buildings at naval hospital:

W. E. Kier Construction Co., San Diego, Cal., Item 1, \$10,854, 90 days; 2, add \$245.
 Hipolito Screen and Sash Co., Los Angeles, Cal., Item 1, \$10,900, 90 days; 2, add \$2300.
 Joseph M. Kendall Co., San Diego, Cal., Item 1, \$11,812, 85 days.

Miller & Eddleman, San Diego, Cal., Item 1, \$12,200, 90 days; 2, add \$600.

WASHINGTON, D. C.—Tribbitt-Pacific Co., 15 California St., S. F., have been awarded a contract by the Bureau of Yards and Docks, Navy Department, Washington, Specification 4684, for circulating loop for central power plant, navy yard, Mare Island and follows: Item 1, \$104,500, 200 days; 2, 3 and 4, \$69 each, 5, \$25; 6, \$89; 7, \$98; 8, \$28; 9, 60c. (42993) 1st report July 11, 1922; 4th re.

Bureau of Yards and Docks, Navy Department, Washington.—Sealed bids are wanted until Sept. 27 under spec. 4665 for constructing quarters, mess hall, etc., at the naval station, San Diego, Cal. A deposit of \$100 is required for plans and specifications. Address above.

WASHINGTON, D. C.—Until Oct. 3, bids will be received by Bureau of Supplies and Accounts, Navy Department, for tur. and del. eastern and western Navy Yard, 100,500 ft. white ash.

WASHINGTON, D. C.—Until Oct. 3, bids will be received by Bureau of Supplies and Accounts, Navy Department, for tur. and del. Mare Island Navy Yard industrial electric truck.

SAN FRANCISCO.—Until Sept. 21, 11 a. m., bids will be received by U. S. Engineer Office, 240 Montgomery St., under Order 3977 SP10, for tur. and del. misc. hardware and supplies.

SAN FRANCISCO.—Until Sept. 20, 10 a. m., bids will be rec. by Quartermaster Supply Officer, Port Mason, under Circular No. 22-6, for tur. and del. 415 wood shell, tackle blocks; 110 doz. floats; office supplies; 37½ doz. flat paint brushes; 94 gals. white stencil paint; and 1 automatic floor sifting outfit.

HALLS AND SOCIETY BUILDINGS

Plans Being Figured.
DORMITORY BLDG. Cost, \$75,000
LOS ANGELES, Los Angeles Co., Cal.
 No. 325 Boyle Ave.
 Two- and four-story Class C dormitory building, 71x110 (75 ft. x 110 ft. rooms).
 Owner—Hebrew Sheltering & Home for Aged.
 Architect—S. H. Brown, 528 Union League Bldg., Los Angeles.

Figures to be Taken in Ten Days.
ADDITION. Cost, \$100,000
SAN FRANCISCO. N Oak Street W Van Ness Avenue.
 Three-story reinforced concrete addition adjoining present lodge bldg. of Young Men's Institute.
 Architects—Shea & Shea, Chronicle Bldg., San Francisco.

Plans Approved.—Figures to be Called For Shortly.
Y. W. O. A. BLDG. Cost, \$—
FRESNO, Fresno Co., Cal. L and Tenth Streets.
 Factory reinforced concrete Association building.

Owner—Young Women's Christian Association (Miss Maude Wolfe, General Secretary).
 Architect—Miss Julia Morgan, Merchants Exchange Bldg., San Francisco.

On the first floor a modern swimming pool, gymnasium, lobby, reading room, parlors, tea room and other offices are included. The second floor with one men's club rooms, parlors, rest rooms and three suites; one for the girl residents, one for young business girls, and one for business women.

Contracts Awarded. Cost, \$250,000
ADDITION.
SAN FRANCISCO. N Sutter W Mason Streets.

Second- and basement Class A addition to club building.
 Owner—Women's Athletic Club, Fremont, Cal.—Bliss & Paville, Ballboa Bldg., San Francisco.

Inspector in Charge of Const.—A. A. McLean, 120 Market St., San Francisco.
 Mot. Lbrs. Mot. Lbrs. Co., S. F.
 Concrete & Carpentry Work—Mission Concrete Co., Cal. Bldg., S. F.

Plumbing—J. McLeod, 1246 Golden Gate Ave., San Francisco.
 Electric—J. McLeod, 1246 Golden Gate Ave., San Francisco.
 Painting—A. Quindt & Son, 180 Jessup St., San Francisco.

Grassmound Iron—C. J. Hillard Co., San Francisco.
 Sheet Metal—Beldi Cornice Works, 4 Levanos—O'Brien Elevator Co., S. F.
 Glass and Glazing—W. P. Fuller & Co., San Francisco.

The lowest bidder for the electrical work is The Standard Electric Co. Lowest bidder for the roofing is the Atlas Roofing Co.

The marble and plastering have not yet been bid as yet.

Contract Awarded. Cost, \$75,000
GYMNASIUM.
SAN FRANCISCO. Los Angeles Co., Cal.

Three-story reinforced concrete gymnasium annex.
 Owner—Y. W. C. A.

Architect—Miss Julia Morgan, Merchants Exchange Bldg., S. F.
 Contractor—Wm. C. Crowl, Chamber of Commerce Bldg., Pasadena.

Plans Being Prepared.—Contract Awarded.

CLUB. Cost, \$85,000
SAN PEDRO, Los Angeles Co., Cal.
 Three-story Class C club and store building, 110x168.

Owner—Chief Petty Officers Club.
 Architect—De Luxe Bldg. Co., 521 Union League Bldg., Los Angeles.

Plans Being Prepared.—Contract Awarded.

AT THE CLUB. Cost, \$50,000
LOS ANGELES, Cal.
 Two-story concrete and hollow tile athletic club.

Owner—Hollywood Athletic Club.
 Architect—Contractor Milwaukee Bldg. Co., Wright & Callender Bldg., Los Angeles.

YREKA, Siskiyou Co., Cal.—The Masonic Temple Corporation of Yreka has purchased three lots in Miner St. and proposes to erect a new \$60,000 temple; construction to be started in 1923.

YREKA, Siskiyou Co., Cal.—Cost E. Bryan Co. Inc., engineers, Chicago, has prepared plans and will build a 100,000 cu. yd. corner, Spanish mausoleum structure on a 5-acre site at Cherry Ave. and Whittier Blvd., Long Beach, for the Sunnyside Mausoleum Co., 312 American Bldg., Los Angeles.
 The crypts, 100 sarcophagi niches, tower, rest rooms, offices, art glass stained glass, marble inter, bronze tile, plumbing system.

PETALUMA, Sonoma Co., Cal.—Architect Brainerd Jones, 110 Washington St., Petaluma, is preparing plans for a \$20,000 clubhouse to be erected for the Petaluma Golf Club.

HOSPITALS

Revised Plans Awaiting Approval.
HOSPITAL BLDG., Cost, \$100,000.
BARKERSFIELD, Kern Co., California. Group of buildings for Kern County General Hospital.

Owner—County of Kern, F. E. Smith, county clerk.

Architect—Chas. H. Biggar, 1st Natl. Bank Bldg., Bakersfield.

Plans provide for power house; administration building, 45x135 ft., four stories in height with terrace; administration building, these being 34x40 ft. Other structures women's building, service building, cottages, etc. Construction of main buildings will be of brick, terra cotta and Bedford, Indiana stone. Main structure will have tile roof.

Plans Ready for Figures in About Two Months.

HOSPITAL BLDG., Cost \$2,000,000.
LIVERMORE, Alameda Co., Cal. Johnson Ranch, 5 miles from Livermore. Three reinforced concrete and frame hospital buildings.

Owner—U. S. Government.

Architect—Mathew O'Brien, 68 Post St., San Francisco.

Preliminary Plans Being Prepared.

ADDITION, Cost, \$100,000.
OAKLAND, Alameda Co., Cal. Hawthorne and Webster Sts. Class A 20-room addition to hospital. Owner—Merritt Hospital.

Architect—Reed & Corlett, Oakland.

Bank of Savings Bldg., Oakland.

Plans Being Prepared.

HOSPITAL, Cost, \$150,000 to \$200,000.
ALAMEDA, Alameda Co., Cal. San Jose Avenue.

Three-story Class "A" hospital bldg. Owner—Alameda General Hospital Corporation.

Architect—Chas. E. J. Rodgers, Phelan Bldg., San Francisco.

Plans Being Refigured—Bids Close Oct. 9, 1922, 10 A. M.

ADDITION, Cost, \$—.
SAN LEANDRO, Alameda Co., Cal. County Hospital near San Leandro.

Addition and alterations to Isolation Ward. (Frame and shingle construction.)

Owner—Alameda County.

Architect—H. H. Meyers, Kohl Bldg., San Francisco.

OAKLAND, Cal.—Until Oct. 9, 10 a. m., new bids will be received by Geo. E. Gross, county clerk, to construct additions and alter Isolation Ward, etc., at county infirmary. See call for bids under official proposal section in this issue.

REDWOOD CITY, San Mateo Co., Cal.

Following contracts were awarded by the Supervisors in connection with the new Community Hospital, nearing completion at Bercford, W. H. Toepke, Architect.

Linoleum to D. N. & E. Walter Co., San Francisco, \$4833; hardware (furnishing only) to Wilson-Bonner & Co., San Mateo, \$6325; Hardware (installing only) to Larrett & Hill, San Francisco, \$2600.

HOTELS

Plans Being Figured.

HOTEL, Cost, \$180,000.
LOS ANGELES, Los Angeles Co., Cal. Second and Hill Sts.

Four-story Class C hotel (180 rooms). Owner—M. Srere (Capt.), Broadway Central Bldg., Los Angeles.

Architect—Noenberg & Johnson, 401 Los Angeles Railway Bldg., L. A.

Plans Completed.

HOTEL, Cost, \$60,000.
LOS ANGELES, Los Angeles Co., Cal. NE Cambra St. and Union Ave.

Four-story Class A brick hotel building, 60x127.

Owner—Roy Cummings, 310 S-Ardmore Ave., Los Angeles.

Architect—Carl Bolker, Douglas Bldg., Los Angeles.

Proposed Hotel Building.

HOTEL BLDG., Cost, \$500,000.
SAWTELLE, L. A. Co., Cal., Sawtelle Blvd and Military Ave.

Hotel building.

Owner—Town of Sawtelle; W. T. Beane financing by local subscription.

HAYWARD, Alameda Co., Cal.—Fredrick Whitton, 369 Pine St., San Francisco, is conferring with the Hayward Chamber of Commerce and Chas. Hoyer, who proposes to erect a \$250,000 hotel and theatre building in Hayward. From present indications Whitton will be selected to handle construction on the project.

PUBLIC BUILDINGS

Plans Being Figured—Bids Close Oct. 9, 1922, 10 A. M.

COTTER, Cost, \$—.
BARKERSFIELD, Alameda Co., Cal. California School for Deaf and Blind.

General work for Superintendent's cottage.

Owner—State of California.

Architect—Geo. B. McDougall, Forum Bldg., Sacramento.

SACRAMENTO, Calif.—Bids were received by the State Department of Public Works, Division of Architecture on September 11th, for the construction of a two-story and basement Class A printing plant building, 160x160 feet. Plans were prepared by State Architect George B. McDougall and call for a structure of reinforced concrete construction with tile roof and metal sash. All bids were taken under advertisement. The alternate bid is a deduction for omitting architectural terra cotta and plastering.

Davidson & Nielsen, 180 Jessie St., S. F. & Stockton.....\$ 34,800 \$5,600

Henderson & Finnigan, San Francisco.....\$ 10,000

K. E. Parker Co., S. F.....\$ 105,400 6,600

Wm. Murrell, Sacto.....\$ 109,654 5,700

Robert Trost, S. F.....\$ 111,154 6,350

M. C. Anglin, Oakland.....\$ 111,990 7,500

Beck & Kahn, S. F.....\$ 112,305 6,308

McGillivray Constr. Co., Sacramento.....\$ 112,400 5,680

Clinton Constr. Co., S. F.....\$ 112,800 5,000

Betz & Aubrey, Sacto.....\$ 112,900 8,000

West Coast Constr. Co., San Francisco.....\$ 121,883 7,893

Hayes-Oster Co., S. F.....\$ 122,143 7,443

F. A. Holdener, Sacto.....\$ 121,600 5,488

F. L. Hansen, S. F.....\$ 142,440 7,800

DINUBA, Tulare Co., Cal.—Until Sept. 27, 8 P. M., bids will be received by City Manager Hewes, Long Beach City Hall, for completing the interior of the new city hall in Long Beach. Work will include finish cement surface on 4 floors and basement, hollow tile partitions, steam heating, plumbing, painting, wiring, paint, jail cells and concrete elevators. Bids will be taken separately and as a whole. W. Horace Austin, 222 First Nat. Bank Bldg., Long Beach, Architect; \$200,000 available. Chk., 10 per cent.

LONG BEACH, L. A. Co., Cal.—Until 10 a. m., Sept. 22, bids will be received by City Manager Hewes, Long Beach City Hall, for completing the interior of the new city hall in Long Beach. Work will include finish cement surface on 4 floors and basement, hollow tile partitions, steam heating, plumbing, painting, wiring, paint, jail cells and concrete elevators. Bids will be taken separately and as a whole. W. Horace Austin, 222 First Nat. Bank Bldg., Long Beach, Architect; \$200,000 available. Chk., 10 per cent.

SANTA BARBARA, Santa Barbara Co., Cal.—City Council has awarded to Architects Sauter and Lockard, San Marcos Bldg., Santa Barbara, contract by City Council for architectural services in connection with building of proposed city hall. According to the terms of the contract the architects are to prepare preliminary studies, working drawings, specifications, all scale drawings, issue certificates of payment for approval by city, keep accounts, administer business and supervise all work for which they shall be paid \$9000, in three payments. They also agreed to submit drawings for approval by Community Arts Assn. committee and to cooperate with that association's advisory committee.

SAN FRANCISCO—Board of Supervisors has appropriated \$1575 for painting Teller Home Superintendent's cottage, library and kitchen.

RED BLUFF, Tehama Co., Cal.—The following bids were received on Sept. 5 by the Board of Supervisors of Tehama County for finishing the court house. Plans were prepared by Architects, George C. Sellen Co., Mitau Bldg., Sacramento. Bids were taken under advisement.

Gentlemen:

Herewith is the list of bidders and their bids on the furnishings and fittings for the Tehama County Court House.

Marble Work

H. P. Fisher Tile & Marble Co., Stockton.....\$ 3,188

Painting

D. Zelinsky, S. F.....\$ 7,375

A. Quandt & Sons, S. F.....\$ 4,400

Wood Furniture

Rucker Fuller Co., S. F.....\$ 14,985

C. F. Weber Co., S. F.....\$ 15,822

Linoleum, Cork Tile & Linoleum

W. C. Pickett, Red Bluff.....\$ 6,713

Van Fleet & Frear Co., S. F.....\$ 7,452

Metal Furniture, Cases, Etc.

A. Carlisle Co., S. F.....\$ 25,795

Rucker Fuller Desk Co., S. F.....\$ 25,878

Tridway Bros., Stockton.....\$ 27,707

Lighting Fixtures

W. J. Boyd, S. F.....\$ 6,300

Roberts Mig Co., S. F.....\$ 6,575

Thos. Day Co., S. F.....\$ 6,800

Ornamental Iron

Monarch Iron Works, S. F.....\$ 2,940

Combined bid for all work

Mathews Const. Co., Sacto.....\$ 9,000

The above bid including a number of items not bid upon by others, or included in the above list.

RESIDENCES

Contract Awarded.

RESIDENCE, Cost, \$10,000.

FRESNO, Fresno Co., Cal., 1110 North Van Ness Ave.

Frame residence.

Owner—P. Enochian, 2737 McKenzie St., Fresno.

Contractor—R. E. Stump, 317 N Angus

Contractis Awarded.

BUNGALOW, Cost, \$10,000.

RICHMOND, Contra Costa Co., Cal.

Tenth St bet. Roosevelt and Pennsylvania

One-story 9-room frame bungalow.

Owner—P. A. Black.

Architect—E. A. F. Carson, 542 4th St., Richmond.

Contractor—K. J. Henning, 546 43rd St., Richmond.

Plastering to G. P. Ingram.

Electrical Work to Pacific Electric Co.

Plumbing to Spelch.

Sheet Metal Work to Wm. Guitch.

Painting to L. De Gregario.

Roofing to E. C. Gorman.

Concrete Work to S. C. Rogers.

To Be Done by Day's Work.

DWELLING, Cost, \$24,000.

SAN FRANCISCO, W 34th Ave. N Fulton

Eight 1-story and basement frame dwellings.

Owner—Costello Bros., 18 Ney St.

Architect—None. R 12

Contract Awarded.

ALTERATIONS, Cost, \$12,000.

SAN FRANCISCO, No. 1150 Sacramento Street.

Alter and add to two-story residence.

Owner—Wm. Sprule, Premises.

Architect—Bliss & Faville, Balboa Bldg., San Francisco.

Contractor—D. Winiddle, Constr. Co., Crocker Bldg., San Francisco.

Plans Being Prepared—Sub-figures Being Taken.

BUNGALOW, Cost, \$50,000.

OAKLAND, Perry St., near Grand Ave.

Group of 10 bungalows around central court 100x200 and 7 garages.

Owner and Architectural Engineers—McWey & Greenleaf, Albany Bldg., Oakland.

DWELLING, Cost, \$11,800.

OAKLAND, Claremont Ave and Tanglewood

Two-story 9-room dwelling.

Owner—Wm. A. Cowell.

Contractor—C. C. Williams, 1524 Franklin St., Oakland.



Capitola-by-the-Sea, Calif., September 5th, 1922.

Dear Mr. Pratt: Today Mr. Sparling came to our house and gave each of us \$5.00, he said we were the oldest couple married the longest in Capitola. It surprised us as we just gave in our names for fun not thinking that we were the longest married couple in Capitola.

Mr. Reynolds is 82 the 10th of this month and I will be 77 the 25th of next January. We were married Sept. 23, 1866, both came from Wisconsin. He in 1853 and I in 1861. We met in Stockton in September 1864.

We both thank you for your kind donation and we will always remember your kindness. Hope you will come back to our lovely little town some time again in the future.

Sincerely, Mr. and Mrs. J. A. Reynolds.

Mr. and Mrs. J. A. Reynolds,
Capitola-by-the-Sea, Calif.

San Francisco, September 3, 1922.

Dear folks: I have your letter of the 5th and note that Mr. Reynolds will be 82 years old tomorrow, and on behalf of the Committee on Arrangements, I want to congratulate you and wish you more happy birthdays. We are very happy indeed to receive your letter and I am glad to know that you have lived together for 56 years.

Mrs. Pratt and I have lived together 27 years and we are now preparing to celebrate our Golden Wedding, which is our greatest ambition. We celebrated our Silver Wedding two years ago.

I doubt if any prize, out of the \$2000 worth of prizes that we gave away, went to more appreciative persons than you folks. I showed your letter to the entire Committee as well as many members of the Builders' Exchange of San Francisco, and they were all very happy to know that you were both well and enjoying each other's companionship. We hope to come back next year and I promise you that we will again offer a prize for the couple married the greatest number of years and I also hope that you folks will be the winners of the prize.

Again wishing Mr. Reynolds many happy returns of the day and wishing you both much health, wealth and happiness, I am

Very truly yours, CLARENCE F. PRATT, Chairman,
Committee on Arrangements "Builders' Day" Outing.

THIS LETTER from the Reynolds.

IS WORTH all the effort.

THE COMMITTEES.

PUT INTO the "Builders' Day."

WHAT IS nice.

THAT TO make two people.

WHO ARE 82 and 77.

HAVE SOME more sunshine.

IN THE path of life.

TRAVELING 56 years together.

OVER ROUGH and smooth paths.

IS TO be envied.

BY KING, prince or potentate.

IT SEEMS we live.

IN AN age of divorcees.

AND IT is surely refreshing.

TO FIND a sincere, lovable couple.

LIKE MR. and Mrs. Reynolds.

AND CLARENCE Sand Pratt, President.

OF THE Pratt Building Material Co.

DOUGLAS 300—"easy to remember"

CONSIDERS IT a privilege.

TO SERVE on a committee.

THAT CAN give pleasure.

TO TWO remarkable people.

LIKE THE Reynolds.

AND DO you know.

WHOSE \$10.00 they received.

IT WAS N. A. Dickey's.

OF "DICKY Mastertile" fame.

WHO WITH his good wife.

ATTENDED OUR "Builders' Day."

MR. DICKEY is doing.

MORE THAN this.

HE IS running large display ads.

IN THE metropolitan dailies.

ADVERTISING HIS wonderful tile.

AND THE building industry.

THIS HELPS all of us.

IT HELPS sell.

PRATT'S SHARE, clean sand.

FROM PRATTO, Monterey County.

AND MARYSVILLE and Sacramento.

AND FOR the pleasure.

OF KNOWING.

SO MANY remarkable people.

IN THIS wonderful world.

CLARENCE SAND Pratt says.

"I THANK you."



Let's hope that all of us may enjoy 56 years of happy wedded life like Mr. and Mrs. J. A. Reynolds of Capitola-by-the-Sea.

Contract Awarded.

DWELLING Cost, \$1135

MARTINEZ, Contra Costa Co., Cal.

Janitor's dwelling.

Owner—Alhambra Union High School

District.

Architect—A. A. Cantin, 68 Post St., San

Francisco.

Contractor—H. T. Caskey, Martinez, Cal

Contract Awarded.

RESIDENCE Cost, \$19414

HILLSBOROUGH, San Mateo Co., Cal.

Lot 2 and 3 Subd. No. 2, Hillsboro

Heights.

One-story and basement frame and

plaster residence and garage.

Owner—Walter G. & May C. Hyman,

331 Beach St., San Francisco.

Architect—Sam Lightner Hyman, 424

Foxcroft Bldg., San Francisco.

Contractor—Cavanagh Bros., by Thos.

A. Cavanagh, 189 Jessie St., S. F.

and Burlingame.

Plans Being Figured.

RESIDENCE Cost, \$12,000

BECKLEY, NE Russell and Pine Path

Two-story and basement frame stucco

residence (8 rooms and separate

garage).

Owner—Mrs. Sarah Kellar.

Architect—Jas. W. Plachek, 2014 Shat-

luck Ave., Berkeley.

Figures are being taken for a gener-

al contract.

Plans Completed.

RESIDENCE Cost, \$10,000

SAN FRANCISCO, E Twenty-ninth

Ave., 40 N Lake St.

Two-story and basement frame resi-

dence.

Owner—H. Silberman, 2301 Stockton

St., San Francisco.

Architect—S. Helman, 57 Post St., San

Francisco.

SCHOOLS

Plans Being Prepared.

ADDITION Cost, \$10,000

LIVE OAK, Santa Cruz Co., Cal.

Two-room addition to school.

Owner—Live Oak School District.

Architect—Hastin & Hurd, 168 Sutter

St., San Francisco.

Figures to be Taken Shortly.

SCHOOL Cost, \$90,000

CHESLENT CITY, Del Norte Co., Cal.

Reinforced concrete and frame school.

Owner—Del Norte County High School

District.

Architect—W. H. Weeks, 369 Pine St.,

San Francisco.

Plans Being Figured.

SCHOOL Cost, \$50,000

YSELTA, Texas.

Three-story six-room and auditorium

school with stone foundation and

steam heat.

Owner—Ysleta Board of Education.

Architect—Geo. C. Burnett, Herold

Bldg., El Paso, Texas.

Date of Opening Bids Postponed.

SCIENCE BLDG. Cost, \$—

SELMA, Fresno Co., Cal.

Three-story reinforced concrete Science

building, 151x145.

Owner—Selma High School District.

Architect—Norman F. Marsh, 211

Broadway Central Bldg., L. A.

Bids will be opened on October 10,

1922 at 8 P. M., instead of September

25th. See official call for bids under

official proposals.

Preliminary plans Being Prepared.

DEPT. BLDG. Cost, \$90,000

LOS ANGELES, Los Angeles Co., Cal.

Hill St., bet. 11th and 12th St.

Four-story brick store University De-

partment building.

Owner—Southwestern University, J. J.

Schumacher, Mgr., Wilcox Bldg.,

Los Angeles.

Architect—Albert C. Martin, Higgins

Bldg., Los Angeles.

Contract Awarded.

HEATING SYSTEM Cost, \$3650

RAVENSWOOD, San Mateo Co., Cal.

Owner—Ravenswood School District.

Architect—Norman E. Coulter, 46 Kear-

ny St., San Francisco.

Contractor—Knittle-Cashel Co., 224

5th St., San Francisco.

Plans Being Figured—Bids Close Sept. 25, 1922, 2 P. M.
SCHOOL BLDGS. Cost, \$130,000.
COLTON, San Bernardino Co., Cal.
 Brick high school buildings.
 Owner—Colton Union High School District.

Architect—Allison & Allison, 1405 Hilbernia Bldg., Los Angeles.

Bids will be taken on segregated contract basis. Work will include administration building, auditorium building and domestic science building, administration building will be two stories, other buildings one-story, 300 ft. frontage; auditorium to seat 1000, study hall, music rooms and girls' showers; brick construction, ruff brick facing, clay tile roofing, reinforced concrete stairways and corridor floors, steam heating ventilating system.

Plans Being Prepared.
CLARE ELDO, Cost, \$205,000
SAN JOSE, Santa Clara Co., Cal., State Teachers' College, 7th and San Antonio Streets.

Fireproof College buildings (Home Economics bldg., Industrial Training shops, machine shops, etc.).

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Forum Bldg., Sacramento

Contract Awarded.
CONVENT, Cost, \$106,000
ALHAMBRA, Los Angeles Co., Cal.
 Near Alhambra.

Two-story reinforced concrete convent, 120x120.

Owner—Carondelet Sisters, 622 W-18th St., Los Angeles.

Architect—John C. Austin, 1125 Baker-Dietz Bldg., Los Angeles.

Contractor—Glendale Constr. Co., 249 N-Brand Blvd., Los Angeles.

Plans Being Prepared—Figures to Be Taken Shortly.

SCHOOL, Cost, \$800,000
SAN FRANCISCO, Van Ness Ave., bet. Hayes and Fell.

Three-story reinforced concrete and tile school, gymnasium, library and 27 class rooms.

Owner—Board of Education, S. F.

Architect—John Reid, Jr., First Natl. Bank Bldg., San Francisco.

Plans Being Figured—Bids Close Sept. 30, 1922, 2:30 P. M.

SCHOOL, Cost, \$40,000
SARATOGA, Santa Clara Co., Cal.
 One-story six-room and auditorium frame and stucco school.

Owner—Saratoga School District.

Architect—Wyckoff & White, Growers Bldg., San Jose.

Plans Being Figured—Bids Close Sept. 25, 1922, 8 P. M.

SCHOOL, Cost, \$40,000
SANTA ROSA, Sonoma Co., Cal., Lincoln St. and School St.

Reinforced concrete school building.

Owner—Santa Rosa Grammar School District.

Architect—W. H. Weeks, 369 Pine St., San Francisco.

Bids are being taken for a general contract, plumbing, painting, heating, window shades, cork carpet, blackboards and electrical work.

Contract Awarded.

ADDITION, Cost, \$55,447
SAN PEDRO, L. A. 15th St.

Two-story rein. conc addition to school.

Owner—City of Los Angeles, Board of Education.

Architect—F. J. Soper, 1122 Story Bldg., Los Angeles.

Contractor—Wm. G. Reed, 310 Loma Ave., Los Angeles.

Other contracts awarded were:

Plumbing to Arthur Hess at \$2593; heating to L. Z. Brown at \$150; painting to D. Zelinsky & Sons at \$281; and wiring to Prewitt Elec. Co. at \$809.

Brick constr. pls. ext., tile rfg.

CALPELLA, Mendocino Co., Cal.—Until Sept. 22, 5 p. m., bids will be rec.

by F. C. Bull, Clerk, Occidental School District, to construct new elementary school at Calpella, work to be completed in 120 days. Cert. check 10% payable to Board of Trustees of district required. Plans may be had from clerk at Calpella or County Supt. of Schools at Ukiah.

OAKLAND, Alameda Co., Cal.—Bids were opened on Sept. 11, by the Board of Education of the City of Oakland for the construction of a two and three story reinforced concrete and hollow tile school building to be known as the "Theodore Roosevelt High." Plans were prepared by C. W. Dickey, 2119 Broadway, Oakland, school architect. All bids Theodore Roosevelt High School.

General Work

M. C. Vaughn, 357 12th St., \$422,512
 Alt. (1) \$ —, Alt. (2) \$4250

W. G. Thornhill, Oakland, \$119,600
 (1) \$2,000, (2) \$1950

Lange & Jackson, S. F., \$44,698
 (1) \$2150, (2) \$8100

R. W. Lathfield, Oakland, \$53,379
 (1) \$2575, (2) \$1500

F. W. Manroe, Oakland, \$46,000
 (1) \$3000, (2) \$1500

Schuler & McDonald, Oakland, \$17,700
 (1) \$1600, (2) \$1250

Plumbing

H. G. Newman, 522 16th, Okd., \$33,496
 Carl T. Doell, Oakland, \$74,421

A. Feldhammer, Alameda, \$42,469

Scott Co., Oakland, \$41,435

J. B. Cruz, Oakland, \$17,337

Heating and Ventilating

Scott Co., Oakland, \$45,862

Deduct \$3300

W. K. Nottingham, Oakland, \$46,888

Deduct \$3595

H. H. Pickard, 3656 College St., Oakland, \$43,197

Deduct \$2945

Carl T. Doell, Oakland, \$43,992

Deduct \$2935

Electrical Work

Nelap-McKinney Co., 515 18th St., Oakland, \$73,000

Add Alt. 3 \$2817

M. E. Ryan, S. F., \$75,060

Add (3) \$2769

Newberry Elec. Co., S. F., \$71,260

Butte Elec. Mfg. Co., \$75,857

Add (3) \$2560

Roberts Mfg. Co., S. F., \$78,225

Add (3) \$3120

Turner, \$76,320

Add (3) \$1736

Standard Elec. Co., S. F., \$76,555

Add (3) \$2972

File Roof

Gladding McLean & Co., Crocker Bldg., S. F., \$7,740

Painting

J. J. Burdon, 571 9th Richmond, \$17,630

D. Zelinsky & Son, S. F., \$20,000

Add (1) \$1120

R. Zelinsky, S. F., \$20,857

Add (1) 2400

I. R. Kessel, S. F., \$26,000

Add (1) \$5000

Lathing and Plastering

George Dixon, 511 Appar St., Oakland, \$49,943

Deduct Alt. (2) \$5000

A. Knowles, Hall Bldg., S. F., \$50,606

Deduct (2) \$7000

T. Sevier, Oakland, \$68,900

Deduct (2) \$19,000

W. Makin, Oakland, \$51,890

Deduct (2) \$7100

I. Greenback, S. F., \$53,785

Deduct (2) \$4,508

BERKELEY, Alameda Co., Cal.—Until Sept. 19, 4 p. m., bids will be received

by City Planning Board of Education, for wiring and electric fixtures in Burbank school shops. See call for bids under official proposal section in this issue.

ORANGEVILLE, Sacramento Co., Cal.—F. G. Waldman, Fair Oaks at \$6221,

awarded contract to construct school for Oberlin school district. Other bidders: Chas. Petersen, Sacramento \$6795; E. D. Deber, Sacramento, \$6994; Coleman, Jones & Birdsell, Sacramento, \$7767; Kinney & McAbus, Fair Oaks, \$8370; C. A. White, Fair Oaks, \$8300; Harry Brandon, Fair Oaks, \$6849; F. A. Holden, Sacramento, \$7615.

BAKERSFIELD, Kern Co., Cal.—Until Sept. 22, 5 p. m., bids will be rec.

by Royce R. Fitzgald, clerk, Kern County Union High School District, for electric work in General Science Building of Kern County Union High School, Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. See call for bids under official proposal section in this issue.

SAN PEDRO, Los Angeles Co., Cal.—William G. Reed, 310 Loma Ave., Long Beach, was the low bidder on the gen. contr. for new 15th St. school bldg. at San Pedro; F. J. Soper, 1122 Story Bldg., archit. Low bidders on other contracts were: D. Zelinsky & Son on painting at \$2331; L. Z. Brown on heating at \$4150; Prewitt Elec. Co. on wiring at \$809; Arthur Hess was the only bidder on plumbing at \$2593. Two two-story additions, 58x50 ft. and 58x55 ft.; brick construction, stucco ext., clay tile rfg., maple floors.

SAN ANSELMO, Marin Co., Cal.—Bids were received as follows on September 11th by the Board of Trustees of the San Anselmo School District for the construction of a one-story brick school building from plans prepared by Architect W. J. Dwyer, 553 Montgomery Bldg., San Francisco. The contract for the general work was awarded to S. Saywell, 16 Austin St., San Anselmo. The heating was awarded to Knittle-Cashel Co., 221 5th St., San Francisco.

General Contract

S. Saywell, San Anselmo, \$21,230

J. Liebowitz, San Francisco, \$21,346

Wm. H. Dyer, San Francisco, \$24,944

Heating

Knittle-Cashel Co., S. F., \$1294

W. K. Nottingham, Oakland, \$1583

OAKLAND, Cal.—Until Oct. 2, 4:30 p. m., bids will be received by J. W. Edgemoor, sec. Board of Education, for remodeling Col. School building. Bids are desired for general work, including carpentry, sheet metal work, roofing, painting, plastering and electric work. See call for bids under official proposal section in this issue.

RAVENSWOOD, San Mateo Co., Cal.—Bids were received as follows on September 8th by the Board of Trustees of the Ravenswood School District for the installation of a steam heating system; in the addition to said Ravenswood Public School in said District. A contract will be awarded shortly.

Knittle Cashel Co., \$3650

Gilley-Schmidt Co., \$4070

VISALIA, Tulare Co., Cal.—J. F. White, Dimuba, at \$5660 awarded contr.

by Taurusa School District to construct school building. Other bidders: Payne and Spauth, Dimuba (1) \$9000; (2) \$5820.

City Plumbing Co., Visalia, at \$320 awarded contract for plumbing; Chas. Muhs, U. S. Bank Bldg., Visalia, architect.

BENICIA, Solano Co., Cal.—Geo. Johnson, Benicia, at \$3610, submits low bid to Benicia School District to const.

gymnasium building. Other bidders: Geo. Barenchi, 921 Kentucky St., Vallejo, \$5513; Lamb & Lunn, Eureka, \$5478; J. H. Warren, 1032 Carolina St., Vallejo, \$5350; W. O. Kilpatrick, Fairfield, Solano Co., \$5056; W. A. Jones, architect, 403 Alabama St., Vallejo, (13059) 1st report July 25, 1922; 2nd

MERCED, Merced Co., Cal.—Until Sept. 25, 8 P. M., bids will be received

by C. D. Martin, Clerk, Merced Union High School District, to construct a gymnasium building at the high school.

W. E. Bodesen, Engineer, Merced and Wilton J. Wythe, Architect, Central Bank Bldg., Oakland, associate. See call for bids under official proposal section in this issue.

WATSONVILLE, Santa Cruz Co., Cal.—Until Sept. 21, 7:30 p. m., bids will be received by T. S. MacQuiddy, sec. Watsonville Union High School District, for

turnishing and installing a high school dressing room, 5x13x36-in. double tier, in groups of 20; locks to be padlock type. Further information may be had from secretary.

NEVADA CITY, Nevada Co., Cal.—Until Sept. 20, 5 p. m., bids will be rec.

by W. M. Gracy, sec. Board of Education, to install heating system in Washington school; (2) for install lavatories and toilets in Washington school. Cert. check 10% payable to clerk required. Plans may be had from clerk at Nevada City.

Plans Being Figured.
SCHOOL. Cost, \$100,000
MONTEREY. Monterey Co., Cal.
 One-story reinforced conc high school
 (8 rooms and an auditorium).
 Owner—Monterey Union High School
 District.
 Architect—Norman R. Coulter, 46 Kear-
 ny St., San Francisco.

Plans may be obtained from Mr.
 Coulter's office on a deposit of \$10.
 Figures are being taken for a general
 contract with separate bids on the
 heating.

PETALUMA. Sonoma Co., Cal.—Chas.
 Christensen Co., 351 12th St., Oakland,
 awarded contract by General Contract-
 ors Ward & Jones, 184 Jessie St., San
 Francisco, to install Acme self-colling
 partitions in the junior high school
 gymnasium at Petaluma. Brainerd
 Jones, 110 Washington St., Petaluma,
 architect.

PORTLAND. Oregon—Arch. W. C.
 Knighton, Portland, preparing plans
 for proposed \$225,000 Northeast high
 school; to contain 28 rooms. Will be of
 brick and mill construction.

All Bids Rejected—New Bids to Be
 Called For.
AUDITORIUM. Cost, \$50,000
RICHMOND. Contra Costa Co., Cal.
 Roosevelt Junior High School.
 Hollow tile and concrete auditorium.
 Owner—Richmond Board of Education.
 Architect—Jas. T. Narbett, 906 Mac-
 Donald Ave., Richmond.
 Heating Engineer—E. L. & H. Hale,
 58 Sutter St., S. F.

BISHOP. Inyo Co., Cal.—Until 10:30
 a. m., Sept. 22, bids will be received by
 trustees of Bishop union high school for
 314 Peck & Hills folding chairs or
 equal; 52 sets Stafford opera chairs in
 groups of seven; one set of same in
 group of eight; four sets of same in
 groups of four; 23 single opera chairs;
 100 steel lockers.

At the same meeting bids will be
 taken for the purchase of cut stone and
 rough stone left on grounds by wreck-
 ing of old high school building. The
 same to be removed from premises. L.
 A. Hazard, clerk.

LOS ANGELES. L. A. Co., Cal.—H. H.
 Hinds, 351 S. Hoover St., Los Angeles,
 was low bidder at \$20,995, time 75 days,
 for erecting an addition at 2441 addition at
 Selma Ave. school building; Mott M.
 Marston, 535 San Fernando Bldg., Los
 Angeles, architect. Low bidders on
 other contracts were: R. E. Swan, on
 painting at \$745; A. F. Whinery, on
 construction Co., on wiring at \$637;
 Arthur Hess, on plumbing at \$300 and
 on heating at \$726. The bids were: H.
 H. Hinds, \$20,995 in 75 days, \$20,495 in
 90 days, \$19,955 in 105 days, \$19,800
 more than 105 days; R. H. Whinery,
 \$22,688, \$22,888, \$21,888, \$21,688; Gene
 B. Foster, \$23,000, \$22,750, \$22,500, \$22,-
 250; R. C. Kelly \$22,560, \$22,560, \$23,000,
 \$22,500; Glenn O. Winget, \$24,440, Law-
 rence Burch Constr. Co., \$24,500, \$25,500,
 \$23,090, \$22,000; Hubert-Vardall Constr.
 Co., \$26,413, \$26,010, \$25,613, \$25,613;
 Richardson Bldg. & Engineering Co.,
 \$30,400, \$30,100, \$30,000, \$30,000. Paint-
 ing—H. E. Swett, \$795; Alhambra Wall
 Paper & Paint Co., \$795; D. Zelinsky &
 Sons, \$1017; A. Quandt & Son, \$4375;
 Wiring—Amer. Elec. Constr. Co., \$637;
 Previtt Elec. Co., \$689. Plumbing—Ar-
 thur Hess, \$300; W. S. Goodrich, \$357.
 Heating—Arthur Hess, \$726; Frank
 Davidson, \$857; L. Z. Brown, \$1662.

STORES AND OFFICES

Preliminary Plans Being Prepared.
ADDITION. Cost, \$10,000
ELIMHUIST. Alameda Co., Cal.
 One-story brick addition to telephone
 exchange.
 Owner—Pacific Telephone & Telegraph
 Company.
 Engineer—E. V. Cobby, 333 Grant
 Ave., San Francisco.

Plans Being Figured.
RAKELY. Bldg. Cost, \$—
SAN FRANCISCO. SW 23rd and York
 Two-story steel, brick and frame build-
 ing 25x104 store and flat, extension
 to present building.
 Owner—Ferro Bros.
 Architect—C. Pantoni, 550 Montgomery.

September 8, 1922
Contract Awarded. Cost, \$23,000
BURLINGAME. San Mateo Co., Cal.
 One-story reinforced concrete store
 building.
 Owner—J. P. Dritt.
 Architect—Edwards & Kuhn, 833 Mar-
 ket St., San Francisco.
 Contractor—Barrett & Hilt, 918 Harri-
 son St., San Francisco.

Contract Awarded. Cost, \$10,000
STORE BLDG. Alameda Co., Cal. No.
 2479 to 2489 Shattuck Ave.
 One-story concrete store building.
 Owner—Mrs. John Ray.
 Architect—Jas. W. Placcek, 2014 Shat-
 tuck Ave., Berkeley.
 Contractor—J. L. Brennan, 2110 Shat-
 tuck Ave., Berkeley.

Plans Complete. Cost, \$10,000
ADDITION. SAN FRANCISCO, W Grant Ave., 62-6
 S Pine.
 One-story addition to present one-story
 building.
 Owner—R. J. O'Brien.
 Architect—Albert W. Burgren, 110 Sat-
 ter St.

Contract Awarded. Cost, \$1,000,000
ADDITION. LOS ANGELES, Los Angeles Co., Cal.
 Seventh St. and Grand Ave.
 Ten-story brick and terra cotta de-
 partment store addition, 60x330.
 Owner—J. W. Robinson.
 Architect—Dodge & Richards, Brack-
 Shops Bldg., Los Angeles.
 Contractor—Seefeld Engineering Co.,
 Pacific Finance Bldg., Los Angeles.
 The excavating has been awarded to
 C. A. Edwards, City National Bank
 Bldg., Los Angeles.

Contracts Awarded. Cost, Approx \$350,000
OFFICE BLDG. SAN FRANCISCO, N Market W San-
 some adjoining Patrick Bldg. and
 running through to Sutter St.
 Seven-story reinforced concrete office
 building (Building No. 1).
 Owner—Providence Securities Co.
 Architect—Willis Folk & Co., Hobart
 Bldg., San Francisco.

Excavating, Concrete Work and Foundations.—Lawton & Vezev, 351 12th
 St., Oakland, \$97,800.
Carpentry Work.—Lawton & Vezev, 351
 12th St., Oakland, \$24,000.

Term. Cottin-Gladding, McLean & Co.,
 Crocker Bldg., San Francisco,
 \$16,000.

Roofing and Sheet Metal.—Forderer
 Corbice Works, 16th and Potrero
 Ave., San Francisco, \$13,200.

Lathing and Plastering.—A. Knowles,
 Cal Bldg., San Francisco, \$30,400.

Ornamental Iron.—C. J. Hillard Co., 19th
 and Minnesota Sts., San Francisco,
 \$10,000.

Marble and Terrazzo.—P. Grassi & Co.,
 135 Tehama Sts., San Francisco,
 \$25,000.

Glazing.—W. P. Fuller & Co., \$15,500.
Painting.—J. P. Fraser, 329 Hayes St.,
 San Francisco, \$4000.

Electric Wiring.—Watts Electric Co.,
 133 4th St., San Francisco, \$500.

Heating and Ventilating.—J. E. O'Mara,
 \$14,500.

Plumbing.—William F. Wilson Co., 328
 Mason St., San Francisco, \$19,000.

Hardware.—Palace Hardware Co., \$3900
Mail Chutes.—Waterhouse-Wilcox Co.,
 526 Market St., San Francisco, \$995

Leather Mats.—Pacific Leather Mat Co.,
 \$119.
Elevators.—Otis Elevator Co., \$35,000.

Plans Being Prepared.
OFFICE BLDG. Cost, \$—
CHICO. Butte Co., Cal. Third and
 Main Streets.
 Four-story fireproof bank and office
 building with steam heating system
 Owner—First National Bank, Chico.
 Architect—Chester Cole, Waterland-
 Breslau Bldg., Chico.

Bids to Be Called For Shortly on
 Marble, Tile and Plastering Work
 Linoleum Pigs Now Being Taken.
OFFICE BLDG. Cost, \$—
SAN FRANCISCO. SE Main and Market
 Streets.

Five-story Class A office building.
 Owner—Matson Navigation Co.
 Architect—Bliss & Paville, Balboa
 Bldg., San Francisco.
 Engineer in Charge of Constr.—A. A.
 Brown, 120 Market St., San Fran-
 cisco, Motor Drayage Co.
 Mr. Brown will be ready in about
 ten days to take bids on the marble
 and tile work. Later the plastering
 will be figured. Linoleum aids are now
 being taken.

Contract Awarded. Cost, \$150,000
ADDITION. FRESNO, Fresno Co., Cal, Tulare and
 J Streets.
 Three-story and basement brick and
 concrete addition to 8-story office
 and store building now under con-
 struction.
 Owner—W. Patterson.
 Architect and Contractor—R. L. Felchin
 Bank of Italy Bldg., Fresno.

Plans Being Revised—Reinforcing
Steel Contract Awarded.
OFFICE BLDG. Cost, \$50,000
SACRAMENTO. Cal.
 Plans are being re-arranged for two
 more stories, making a fourteen-
 story reinforced concrete office
 building.

Owner—California State Life Ins. Co.
 Architect—Geo. C. Sellen & Co., Miltau
 Bldg., Sacramento.
 Engineer—H. J. Brunner, Sharon Bldg.,
 San Francisco.
 Contractor—Lindgren & Co., Monad-
 nock Bldg., San Francisco.

Reinforcing steel awarded to Columbia
 Steel Co., Balfour Bldg., on tonnage
 basis.

Revised plans will be ready for fig-
 ures by October 15th.

Contractor Taking Sub-figures. Cost,—
OFFICE BLDG. OAKLAND, 1312 Broadway adjoining
 cor. 12th and Broadway.
 Sixteen-story Class A bank and office
 building.
 Owner—Oakland Bank of Savings.
 Architect—Reed & Corlett, Oakland
 Bank of Savings Bldg., Oakland.
 Contractor—P. J. Walker & Co., Monad-
 nock Bldg., San Francisco.

Concrete and Carpentry Work Awarded
ADDITION. Cost, \$100,000
SAN FRANCISCO. SE Bush & Sansome.
 Addition of three stories to present 4-
 story office building and extensive
 alteration to present building.

Owner—Phoenix Fire Ins. Co. and
 Fidelity Phoenix Fire Ins. Co., 433
 California St., S. F.
 Architect—W. Hauselmann, 37 South
 Wabash St., Chicago, Ill.

Contractor—Leonard Constr. Co., 56
 Sansome St., S. F.
 Barrett & Hilt, 918 Harrison St., have
 been awarded the concrete and carpentry
 work. The steel was awarded to
 Bud-Falk, 74 New Montgomery St.

Contract Awarded. Cost, \$27,000
STORE BLDG. SAN FRANCISCO, E Valencia St. bet.
 15th and 16th Sts.

Two-story and basement, and mez. flr.
 reinforced concrete furniture store
 building.
 Owner—Fred C. Struven, 3259 26th St.
 Architect—Monst.

Contractor—Nepers & Bornholdt, 1530
 Broderick St.

LOS ANGELES. L. A. Co., Cal.—G. W.
 Cowan and M. S. Heyberg, Haas Bldg.,
 Los Angeles, and associates, have se-
 cured a 99-year lease on the property
 on Hollywood Blvd. near Cherokee St.,
 and contemplate the erection of a 6-
 story store and office building and a
 class A theatre building, to cost \$500,-
 000. The site is 127x205 ft. The build-
 ing and building Co. has been organized
 to handle the building project.

SAN FRANCISCO.—Architect Mel. I.
 Schwartz, Nevada Bank Bldg., is taking
 figures for the glass in connection with
 the construction of a one-story and
 basement frame and brick market
 building being erected on the south
 side of McAllister street 78 feet east of
 Webster for A. G. and J. Sosniak.

Official Proposals

BIDS WANTED FOR SCHOOL NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received and opened by the Board of Education of the Santa Rosa School District, Sonoma County, State of California, in the present High School Annex building in Santa Rosa, at 9:00 p. m., Sept. 25, 1922, for the erection and completing of a Grammar School Building in the said City of Santa Rosa, State of California, according to plans and specifications prepared for the same by W. H. Weeks, Architect.

Bids will be received on the General Construction together with separate bids on the

Electrical Work,
Plumbing Work,
Painting Work,
Window Shades,
Cork Carpet,
Blackboards,
Heating and Ventilating.

Plans and specifications may be seen at the office of the Architect, W. H. Weeks, 249 Pine Street, San Francisco, California, or at the office of W. H. Weeks, 101 E. Hall, Santa Rosa, California.

All bids must be presented on bid forms furnished by the Architect.

Each bid must be accompanied by a certified check on some responsible California bank in a sum not less than five per cent (5%) of the amount bid, made payable to Mrs. Sara N. Hatch, clerk of the Board of Education of the Santa Rosa School District, for the purposes stated in the specifications.

Each bid must be enclosed in sealed envelope and addressed to Mrs. Sara N. Hatch, Clerk of the Board of Education of the Santa Rosa School District, for the Grammar School Building.

The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned, Clerk of the Board of Education at his office in the present High School Annex in the said City of Santa Rosa, at the time and place of meeting above stated; or anytime up to the hour of opening of said bids.

SARA N. HATCH,
Clerk of the Board of Education of the City of Santa Rosa School District, Santa Rosa, California.
First publication Sept. 1, 1922.

BIDS WANTED FOR SUPERINTENDENT'S COTTAGE

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief Division of Architecture, Forum Building, Sacramento, California, up to and including 10 o'clock A. M., Monday, October 9, 1922, said bids then and there to be publicly opened and read and for furnishing all plant, materials and doing the work required for the complete GENERAL WORK for the SUPERINTENDENT'S COTTAGE, CALIFORNIA, DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE, FOR DEAF & BLIND, Berkeley, California, in accordance with plans and specifications therefor, copies of which may be obtained by application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for the entire Work and must be submitted on forms prepared and furnished by said Division of Architecture.

Each bidder's bid must be accompanied by a certified check payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum of the amount of the bid must be enclosed with each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the said Division of Archi-

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

ture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and to waive any informality in any bid received.

The construction work of said Superintendent's Cottage has been placed on a days' labor basis and on said basis the said General Work, as a sub-division of said construction, is to be let by contract.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for General Work, Superintendent's Cottage, California School of Deaf & Blind, Berkeley, California." STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

Geo. B. McDougall,
State Architect,
A. B. FLETCHER,
Director of Public Works.

NOTICE TO CONTRACTORS

Isolation Ward Alterations and Additions

Office of the Clerk of the Board of Supervisors, Alameda County, Calif.

Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County, at his office, until Monday, October 9, 1922, at 10 o'clock A. M. (the day when said bids will be opened and the contract awarded) for the erection and completion of Additions and Alterations to the Isolation Ward, etc., together with Covered Connecting Walks, at the County Hospital, near San Leandro, Alameda County, California.

Complete plans and specifications for work on file in the office of the County Clerk in the Hall of Records Building in Oakland, where copies may be obtained by depositing twenty-five dollars. Contractors will be restricted as to the length of time these plans may be retained by return said plans and specifications, within said time limit will forfeit their deposit.

Each bid must be accompanied by a certified check for at least ten per cent of the amount of the bid or proposal, certified to by some responsible bank, and made payable to Geo. E. Gross, Clerk of the Board, to be forfeited to

the County of Alameda as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the contract.

The Board reserves the right to reject any or all bids.
GEO. E. GROSS,
Clerk of the Board of Supervisors of the County of Alameda.
Dated September 11, 1922.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned until 1:30 o'clock p. m., Sept. 27, 1922, for constructing a portion of the State Highway System in Butte County, between West Butte County line and Dunlap, work consisting of grading, construction of culverts, and placing gravel surface.

Plans may be examined and form of proposal, contract and specifications secured at office of undersigned; may also be examined at the County Clerk's office in Eureka; may also be examined at the Division Engineer's office in Las Vegas, Elko or Reno, and District Office of the Bureau of Public Roads, Mills Building, San Francisco, California. Cash deposit of Fifteen Dollars (\$15) with the undersigned required for copy of plans which will be refunded on their return in good condition. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such a sum as is required in and in accordance with the provisions of said Specifications, conditioned for the faithful performance of the provisions of the contract and specifications. Right is reserved to reject any and all bids.

Geo. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

ADVERTISEMENTS FOR PROPOSALS

Pumping and Filtration Works, Sacramento, Cal.

(Contract No. 25 Filtration Division)

For Completing the Construction of the Intake Pier, Bridge and Bridge Piers, Intake Conduits, and Appurtenances, for the City of Sacramento, California

Sacramento, California, Sept. 13, 1922. Sealed proposals for completing the construction of the intake pier, bridge and bridge piers, intake conduits, and appurtenances, for the City of Sacramento, California, endorsed, "Proposal for Completing Construction of Intake Pier, Bridge and Bridge Piers, Intake Conduits, and Appurtenances, Filtration Division, City of Sacramento, California, Contract No. 25," addressed to the City Clerk, will be received at the office of the City Clerk, City Hall, Sacramento, California, until 8 p. m., Pacific standard Time on the 19th day of September, 1922, and will be publicly opened and read in the Council Chamber, City Hall, Sacramento, on the 19th day of September, 1922, after 3 p. m.

The work comprises the furnishing of certain materials and the completion of the construction of the intake pier, bridge, bridge pier and bridge abutment, the intake from the 180m intake to pumping station, together with various appurtenances. A certain amount of construction work upon some of these structures has been per-

QUANTITY SURVEYOR

and Valuation Engineer
Buildings and Engineering Works

ARTHUR PRIDDLE

693 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-49-3

formed and intending bidders should carefully examine these structures and acquaint themselves with all existing conditions, including the character and availability of materials at the site of the work originally intended to be incorporated into the structures.

Each proposal must be accompanied by a certified check made payable to the order of the City Controller, City of Sacramento, California, in the sum of ten (10) per cent of the highest sum named in the proposal for any single proposition or for the entire work.

A faithful performance bond, amounting to from fifteen (15) to twenty-five (25) per cent of the contract price, depending upon the amount of the contract, and a mechanic's labor bond amounting to fifty (50) per cent of the contract price will be required of the successful bidder, in accordance with the provisions of the city charter and ordinances and of state law.

Prior to the acceptance of the completed work a defective material and workmanship bond amounting to five (5) per cent of the amount of the contract must be furnished.

The complete contract documents may be examined at the office of the City Clerk, or at the office of the Irrigation Division, or printed copies thereof, including reduced scale drawings only, will be furnished to intending bidders upon request and upon the payment of a deposit of ten dollars (\$10). All deposits for pamphlets will be refunded upon their return. Good conditions, or if necessary used in filling a proposal. Bidders desiring full scale blue prints of the contract drawings may obtain them by purchase at the price of twenty-five cents (\$0.25) each. The city reserves the right to reject any or all proposals and to increase or decrease the amount of any class or portion of the work.

(Signed) H. G. DENTON,
City Clerk.

NOTICE TO CONTRACTORS

(Electric Work)

Sealed bids will be received until 8 P. M., September 22, 1927, by the Board of Trustees of the Kearn County Union High School, Kearn County, California, for furnishing all materials and labor for the erection and completion of the electric work, complete, in the General Education Building, Kearn County Union High School, Lakeside, California.

Plans for said building may be had at the office of Charles H. Biegner, Architect, 405-6 Bank of Italy Bldg., Oakland, California, and the work will be erected under his supervision.

All bids must be accompanied by a certified check in the amount of at least ten per cent (10%) of the amount bid, such check to be made payable to the Kearn County Union High School District, and said check will be held as evidence of good faith that the successful bidder will enter into a contract for the work proposed that will be satisfactory to the Board of Trustees, and in addition thereto furnish good and sufficient bond to the Board.

The Board reserves the right to reject any or all bids and to waive any informality in any bid received.

By order of the Board of Trustees, Kearn County Union High School, Kearn County, California.

ERWIN W. OWEN, President.
BOYCE R. FITZGERALD, Clerk.

NOTICE FOR BIDS FOR PIPELINE—PARADISE IRRIGATION DIST.

Sealed proposals will be received by the Board of Directors of the Paradise Irrigation Dist at their office at Paradise, Butte County, Cal., until 10 o'clock a. m. on Wednesday, the 27th day of October, 1927, at which time the said bids will be opened, for the following work, or any part or parts thereof, to-wit: Replacing of 13,160 feet of main canal with the line pipe pipeline to have a carrying capacity of approximately 40 cubic feet per second when operating under a head of 15 feet) as follows:

(a) Thirteen thousand one hundred sixty feet open ditch to be modified in part and prepared to receive pipeline.

(b) Hauling and distributing of 13,160 feet of pipeline materials.

(c) Thirteen thousand one hundred sixty feet pipe line laid in place.

(d) Control gates and other necessary appurtenances.

Plans and specifications may be seen at the office of said Board and copies may be obtained from L. M. Edwards, superintendent, at two dollars per set.

The right is reserved to reject any and all bids, or to accept the bid or bids which are deemed to be to the best interests of the district.

Successful bidders shall enter into contract and give bond in accordance with law.

By order of the Board of Directors of the Paradise Irrigation District, dated September 5, 1927.

L. M. EDWARDS,
Superintendent.
G. C. BILLIE,
Secretary.

NOTICE TO CONTRACTORS

Merced Irrigation District Warehouse

Public notice is hereby given that sealed proposals for the construction of a warehouse for Merced Irrigation District will be received by the Board of Directors of said district at its office in the Farmers' Building, in the City of Merced, State of California, at any time up to 11 o'clock A. M., on Tuesday, October 3, 1927, which time and place all bids so received will be opened in public by said Board. Therefore said Board will let said work to the lowest responsible bidder, but said Board reserves the right to reject any or all bids and to reserve the right to proceed to construct the work under its own superintendence.

Said warehouse is to be of steel frame, with corrugated iron sides and roof and wood floor. It will be 60 feet long and 30 feet wide and will be located on the south half of lots 15 and 16 in Block 38, in said City of Merced according to the official map of said Block 38 or file in the office of the County Recorder of Merced County, State of California.

Said work is more particularly described and the location of said structure is more definitely fixed in the plans and specifications therefor, which may be seen at office of said Board.

Any bidder to whom a contract for said work or any portion thereof may be awarded must furnish bonds as provided by law, to-wit: a bond in the sum of at least one-half of the contract price, to secure the payment of claims of materialmen, mechanics and laborers employed upon said work, and a bond in the sum of at least 25 per cent of the contract price, as condition for the faithful performance of the contract.

Each bid must be accompanied with cash or a cashier's, or certified check in a bond in the sum of at least one-half of the total amount of the bid, as a guaranty that if the bid is accepted the bidder will, within ten days after acceptance, enter into a contract with the District in the form attached to said specifications and furnish the bonds aforesaid.

All proposals must be on forms which will be furnished by the District at the office of said Board and must be in sealed envelopes addressed to the Board of Directors of Merced Irrigation District.

Filed at Merced, California, September 5, 1927.

By order of said Board of Directors
W. D. WAGNER,
Secretary.

BIDS WANTED FOR SCHOOL

NOTICE TO CONTRACTORS

One-story Frame and Stucco Six-room and Auditorium School. Estimated Cost, \$49,000.

Notice is hereby given that sealed proposals are invited and will be opened by the Board of Trustees of the Saratoga School District of Santa Clara County, California, at 2:30 P. M., on the 22nd day of September, 1927, at the present school building of said school district, in the county of Santa Clara, California, for the erection and completion of a six-room and auditorium school building for the said school district, in accordance with the plans and specifications made for the same by Wyckoff & White, the authorized architects, employed by the board. Proposals will be received on general contract, including everything shown and specified with the exception of plumbing and steam heating, with alternate propositions. Bids will also be received on separate bids for plumbing and steam heating.

Plans and specifications can be seen at the office of the Architects, Wyckoff & White, Growers Bank Building, San Jose, Cal.

A deposit of Twenty (\$20.00) Dollars, cash will be required on all plans secured out as a guaranty of good faith.

All proposals to be made out on blank forms, furnished by the architects, and must be accompanied by a check for not less than five per centum (5%) of the amount of the bid made payable to S. P. Patterson, Clerk of the Board, and certified to by some responsible banking house. The check is to be forfeited in the event that the successful bidder, after having been awarded the contract, fails within ten (10) days to sign the contract and furnish good and sufficient bonds satisfactory to the Trustees, and as required by law.

Bids will be received up to and including September 20, 1927, at 2:30 P. M. and must be addressed to S. P. Patterson, Clerk of the Board of the School District of Saratoga School District, Saratoga, Cal.

The Board reserves the right to reject any and all bids.

By order of the Board of Trustees, dated Sept. 15, 1927.

BENJAMIN V. BAZATA,
Trustee.

HARRY SMITH, Trustee.

SHELDON P. PATTERSON,
Clerk of the Board of Trustees.

NOTICE TO CONTRACTORS

(Coke School Alterations)

Office of the Secretary of the Board of Education of the City of Oakland. Sealed bids will be received by the Board of Education of the City of Oakland, City Hall, Oakland, California, until the 2nd day of October, 1927, at 12:30 P. M., at which time said bids will be opened, for the remodeling of the Coke School Building of the Oakland School District, located on Union and Eleventh Streets, Oakland, California.

Bids will be received for General Work, including Carpentry, Work, Sheet Metal Work, Roofing, Painting, Plastering, Plumbing and Electrical Work.

Plans and specifications for said work are on file at the office of the Architect for the Board of Education, 2119 Broadway, Oakland, California.

On a deposit of Twenty-five (\$25) Dollars said plans and specifications may be had by any prospective bidder. These plans and specifications may be retained for seven (7) days.

If the plans and specifications are not returned to the Architect within the time above specified, or are returned in a mutilated or damaged condition, the deposit will be forfeited and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Architect, under the right to be the bidder, accompanied by a certified check, certified to by some responsible bank or banker, and made payable to J. W. Kacany of the Secretary of the Board of Education to be retained by the said School Districts as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give

A. E. Leitch

Fred Clark

CLARK & LEITCH
ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST. SACRAMENTO

Phone Main 726

bonds required for the faithful performance of the contractor or any bond required by law. The amount of said bonds shall not exceed \$10,000 (ten thousand dollars) for contracts of less than Fifty Thousand Dollars. For contracts of Fifty Thousand Dollars or more, said check shall be at least ten (10) per cent of the contract price. Each bid shall be accompanied by an affidavit executed in a form that can be obtained from the District Engineer, in which the bidder certifies that he is not a resident of the District and that he is not a partner, officer, director, or agent of any contractor who has been employed by the District within the last year.

Bids will be received at the office of said District Engineer, Monday and Tuesday of October, 1922, between the hours of 10 P. M. in the Evening and 12 Second Floor of said City Hall, said office of the District Engineer, and the right to reject any and all bids in any or all items of such bids.

Secretary of the Board of Education of Oakland, California.

NOTICE TO BIDDERS (Cement)

Turlock Irrigation District, and Modesto Irrigation District, Stanislaus and Merced Cos., Cal.

JOINT STORAGE WORKS

Sealed proposals will be received at the office of the District Engineer, Turlock Irrigation District, at Turlock, California, until Friday, Sept. 29, 1922, at ten o'clock a.m. for furnishing and delivering from fifty thousand (50,000) barrels, seventy-five thousand (75,000) barrels, and one hundred thousand (100,000) barrels of Portland cement, to be used for the Pedro dam. The cement must meet the standard specifications for cement adopted by the American Society for Testing Materials and be delivered in a schedule provided by the District. Delivery to be at the rate of about four cars daily during October, November and December, 1922.

The contractor will be let to the lowest bidder and the boards reserve the right to reject any or all bids.

Each proposal must be accompanied by a certified check for five per cent of the amount of the bid payable to the order of the treasurer of the Turlock Irrigation District, for the benefit of said districts as a guaranty that the bidders will, if successful, execute a satisfactory contract and furnish the amount of the sum of not less than twenty-five (25) per cent of the amount of his bid to be subject to the approval of said boards.

The proposals must be marked "Proposals for Joint Storage Works, Don Pedro Storage Project and addressed to Anna Sorensen, Secretary Turlock Irrigation District, Turlock, California.

Bids in pursuance of orders of the Board of Directors of the Turlock Irrigation District and the Modesto Irrigation District, this 8th day of September, 1922.

ANNA SORENSEN,
Sec. Turlock Irrigation Dist.
C. S. ABBOTT
Sec. Modesto Irrigation Dist.

NOTICE TO CONTRACTORS FOR WIRING AND INSTALLATION OF LIGHTING FIXTURES FOR THE BURBANK SCHOOL SHOPS, BER- KELEY, CALIFORNIA.

The Board of Directors of the City of Berkeley and of the Berkeley High School District in the County of Alameda, State of California, invites and the undersigned will receive at his office, 2133 Alston Way, Berkeley, California, up to the hour of 4 o'clock p. m. September 19, 1922, sealed proposals for furnishing the necessary materials, tools and labor for the wiring and installation of lighting fixtures for the Burbank School Shops situated on the city streets between Curtis and Bonar streets, in accordance with plans and specifications on file in the office of the secretary of said Board of Education, 2133 Alston Way, Berkeley, California, from which copies may be obtained.

The successful bidder will be required to furnish a surety bond acceptable to the Board of Education in a sum not less than twenty-five per cent (25%) of the contract price guaranteeing the faithful performance of the contract; also a bond in a sum not less than fifty per cent of the contract price guaranteeing the payment

of all claims for labor employed or materials used in the wiring and installation of lighting fixtures of said Burbank Shops as provided by an Act of the Legislature of the State of California entitled, "An Act to secure the Payment of Claims of Material-men, Mechanics or Laborers Employed by Contractors upon State, Municipal or other Public Work, Approved March 17, 1917, and must carry adequate insurance or give bonds indemnifying the Board of Education against liability for compensation, insurance and safety Act, approved May 14, 1921, satisfactory to said Board of Education.

All bids must be accompanied by a cash deposit or certified check on a responsible bank and payable to the Board of Education for an amount equal to ten per cent (10%) of the amount of the bid.

Bids in which the contract is awarded small for five (5) days after such award fail or neglect to enter into a contract and file the required bonds for the faithful performance of the contract and the furnishing of materials and labor the cash deposit or certified check of said bidder may be declared forfeited to the Board of Education and shall be collected and paid into the General Fund of said Board of Education.

Bids will be opened by said Board of Education on Tuesday, September 19, 1922, at or after the hour of 4:15 o'clock p. m. in the Board of Education rooms, 2133 Alston Way, Berkeley, California.

The Board of Education reserves the right to reject any and all bids or any part of the same.

By order of the Board of Education of the City of Berkeley, County of Alameda, State of California.

CLYDE BLANCHARD,
Secretary of said Board of Education.

MERCED UNION HIGH SCHOOL

NOTICE TO CONTRACTORS (High School Gymnasium)

THE BOARD OF TRUSTEES of the Merced Union High School District, Merced, California, will receive sealed proposals up until eight o'clock p. m. September 19, 1922, at the office of the architect in the High School Building, Merced, California, at which time and place said bids will be opened and read. Each proposal must be accompanied by a cash deposit or certified check on a responsible bank and payable to the order of the Board of Trustees of the proposed new High School Gymnasium in accordance with plans and specifications on file in the office of the architect, W. E. Sedgwick, Engineer, Merced, California, and Wilson J. Wythe, Architect, Oakland, California, as aforesaid.

Each proposal must be accompanied by a cash deposit or certified check or bid-bond for an amount not less than five per cent (5%) of amount of the said proposal, each proposal drawn payable to the order of D. Martin Clark, of the Board, as a guarantee that the bidder will within ten days after being notified of the acceptance of his bid enter into a satisfactory contract and furnish the Board in accordance with plans and specifications on file in the office of the architect, W. E. Sedgwick, Engineer, Merced, California, and Wilson J. Wythe, Architect, Oakland, California, as aforesaid.

All bids must be made in form furnished by the Engineer. Plans and specifications for the above work may be seen at the office of the Engineer, Shafter Building, Merced, California, or at the office of the architect, W. E. Sedgwick, Engineer, Merced, California, and Wilson J. Wythe, Architect, Oakland, California, as aforesaid.

A deposit of Fifteen Dollars (\$15.00) will be required from all contractors submitting plans. Said deposit will be returned to the bidders when plans and specifications are returned in good condition.

The said High School Board reserves the right to reject any bid or bids and to waive any informality in any bid received.

By order of the Board of Trustees Merced Union High School District, Merced, California.

By D. D. MARTIN
Clerk

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on October 9, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Amador County, from Lone Pine and Jackson (111-A)-4-B, about ten and seven-tenths (10 7/10) miles in length, to be surfaced with gravel.

Merced County, through Amador and Livingston (A-M)-1 and 2, about nine-tenths (9/10) mile in length, to be surfaced with asphalt concrete.

Plans may be seen and forms of proposal, bonds, conditions and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Danvers, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding quantities of work to be done.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any and all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WHITEHORE
DEMO MAXFIELD
California Highway Commission
AUSTIN D. FLETCHER,
R. State Highway Engineer,
R. A. MURRAY, Secretary,
Dated Sept. 11, 1922.

BIDS WANTED FOR POST OFFICE

NOTICE TO CONTRACTORS

Treasury Department, Supervising Architects' Office, Washington, D. C. Sept. 1, 1922. Sealed Proposals will be opened in this office at 3 p. m. Sept. 29, 1922, for the construction of the United States Post Office at Eureka, Utah. Drawings and specifications may be obtained from the Custodian of the site at Eureka, Utah, at this office, in the discretion of the Supervising Architect, Jas. A. Westlake, Acting Supervising Architect.

NOTICE TO CONTRACTORS

(Dinuba City Hall)

Notice is hereby given that the Board of Trustees of the City of Dinuba, County of Tulare, State of California, will receive sealed proposals on all material and labor to be used in the construction and completion of a City Hall, located at the corner of Tulare and H Streets in the City of Dinuba, according to the plans and specifications prepared by Edward A. Kimzey, Architect, Fresno, California, at 100 Tulare Street, Dinuba, California.

All bids must be accompanied by a certified check or bid-bond and cash deposit for an amount not less than five per cent of the amount of the bid. Said cash deposit or bid-bond must be received up to and including 5 P. M. of the 27th day of September, 1922. At the present city hall in the City of Dinuba.

The Board reserves the right to reject any and all bids.

All bids to be addressed to Tom Reagan, Clerk, and the Board of Trustees of the City of Dinuba.

Plans and specifications may be secured at the Engineer's Office. Signed, FRIEND & KIMZEY.

BIDS WANTED FOR DESKS

NOTICE TO CONTRACTORS

TRFASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C. Aug. 30, 1922—SEALED PROPOSALS will be opened in this office at 2 P. M., Sept. 25, 1922, for wood desks for Federal Buildings, in accordance with drawings and specifications, copies of which may be had at this office. JAS. A. WETMORE, Acting Supervising Architect.

INVITATION FOR BIDS

(School Machinery)

Notice is hereby given that the Board of Trustees of the Redley Joint Union High School District purposes to purchase additional equipment for the Manual Training Department and will receive bids on the following items:

1. Oliver No. 166 B 12-in. hand planer fitted with automatic and circular safety cylinder with thin high speed knives, bevel fence, rabbeting arm, 3 h. p., 3 phase, 220 volt, 60 cycle motor, direct connected to head. Motor to have p. b. safety switch. Bids on similar equipment will be considered.

2. Also one p. b. safety switch for 220 volt, 5 h. p., 3 phase, 60 cycle motor, to drive 24-in. Fay & Egan planer.

3. One Wallace 16-in. band saw, direct motor drive complete, 110 volt, equipped with all necessary guards. Bids on similar equipment will be considered.

4. Guard for Fay & Egan No. 330 circular saw.

All prices are to be f. o. b. Redley, California. Each bid is to be accompanied by full description and illustration of equipment and a statement of guarantees as to qualities, workmanship and finish. Each bidder is to specify the time required for delivery. Each bidder is to deposit with his bid a certified check for the fulfillment of contract equal to 10% of his highest bid. The Board reserves the right to judge the equipment and to accept or reject all bids, alternate bids, or a combination of bids. Bids will be opened at the High School Monday evening, October 9, 1922, the meeting being called at 8 o'clock.

MARION DENEEN,
Clerk of the Board

SCHOOL BIDS WANTED

NOTICE TO CONTRACTORS

The Board of Trustees, Selma Union High School District hereby invite sealed bids for the furnishing of labor and materials and the erection and completion of a Masonry Science Hall according to plans and specifications

of the District's architect, Norman F. Marsh.

Bids for the several sections of the work will be called for as follows:

- General contract
- Electric contract
- Heating and vent. long contract
- Painting contract
- Program clock contract
- Plumbing contract

Plans and specifications may be obtained from the architect, 231 Broadway Central Building, Los Angeles, California, or from Superintendent of Construction, new Redley Joint Union High School, Redley, California. Bidders will be required to make a deposit of \$50.00 for plans and specifications, which will be refunded on the return of plans or upon award of work. Bids will be opened at the High School, on or before 8 p. m., Monday, September 25th, 1922, and will be opened in public immediately thereafter.

All bids must be accompanied with a certified check or bid bond for five per cent (5%) of amount of bid, made payable to Selma Union High School District as guarantee that if awarded the work, bidder will furnish good and sufficient Security Company bond and enter into contract for execution of work as indicated by above.

All bids must be in the hands of the W. Christensen, Clerk, at the High School, on or before 8 p. m., Monday, September 25th, 1922, and will be opened in public immediately thereafter.

All bids must be made on uniform bid blanks furnished by the architect. The Board of Trustees of the Selma Union High School District reserve the right to reject any or all bids.

Done by order of the Board of Trustees, Selma Union High School District. This the 21st day of August, 1922.

F. A. DODSON, President
Attest:
C. W. CHRISTENSEN, Clerk

BIDS WANTED FOR IRON AND BRONZE WORK FOR STATE BUILDINGS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to and including October 4, 1922, and thereafter to be received on and read for furnished plans and specifications and doing the work as indicated on the complete ORNAMENTAL AND MISCELLANEOUS IRON AND BRONZE WORK, for the SACRAMENTO STATE BUILDING, located at the Old Terminal Building, California, in accordance with plans and specifications, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works.

Forum Building, Sacramento, California.

Bids will be received for Ornamental and Miscellaneous Iron and Bronze Work and may be submitted on prepared and furnished by said Division of Architecture.

A bidder's bond made payable to the State of California or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum of the amount of the bid must be deposited with each bid. The deposit of Twenty-Five (\$25.00) dollars will be required in plans and specifications, the deposit to be returned immediately on the return of plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and to have any informality in any bid corrected.

The construction work of said Sacramento State Buildings has been placed on a days labor basis and on this basis the said Ornamental and Miscellaneous Iron and Bronze Work, will be let by contract.

Bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and placed in the envelope, "Proposal for Ornamental and Miscellaneous Iron and Bronze Work, Sacramento State Buildings, Sacramento, California," of the DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

Geo. B. McDUGALL,
State Architect.
A. B. FLETCHER,
Director of Public Works.

BIDS WANTED FOR OFFICERS' AND EMPLOYEES' QUARTERS

NOTICE TO CONTRACTORS

THE TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C. August 23, 1922—SEALED PROPOSALS will be opened in this office at 2 P. M., September 27, 1922, for construction of Officers' and Employees' quarters for the United States Veterans Hospital at Fort Eavard, N. M. Plans and specifications may be obtained at this office in the discretion of the Supervising Architect. Proposals will be considered only from individuals, firms or corporations possessing satisfactory financial and technical character, equipment and organization to insure speedy completion of the contract and who have established a record for expedition on contracts of similar character and magnitude. The contractor who obtains a set of plans and specifications from any source whatever and submits a bid without constitute a waiver of the general stipulations. JAS. A. WETMORE, Acting Supervising Architect.

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BRIDGES, DAMS & HARBOR WORK

PRESCOTT, Ariz.—H. J. Mann submitted low bid to state highway dept. for constructing (1) the Chino Wash and (2) Willow Creek bridges on the Prescott-Ash Fork Federal aid highway. L. C. Lashmet was low bidder on (3) the Verde bridge. The bids were: H. J. Mann (1) \$10,883, (2) \$7195, (3) \$12,424; Rogers & Stewart (1) \$11,111, (2) \$8798, (3) \$12,883; Winsor, Coleman & King (1) \$11,776, (2) \$7274, (3) \$11,985; A. H. Daniels (1) —, (2) \$10,998, (3) \$14,058; L. C. Lashmet (1) —, (2) \$7667, (3) \$11,643; Golden (1) \$13,086, (2) —, (3) —; S. B. Shumway (1) \$12,773, (2) \$8758, (3) \$13,974.

SANTA ANA, Cal.—Until 5 p. m., Sept. 18, bids will be received by city trustees to const. breakwater to provide north approach of bridge on N Flower St., spanning San Joaquin Creek. E. L. Vegeley, city clerk.

YUBA CITY, Sutter Co., Cal.—E. H. Martin, Syndicate Bldg., Oakland, at approx. \$25,000 awarded contract by supervisors to const. five 40-ft. rein. conc. bridges in various sections of the county.

SAN DIEGO, Cal.—City Council has requested Consulting Engr. J. E. Lipincott, Los Angeles, to provide city with his written opinion regarding the need for enlarging of the spillways of Morena Dam. The work has been recommended by City Hydraulic Engr. H. N. Savage, but his suggestions and recommendations were not accepted by the council which has asked for an outside opinion. It is claimed serious damage will result from high water unless the present dam is enlarged.

CALIFORNIA—W. L. Proctor, Spring St., Santa Rosa, at \$10,980, awarded contract by State Highway Comm., to const. rein. conc. bridge in Mendocino county across East branch of Russian river about 6 miles north of Ukiah.

REDDING, Shasta Co., Cal.—F. H. Neilson, Orland, at \$33656 awarded contract by supervisors to const. rein. concrete bridge over all river near Glenburn; will be 300 ft. long resting on 58 conc. piles, each 40 ft. long and 16 in. square.

Contract for conc. bridge over Dry creek on Cottonwood-Gas Point Road awarded to S. Severntson, Anderson, Cal. at \$4290. Other bids: C. E. McCartney, Red Bluff, \$4274; Thompson, Miller & Thompson, Orland, \$4890; Wm. Stephens Redding, \$5310; C. W. Smith, Cottonwood, \$4800.

Wm. Stephens, Redding, at \$1777 awarded contract to const. conc. bridge over Little Cow creek at Bell School, S. Severntson, \$1885; Chas. Southerland, \$1975.

S. Severntson awarded contract at \$1190 to construct wood bridge, 146 ft. long over Flat creek. Chas. Southerland bid \$1625.

SAN ANDREAS, Calaveras Co., Cal.—Until Oct. 2, 3 p. m., bids will be rec. by A. W. Fox, county clerk, to const. rein. conc. bridge over creek running through H. Rives ranch on road leading from Valley Springs to Bellota and construct cattle runway on Rives place; also for const. reinforced bridge between town of Milton and so-called Piper place. Cert. check 10%, payable to county req. Deposit of \$5 req. for plans. W. S. Coulter, county surv.

EUREKA, Humboldt Co., Cal.—Following bids received by supervisors for bridge construction:

Wood truss bridge on Three Cabins road, Smith Bros., \$1699; D. C. Farnell, \$2080; Sam Ralston, Blue Lake, Cal., \$1635 (awarded contract).

Wood truss bridge over Cuneo creek on Myerville-Mattole Road, Turner and Danielson, Dyer ville, Cal. \$1750 (awarded contract); Smith Bros., \$2540.

Rein. conc. bridge at foot of grade between Hydeseville and Carlotta on Hydeseville-Bridgeville road: Smith Bros., \$1631; G. H. Gildersleeve, \$2040.

Rein. conc. over Roiner creek, near Fortuna, Smith Bros., \$4230; G. H. Gildersleeve, \$4300.

PHOENIX, Ariz.—Until 2:30 p. m., Sept. 30, bids will be received by State Engineer, Phoenix, to construct Patagonia bridge across the Santa river, Santa Cruz County. Work will consist of 800 cu. yds. excav. unclass., 222 cu. yds. A. concr., and 19,900 lbs. rein. steel. Steel superstructure in place, complete.

NAPA, Napa Co., Cal.—Frank Bryant, San Francisco, at \$5386 awarded contract by supervisors to extend two bridges and construct 1 new bridge in Coombsville district. Other bidders: Frank Gaggero, \$5553; G. H. Chick, \$7844; G. L. Lisher, \$5552; Harry Thorsen, \$6516; Simon Lenz and Son, \$5544.

Bryant awarded contract at \$6407 to construct rein. conc. bridges on Silverado Trail. Other bids: Frank Gaggero, \$6573; G. H. Chick, \$7424; Harry Thorsen, \$7552; Simon Lenz & Son, \$6515.

MODESTO, Stanislaus Co., Cal.—Until Oct. 10, bids will be received by supervisors to construct 16 rein. conc. bridges in various sections of the county. One in Rd. Dist. 1; 8 in Dist. 2; 4 in Dist. 3 and 3 in Dist. 4. J. H. Hoskins county surv.

ORLAND, Glenn Co., Cal.—John Berlinger, Orland, at \$2540 awarded contract by supervisors to construct rein. conc. "Mudrock Bridge" over Hambricht creek, 4 miles northwest of Orland. Other bidders: G. H. Chick, Napa, \$8850; Miller & Thompson, \$3540; Gay and Teal, \$2950; last two bidders of Orland.

SANTA ROSA, Sonoma Co., Cal.—W. L. Proctor, 1600 Spring St., Santa Rosa, at \$4500 awarded contract by supervisors to construct rein. conc. bridge on Healdsburg-Napa highway involving 226 cu. yds. Class A and 94.19 cu. yds. Class B rein. conc.; 160 cu. yds. excavation for bridge and backfill; 1310 cu. yds. excavation approach and fills.

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SACRAMENTO, Cal.—The following bids were received on Sept. 11 by the California Highway Commission for constructing a bridge as follows:

Lassen County, across Susan River, nr. Fredonia (II-Las-29-B), a reinforced concrete bridge having a main arch span of 100 feet, and four 15-foot girder spans with the necessary abutments, piers and retaining walls; also the construction of a railroad abutment.

Rocca & Caletti, San Rafael, \$25,225
C. H. Gildersleeve, S. F., \$7,220
Engineer's estimate \$30,537.50

MADEIRA, Madera Co., Cal.—Until October 3, 2 p. m., bids will be rec. by L. W. Cooper, county clerk, to const. bridge over Chowchilla river. Certified check 10%, payable to clerk required. J. O. Rue, county surv.

ANAHEIM, Cal.—Prendergast Constr. Co., 1321 Washington Bldg., Los Angeles, awarded contract to construct Pratt Dam No. 2 at canal intake, Santa Ana river, for Anaheim Union Water Co. Company will furnish materials. Dam will be L-shaped, one section 216 ft. long and the other 136 ft.; 6x6-in. wire mesh will be welded on 60-lb. steel rails 30 ft. long used for piles. There will also be lumber and rip-rap work.

PRESCOTT, Arizona.—J. H. Mann awarded contract by state highway department to construct Chino wash bridge at \$10,883 and Willow creek bridge at \$7195. L. C. Lashmet was awarded contract for the Verde bridge at \$11,643. The bridges are part of the Prescott-Ash Fork highway.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 3, 10 a. m., bids will be rec. by E. D. Graham, county clerk, to imp. and const. to be known as the Ross lateral. Spec. may be had from clerk on deposit of \$5. Warren Burch, county surv., Lowe Bldg., San Luis Obispo.

SAN LUIS OBISPO, Cal.—Until Sept. 18, 10 a. m., bids will be rec. by F. J. Rodriguez, county clerk, to construct rein. conc. bridge over Cholame Creek at Station 604, 145 ft. Cholame lateral. Spec. may be had from clerk on deposit of \$5. Warren Burch, county surv., Lowe Bldg., San Luis Obispo.

LOS ANGELES, Cal.—Until 11 a. m., Oct. 5, bids will be received by U. S. Engr. 725 Central Bldg., for dredging at Los Angeles Harbor, just east of entrance channel. Work involves 700,000 cu. yds. material to be removed, allowing 28,000 cu. yds. over depth dredging.

PORTLAND, Ore.—Proposals for the construction of a new bridge to replace the present Burnside bridge and a viaduct to be known as the Ross Island bridge, south of Hawthorne Ave., will be submitted to the voters at the November election. This was decided at a recent conference between city and county officials. Burnside bridge will cost \$3,000,000, and the Ross Island structure \$1,600,000.

REDWOOD CITY, San Mateo Co., Cal.—Until Oct. 5, 10 a. m., bids will be rec. by Eliza M. Nash, county clerk, to const. protection levee on county road leading from South San Francisco to San Bruno 1st Township. Plans on file in office of clerk. Geo. Kneese, county surv.

LOS ANGELES, Cal.—United Commercial Co., at 19.75c, awarded contract by supervisors to furnish 10,000 or more untreated piles. Other bids: J. H. Baxter & Co., 20c lin. ft.; Pacific C. & C. Co., 20c; McLeod Lumber Co., 20c and 21.5c; H. A. Browning, 20.25c; McCormick, 25c and 26.5c. Bids were referred to the engineer.

IRRIGATION PROJECTS

TURLOCK, Stanislaus Co., Cal.—Until Sept. 29, 10 a. m. bids will be rec. by Directors of Modesto and Turlock Irrigation District at Turlock for fur. and del. from 50,000 to 75,000 bids Portland cement, 1 c. b. 5000. See call for bids under official proposal section in this issue.

MERCED, Merced Co., Cal.—Directors of Merced Irrigation District order sale of \$1,800,000 in bonds to finance maintenance of canals in district.

PARADISE, Butte Co., Cal.—Until Oct. 3, 10 a. m. bids will be received by G. C. Billie, sec. Paradise Irrigation District for replacing 13,160 ft. of main canal with pipe line. Plans may be had from L. M. Edwards, supt. of dist. See call for bids under official proposal section in this issue.

MONTEREY PARK, Cal.—Van Dorsten & Paul, Los Angeles, awarded contract by city trustees at \$2.85 per ton for hauling 1112 tons pipe and fittings from San Pedro to ditch side for water system at Monterey Park.

TERRA BELLA, Tulare Co., Cal.—Until 10 a. m., Oct. 3, bids will be rec. by Deer Creek Ditch Co., Terra Bella, for 35,000 cu. yds. loose sand to be removed from ditch 3 miles long. Irving H. Althouse, Terra Bella, engr.

LIGHTING SYSTEMS

BURLINGAME, San Mateo Co., Cal.—Until Oct. 2, 8 p. m. bids will be rec. by J. R. Murphy, city clerk, to install cast iron electroliters in Howard and Highland Aves., San Mateo Drive, Middlefield road and West Lane. Imp. Act 1911 C. A. Torello, city engr.

DINUBA, Tulare Co., Cal.—Oshorn Electric Co., Turlock, at \$63,524.50, awarded contract by City Council to const. electroliters system. Unit bids follow: 1/2-in. conduit, in place, \$.36; Duplex lead-covered cable No. 8, in place, \$.19; electroliters in place, \$.75 each; open air conduit adaptors, in place, \$.22 each; Mazda lamps 400 c. p., in place, \$.35 each; Mazda lamps, 250 c. p., in place, \$.25 each. Other bidders: H. C. Reid, \$65,150; Globe Electric Works, \$71,000; Robinson Electric Co., \$66,000; E. E. Newberry Electric Co., \$66,173; Valley Electric Supply Co., \$64,200.

MACHINERY

LOS ANGELES, Cal.—Until 3 p. m., Sept. 12, bids will be rec. by public service comm., 208 S. Bldy., for furnishing steam shovel repairs. Spec. 621-A.

Until 3 p. m., Sept. 12, bids will be rec. for mailing system in Public Service Bldg., Joint Adv. No. 20.

Until 3 p. m., Sept. 12, bids will be rec. for cast iron metre covers. Spec. 621.

Until 3 p. m., Sept. 19, bids will be rec. for bronze water metre connections. Spec. No. 621.

Until 3 p. m., Sept. 19, bids will be rec. for 33,000 volt oil switches. Spec. P-276.

Until 3 p. m., Sept. 29, bids will be rec. for 35,000 volt cable. Spec. P-276. Jas. P. Vroman, sec.

SAN LUIS OBISPO, Cal.—Union Oil Co. will start work at once on 750,000 bbl. oil reservoir at Tank Farm to cost \$165,000. Wm. Groundwater, supt.

MERCED, Merced Co., Cal.—Until 11 a. m., Oct. 3, bids will be rec. by directors of Merced Irrigation Dist. for two elec. motors with direct motor control equip. for Booster Plant No. 1, of the Lake Yosemite-Le Grand canal of the said dist. Spec. may be obtained from office of the board, Merced, upon payment of \$5. Cert. chk. or bond, 5% W. D. Wagner, sec.

REEDLEY, Fresno Co., Cal.—Until Sept. 8, 8 a. m. bids will be received by Marion Deenen, clerk, Reedley Joint Union High School District for fur. and install manual training machinery. See call for bids under official proposal section in this issue.

PORTLAND, Ore.—City Purchasing Agent will ask bids for fur. and del. one 2-ton tractor for use of Bureau of Parks.

PASADENA, Cal.—Until 11:30 a. m., Sept. 25, bids will be received by City Clerk Bessie Chamberlain for one gas or steam shovel of not less than 3-cu. yd. nor more than 1-yd. capacity. Cert. chk. 10 per cent.

TURLOCK, Stanislaus Co., Cal.—General Electric Co., Rialto Bldg., San Francisco, at \$13,550 awarded contract by Turlock Irrigation Dist. for fur. four 1000 KVA electrical transformers.

VALLEJO, Solano Co., Cal.—Until Sept. 25, bids will be received by Alf E. Edgecumbe, city clerk, for fur. and del. street sweeper; funds for which have been provided in the new budget. T. D. Kilkenny, city engr.

PASADENA, Cal.—Until 11:30 a. m., Sept. 18, bids will be rec. by city clerk, Bessie Chamberlain, for 3000 ft. 4-in. 6000 ft. 6-in. 13,200 ft. 8-in. and 600 ft. 12-in. C. I. water pipe, with fittings, also 4800 ft. 8-in. and 2400 ft. 12-in. C. I. water pipe under item 2. Cert. chk. 10 per cent.

SOUTH PASADENA, Cal.—Until 5 p. m., Sept. 25, bids will be rec. by city clerk for 4000 ft. 4-in., 3500 ft. 4-in., 1000 ft. 4-in., 335 ft. 8-in., 1650 ft. 10-in. cast iron water pipe, with tees, etc. Cert. chk. 10%. R. V. Orbison, city mgr.

AJO, Ariz.—Wisconsin Bridge & Iron Co., Milwaukee, Wis., has been awarded the contract for erecting a new concentration plant at Ajo, Ariz., for New Cornelia Mining Co.; Kenyon Burch, Jr. Orpheum Bldg., consulting engr. Steel frame constr., concr. founds, corr. iron exte. and rfg. ore crushers, conveyors, concentrating equipment, etc.; \$4,000,000.

RAILROADS

SAN FRANCISCO—Board of Public Works awarded contract for fur. and del. 20 street cars for Municipal Railway system, as follows:

Street Car Bodies to Bethlehem Shipbuilding Co., San Francisco, \$152,520.

Air Brake Equipment to Westinghouse Traction Air Brake Co., at \$11,008.

Motor equipment to Westinghouse Elec. & Mfg. Co., at \$19,777.34.

No action taken on bids for trucks.

SAN FRANCISCO—Standard Motor Truck Co., 1120 Frick Bldg., Pittsburg, Pa., at \$28,551.48 awarded contract by Board of Public Works to fur. 20 street car trucks for Municipal Railway. Diversified f. o. b. works, Newcastle, Pa.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

MARTINEZ, Contra Costa Co., Cal.—James T. Sayles, Martinez, at \$22,088 awarded contract by city trustees to improve portions of Green, Ward, Berkeley, Talbair Sts., etc., involving 65,000 sq. ft. grading; 3844 lin. ft. concrete curb; 7876 sq. ft. concrete gutter; 55,200 sq. ft. asphalt concrete base with 1 1/2 inch Warrenton surface; 1300 lin. ft. 6-in. and 726 lin. ft. 4-in. vit. sewer; 33 wye branches, 6x1-in. 2 brick and concrete manholes; 6 lampholes. Federal Const. Co., Call Bldg., San Francisco, bid \$25,809.

HANFORD, Kings Co., Cal.—Superintendents petitioned to pave 1 mile of road bet. sw corner of Lemoore city limits and Coalinga paved highway. Twenty feet wide pavement is sought.

SAN FRANCISCO—Until Sept. 15, 10:30 a. m. bids will be rec. by Board of Public Works to improve Colma, wood St., bet. 20th and 22nd; 21st St., Castro and Diamond; 22nd bet. Castro and Diamond, etc., involv. 23,500 cu. yds. cut; 4274 cu. yds. fill; 825 lin. ft. 12-in. and 1000 lin. ft. 8-in. vit. sewer; 250 lin. ft. 6-in. vit. pipe sewers; 110 lin. ft. 10-in. vit. pipe culvert; 48 wyes for 8-in. and 44 wyes for 12-in. sewer; 17 brick manholes; 1 lamphole; 2 Br. storm water inlets; 3 Br. catch-basins, and 911 lin. ft. galy. iron pipe sailings.

FRESNO, Siskiyou Co., Cal.—Geo. A. Milne, Port Costa, at \$4779 awarded contract by supervisors to const. Hershig to Oregon line road, No. 285, Klamath Road Dist. Sidney Richardson, Montague, Cal., bid \$5795.

ALTUR, Placer Co., Cal.—M. C. Hubbard, Marysville, awarded contract by city trustees to pave with 5-in. conc. High St., bet. Lewis and Agard Sts., pavement, 23 1/2 sq. ft.; conc. curb and gutter, 1105 lin. ft. M. J. Bonanza, Altur, only other bid at 25c pavement; 1.25 lin. ft. curb and gutter.

DELANO, Kern Co., Cal.—Until September 19, 8 p. m. bids will be received by W. E. Reid, city clerk, to const. sanitary and storm sewerage system. J. S. Bates, engineer, Rowell Building, Fresno.

FRESNO, Fresno Co., Cal.—California Const. Co., Mattei Bldg., Fresno, at approx. \$81,000, awarded contract by supervisors to const. Rt. 20, Sec. A, county highway system, involv. 6745 yds. unclassified earthwork; 368,418 ft. asph. conc. pavement.

STOCKTON, San Joaquin Co., Cal.—Clark and Henry Const. Co., 38 S. Sutter St., Stockton, at \$19,409, submits low bid to council to improve portions of Argonaut, Pershing Ave., etc., involv. 11,264 cu. yds. cut; 9,484 cu. yds. fill; 23,900 ft. conc. curb and gutter; 134,155 ft. conc. walks; 448,081 ft. 3-in. macadam surface on 2-in. asph. conc. base. Blume-Kranz and Vernon submitted only other bid at \$153,296. Taken under advisement.

SANTA BARBARA, Cal.—City Council declares intention to improve:

Sutton Ave., bet. San Pascual and Andreas Sts., by grading; const. combined cem. concr. gutter and curb, concr. driveways. 1911 Act. Also

Valerio St., bet. Bath and Catskill Sts., by changing grade, and Valerio St., bet. Gordon and Santa Barbara Sts., by grading and paving with 6-in. cem. concr.; const. curbs, gutters, 6-in. mains, manholes. 1911 Act. Also

Sola St., bet. Chino and Gillespie Sts., by grading; const. combined cem. concr. gutter and curb, concr. driveways. 1911 Act.

FRESNO, Fresno Co., Cal.—Federal Const. Co., Call Bldg., San Francisco, at \$104,233, submits low bid to city Council to imp. N St., bet. Stanislaus and Butler and Butler bet. N and O Sts., involv. 322,910 ft. grading; 300,200 ft. asph. pavement; 21,785 ft. conc. gutter; 11,358 ft. conc. curb; 515 ft. 12-in. and 395 ft. 18-in. corr. culvert; 12 manholes; 5814 ft. conc. walks.

Call. Rd. and St. Imp. Co., Bank of Italy Bldg., Fresno, at \$40,054 low bid to improve portions of Harris Ave., bet. Belmont and Hedges, involv. 131,631 ft. grading; 119,823 ft. asph. paving; 11,336 ft. conc. gutter; 517 ft. concrete curb; 257 ft. 12-in. and 186 ft. 18-in. corr. culvert; 18 manholes; 22 ft. 4-in. vit. pipe sewer. Taken under advisement. Wm. Stranahan, city engr.

SANTA BARBARA, Cal.—Supervisors have ordered County Surveyor Owen O'Neil to make rough survey for a proposed road extending from the highway at Nojoqui Hill through the Elsbet canyon to the Solvang and through Santa Ynez and Los Olivos to Zaca Station. The proposed road would be 1 1/2 miles long and would cost about \$400,000. The survey will take about one month and cost \$1000. Greater part of the residents of the sections involved are in favor of the road.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, declares intention to improve Orchard St., bet. Grant and Willow; regrading, paving with 2-in. "Durite" asphalt, conc. surface with 4-in. "Durite" asphalt, conc. base, conc. curbs, gutters and walks; 2 br. catchbasins; 8-in. vit. pipe sewer connections. Bond Act 1915. W. Popp, city engineer.

SAN JOSE, Santa Clara Co., Cal.—A. J. Ralsch, care Builders' Exchange, San Jose, awarded contr. by council to improve 10th St., between Santa Clara and Julian; grading, 3-in. asphalt, conc. base, with 1 1/2-in. asphalt, conc. surface; 24 ft. catchbasins, \$75 each; 8-in. vit. pipe drains \$1.25 lin. ft.

TRACY, San Joaquin Co., Cal. City Eng. W. D. Harrington preparing spec. for roadways and sewers in and about the new Community hospital.

CLAREMONT, Los Angeles Co., Cal. City trustees will meet Sept. 21 to select an engineer to make survey of proposed sewer disposal system. It is planned to connect the system with the projected Pomona outfall.

REDWOOD CITY, San Mateo Co., Cal.—County Surveyor G. A. Kunkle preparing spec. for roadways and sewers in and about the new Community hospital.

MARTINEZ, Contra Costa Co., Cal.—Until Sept. 25, 8 p. m., bids will be rec'd. by City Engineer, city clerk, to improve portion of Escobar St., by grading, paving with asphalt, conc. base with Warrenite-Bit surface; conc. curbs and gutters; brick and conc. catchbasins; 8-in. vit. sewers, branch and main sewers; br. and conc. manholes, etc. Act 1911 and Bond Act 1915. B. H. Greene, city eng.

SACRAMENTO, Cal.—No bids rec'd. by City Commissioners to const. intake conduits on filtration plant project. The Mathews Construction Co., Sacramento, submitted a letter stating it would be willing to do the work on "a sort of unit price basis, but no definite statement of cost or other relative matter was offered. What action will be taken regarding the project is not definitely known at this time. Geo. J. Calder is resident eng. for the project.

THE DALLES, Ore.—Stevens and Koon, consulting engineers, Spalding Bldg., Portland, commissioned by City Water Commission to prepare spec. for improvement of sewer system, est. cost, \$250,000. Will consist of storage and distributing reservoirs, new gravity pipe line and extensions and improvements to distributing system.

TRACY, San Joaquin Co., Cal.—Until Oct. 5, bids will be received by city trustees for paving in the West Park District; est. cost, \$60,000. W. D. Harrington, city engineer.

BAKERSFIELD, Kern Co., Cal.—City Engineer W. D. Karkner completes spec. to improve Oak St., with 4-in. asphalt, conc. base with 1 1/2-in. Warrenite-Bit surface.

VALLERJO, Solano Co., Cal.—City Engineer T. D. Kilkenny completing spec. to improve W. Main St., between Main and Pennsylvania.

MONTREY PARK, Cal.—So. Cal. Elec. Co., 625 S. Main St., Los Angeles, submitted low bid to city trustees at \$18,344.04 to const. water distributing system, est. cost, \$200,000. The water to be furnished by city. Approx. quantities are: 28,629 ft. 4-in., 14,356 ft. 6-in., 6,112 ft. 8-in., 11,660 ft. 10-in., and 15,27 ft. 12-in. pipe; 58 gate valves, 129 fire hydrants, and several connections to existing mains. Olmsted & Gillette, consulting engs., Hollingsworth Bldg., Los Angeles. Other bids were: H. D. Churchill, \$19,960; Heuser-Packard & Co., \$18,849; Ralph Ware, \$21,524; Michael Murphy, \$21,522.02; Geo. Mitchell, \$22,681.11; Borwick-Stanley Co., \$26,110.51; E. P. Ferry, \$27,397.62; Thos. Haverly Co., \$28,034.81; Chas. Frisbie, \$35,655. Bids were taken under advertisement Sept. 18. Olmsted & Gillette, consulting engs., Hollingsworth Bldg., Los Angeles.

NAPA, Napa Co., Cal.—A. Kempkey, Hobart Bldg., San Francisco, has been retained by the City Council as consultant for the development and construction of the municipal water system. Kempkey will receive 5 per cent of the actual cost of construction. The city will take over the Napa City Water Company's holdings for \$240,000 and will expend \$300,000 to construct a dam and reservoir in Milliken canyon. H. A. Harrold is city eng.

OLYMPIA, Wash.—Following contract awarded by State Highway Commission:

Grading, draining and paving with conc. 3.23 miles of National Park Highway, bet. Elbe and Park Junction in way bet. Elbe and Park Junction project No. 162; B. N. Bartlett, Jefferson, Ore., \$86,101.

Grading, draining and paving with conc. 4 miles, and the Sunset highway between Sequah and Preston in King county, federal-aid project No. 96; Coluccio & Erickson, 517 22nd St. Seattle, \$132,603.

Clearing, grading, draining and surfacing with crushed gravel 6.94 miles of state road No. 4 from Tonasket east in Okanogan county, federal-aid project No. 103; Anderson & Nelson, Tonasket, \$68,748.

SACRAMENTO, Cal.—Until Sept. 19, 8 p. m., bids will be rec'd. by H. G. Denton, city clerk, to const. intake pier, bridge and bridge piers, intake conduits and appurtenances for the Sacramento filtration plant. Only one bid received for this work under the last call but was not according to specifications. Geo. Calder is resident eng. for the project and Albert Civan, city eng. See call for bids under official proposal action in this issue.

MARYSVILLE, Yuba Co., Cal.—Until Sept. 21, 2 p. m., bids will be rec'd. by W. M. Strief, county clerk, to grade a portion and gravel all of approx. 3 1/2 miles of the Woodruff and La Porte roads, about 6 mi. northeast of Marysville.

YUBA CITY, Sutter Co., Cal.—Galbraith and Jones, Yuba City, at \$20,240 awarded contract by supervisors to construct Franklin road from Duncie lateral to Walton Ave., involv. 18,000 sq. yds. grading; 1250 yds. rein. conc. pavement, 5-in. thick, 15-ft. wide.

SAN FRANCISCO.—Supervisors order opening of Buchanan St., involv. the removal of a hill of stone and sand. M. M. O'Shaughnessy, city eng.

SANTA ROSA, Sonoma Co., Cal.—Supervisors reject bids to improve Sec. A, Fulton road, county highway system, involv. 2300 cu. yds. excavation; 1066 cu. yds. crushed rock; 12,674 sq. yds. asphalt surfacing; 50 lin. ft. 12-in., 50 lin. ft. 15-in., and 50 lin. ft. 18-in. corr. metal pipe. Low bid submitted by W. L. Proctor, 1000 Spring St., Santa Rosa, at approx. \$10,000. Work will be done by day labor. R. Press Smith, county surveyor.

MODESTO, Stanislaus Co., Cal.—Frederickson and Shannon, Cory Bldg., Fresno, at \$58,970, submitted bids for City Council to const. storm sewer No. 4, involv. 16,069 cu. yds. excav.; 3701 lin. ft. 8-in., 2604 lin. ft. 10-in., 639 lin. ft. 12-in., and 1691 lin. ft. 14-in. vit. pipe; 2556 lin. ft. 18-in., 2893 lin. ft. 24-in., 87 lin. ft. 30-in. corr. metal pipe; 36 in. corr. metal pipe; 14 ft. 30-in. corr. iron pipe No. 10 gauge; 36 br. manholes; 2 special manholes; 87 conc. conc. inlets. Heafey, Moore and McNair, Oakland, only other bidder at \$62,500. Taken under advisement. Geo. Freitas, city eng.

SAN MATEO, San Mateo Co., Cal.—City Trustees, E. W. Foster, clerk, declare intention to improve portions of Poplar Ave., and Hillcrest road; grading, paving with 4-in. hyd. conc. base with 1 1/2-in. asphalt, conc. surface; 12 in. lateral sewers; 6-in. vit. pipe sewers; br. manhole, 1911 Act and Bond Act 1915. Protests Oct. 2. G. S. Whitehead, city eng.

CARSON CITY, Nevada.—As previously reported, bids will be received by State Highway Commission, Sept. 27, 1.30 p. m., for highway work in Eureka county from West Eureka county line to Dunphy, 1.35 miles. Project involv. 13,500 cu. yds. unclass. excav., 14,000 cu. yds. embankment, 4388 cu. yds. prepare subgrade and shoulders; 5700 cu. yds. load and spread gravel; 8500 yd. mt. haul gravel; 5500 cu. yds. spread gravel; 170 cu. yds. class "A" and 20 cu. yds. class "B" concrete; 132 lin. ft. 15-in., 192 lin. ft. 24-in., and 72 lin. ft. 36-in. corr. metal pipe; 112 lin. ft. wooden guard rail; 38 monuments.

CRESCENT CITY, Del Norte Co., Cal.—Webster Const. Co., Crescent City, at approx. \$200,000 submits low bid to city trustees to improve various streets. Other bids: Federal Const. Co., \$180,000; Flansburg, approx. \$205,000; J. J. McHugh, San Francisco, approx. \$220,000. Project involves 23,955 cu. yds. grading excav., 519,900 sq. ft. grading surface; 215,600 sq. ft. asphalt macadam pavement, new 3-in. bituminous rolling, resurfacing, 118 sq. ft. asphalt macadam pavement; 22,312 lin. ft. conc. curb; 55,600 sq. ft. conc. gutter and conc. valley; 607 ft. 12-in. c-pipe for outfall; 777 lin. ft. 12-in., 2200 lin. ft. 30-in., 4619 lin. ft. 8-in., and 8321 lin. ft. 6-in. vit. pipe sewer; 46 sewer manholes; 7 lampholes; 25 V branches on 12-in., 30 on 10-in., 75 on 8-in. and 200 V branches on 6-in. sewer; 282 ft. 12-in., 112 ft. 18-in., 103 ft. 15-in., 550 ft. 12-in., and 44 ft. 10-in. corr. iron pipe culvert; 440 ft. 30-in., 60 ft. 24-in., and 145 ft. 18-in. sec. culverts; 16 manholes for sec. culverts; 4 manholes for pipe culverts; 4 manholes for pipe culverts with catchbasin inlet; 338 ft. 8-in. vit. pipe drain; 2170 ft. 1-in. galv. iron elect. lighting conduit; 4 cast iron survey monument frames; 130 lin. ft. roadway culverts; 120 lin. ft. roadway culverts; Kennedy, eng., Call Bldg., San Francisco.

COVINA, Cal.—Cal. Glazed Cem. Pipe Co., 531 Security Bldg., submitted low bid to city trustees, Sept. 5, at \$9860 for furnishing conc. pipe for outfall sewer work, involv. 14,600 ft. 15-in. at 60¢ ft., 14-in. at 52¢ ft., 2000 ft. 12-in. at 43¢ ft., 1000 ft. 8-in. at 24¢ ft.

Tropico Potteries, Inc., Glendale, bid (using vit. pipe), 73.7¢ 15-in., 62¢ 14-in., 50.8¢ 12-in., and 28¢ 8-in.; total, \$12,056. Rob Radich, 752 Emily Ave., Los Angeles, submitted low bid at \$27.74 for trenching and backfilling for work in connection with construction of outfall sewer. The bid was: Excav. and backfill, 48¢ 15-in., 45¢ 12-in., 43¢ 8-in. Laying pipe, 13¢ 15-in., 12¢ 12-in., 10¢ 8-in. Manholes 431¢ 75¢ brick, 37¢ concrete.

Mike P. Rutenica, 411 Temple St., Los Angeles bid Excav. and backfill, 38¢ 15-in., 36¢ 12-in., 33¢ 8-in. Laying pipe, 28¢ 15-in., 25¢ 12-in., 23¢ 8-in. Manholes, 380 brick 43¢ concrete; total, \$13,896.

Bids received same date for both material and labor complete were:

Dennell Barnett, 630 S. Washington Orange; Conc. pipe, \$1.14 15-in., \$1.06 12-in., 82¢ 12-in. 60¢ 8-in. Vitified pipe, \$1.05 15-in., 80¢ 14-in., 64¢ 8-in. Manholes, brick (no bid) 36¢ concrete, extra work cost plus 10%. The limit, 70-80 days. Total for 15-in. vit. pipe, 10-in. vit. pipe, \$19,492; using conc. pipe, \$20,926.

Clarence Fisher Wright & Callender Bldg., L. A. Conc. pipe, \$1.33 15-in., \$1.23 14-in., \$1.07 12-in., 80¢ 8-in. Vitified pipe, \$1.32 15-in., \$1.12 14-in., \$1.17 12-in., 86¢ 8-in. Manholes, 375 brick, concrete (no bid) Extra work cost plus 15%. Time limit, 120 days. Total, using vit. pipe, \$27,677; using conc. pipe, \$24,693.

Cox & Teal, 497 Marinista St. Alhambra; Conc. pipe, \$1.40 15-in., \$1.30 14-in., \$1.19 12-in., 80¢ 8-in. Vitified pipe, no bids. Manholes, 375 brick 375 conc. Extra work cost plus 15%. Time limit 60 days. Total for using conc. pipe \$25,805.

Nick Chutuk, 1506 Pleasant Ave., Los Angeles; Conc. pipe, \$1.90 15-in., \$1.715 14-in., \$1.56 12-in., \$1.36 8-in. Vitified pipe, \$2.03 15-in., \$1.825 14-in., \$1.71 12-in., \$1.4 8-in. Manholes, 388 brick 388 conc. Extra work cost plus 15%. Time limit 125 days. Total, using vitified pipe, \$37,126; using conc. pipe, \$34,584.

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
3268	Anderson	Carlson	6000
3269	Du Poet	Owner	2000
3270	Eisenbach	Owner	1750
3271	Sproule	Dinwiddie	12000
3272	Burshell	Owner	1070
3273	Silberman	Owner	9500
3274	Ruppel	Saari	4000
3275	Felson	Owner	6000
3276	Smith	Solomon	5430
3277	Halligan	Irvine	8255
3278	Crocker	Samuelson	3800
3279	Same	Same	3800
3280	Same	Samel	7600
3281	Rose	Bovyer	2612
3282	Corbo	Allen	5000
3283	Hageman	Barrett	9000
3284	Gardel	Allen	2000
3285	Forrest	Warlock	2000
3286	Westgate	Allen	8000
3287	Costello	Owner	24000
3288	Pratt	Owner	3000
3289	Maunier	Malloch	4525
3290	Ruppel	Saari	4270
3291	Stack	Rednall	7200
3292	Regli	Rench	6700
3293	Metter	Elvin	4100
3294	North	Elvin	5200
3295	Morris	Owner	4000
3296	Morris	Owner	4000
3297	Miller	Owner	\$5000
3298	S. F. Riding	Owner	6000
3299	Little	Owner	8000
3300	Newsom	Owner	2500
3301	Nourrigat	Sharman	3200
3302	Harrison	Nelson	13600
3303	Heilich	Meyer	8500
3304	Garibaldi	Lorbi	3855
3305	Anderson	Owner	2000
3306	Landers	Stelner	3000
3307	Parkside	Owner	4000
3308	Grille	Owner	50000
3309	O'Brien	Owner	10000
3310	Hansen	Weyrauch	4000
3311	Harris	Tuttle	2500
3312	Thelen	Owner	1000
3313	Cole	Mitchell	6000
3314	Detoy	Cox	6000
3315	Welsh	Owner	2800
3316	Nelson	Thompson	3225
3317	Symon	Owner	1000
3318	Biedie	Owner	2000
3319	McLain	Owner	2000
3320	Granat	Brumfield	1000
3321	Wickstrom	Misrack	1000
3322	Picchia	Wansted	3500
3323	Symon	Owner	1000
3324	President	Lawton	24000
3325	Same	Watts	6500
3326	Same	Lawton	97622
3327	Same	Hillard	17400
3328	Same	Forderer	13170
3329	Same	O'Mara	14500
3330	Same	Fraser	3985
3331	Same	Gladling	16005
3332	Same	Wilson	19000
3333	Same	Grassi	25000
3334	Same	Palace	3900
3335	Same	Knowles	20323
3336	Same	Fuller	15500
3337	Dierks	Royal	5530
3338	Standard	Dierksen	7750
3339	Hebrew	Grassi	12570
3340	Anderson	Meyer	4418
3341	Same	Same	4491
3342	McLaughlin	Nelson	6650
3343	Shold	Nelson	7200
3344	Zigante	Smith	4500

RESIDENCE

(3368) E FORTY-FIFTH AVE 60 N

Anza. Two-story and basement frame residence.

Owner—Chas. A. Anderson, 2151 Clement St., San Francisco.
Architect—Dodge A. Reidy, 850 Pacific Bldg., San Francisco.

Contractor—O. B. Carlson, 180 Jessie St., San Francisco. \$6000

RESIDENCE

(3369) W NOB 27-6 N Twenty-seventh One-story and basement frame residence.

Owner—Leo Du Poet, 1475 Noc St., San Francisco.
Architect—Edward Glass, 525 Market St., San Francisco. \$2000

ADDITIONS

(3370) SE SIXTH AND JESSIE STS. Plaster front; add stairway and install plumbing in loft.

Owner—Eisenbach Co., Flatiron Bldg., San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco. \$1750

ALTERATIONS

(3371) NO. 1150 SACRAMENTO ST. Alterations and additions to residence.

Owner—Wm. Sproule, Premises.
Architect—Bliss & Faville, Balboa Bldg., San Francisco.
Contractor—Dinwiddie Constr. Co., Crocker Bldg., S. F. \$12,000

ALTERATIONS

(3372) NO. 2551 TWENTY-EIGHTH AVE. Raise dwelling; concrete foundation and floor, etc.
Owner—W. J. Burshell, Premises. \$1000

RESIDENCE

(3373) E TWENTY-NINTH AVE 140 N Lake. Two-story and basement frame residence.

Owner—H. Silberman, 2301 Stockton St., San Francisco.
Architect—S. Heiman, 57 Post St., San Francisco. \$9500

DWELLING

(3374) E OLIVER 116 S Mission. One-story and basement frame dwlg.

Owner—L. C. Ruppel, 386 Frankfort St., Daily City.
Architect—None.
Contractor—S. Saari, 155 Brussels St., San Francisco. \$4000

FLATS

(3375) SE NINETEENTH AND HARTFORD. Two-story and basement frame (4) flats.

Owner—Martin Ferson, 217 Hartford St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$6000

REPAIRS

(3376) W HYDE bet. California and Sacramento No. 1127 Hyde. All work for repairing building damaged by fire.

Owner—Edith N. Gould Smith.
Architect—None.
Contractor—L. Solomon, 1420 Ellis St., San Francisco.

Filed Sept. 8, '22. Dated Aug. 28, '22.
Ready for painting.....\$1500
Completed and accepted.....2600
Usual 25 days.....1900
TOTAL COST.....\$5400

Bond, none. Limit, 40 days. Forfeit, plans and specifications, none.

BUILDING

(3377) S BALBOA 95 E Eleventh Ave. E 25x55 100. All work for one-story and basement frame building.

Owner—Patrick J. and Mary J. Halligan, 655 10th Ave., S. F.
Architect—Wm. K. Irvine, 1387 Hayes St., San Francisco.
Contractor—Wm. K. Irvine, 1387 Hayes St., San Francisco.

Filed Sept. 8, '22. Dated Aug. 31, '22.
Roof on.....\$2000
Brown coated.....2035
Completed.....2100
Usual 35 days.....2100

TOTAL COST, \$8235
Bond, \$4115 Surety, Henry Jacks.
Limit, 160 days after Sept. 8, 1922.
Forfeit, none. Plans and specifications filed.

DWELLING

(3378) SW AMAZON AND VIENNA. One-story and basement frame dwelling.

Owner—Crocker Est. Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 290 Rolph St., San Francisco. \$3890

DWELLING

(3379) NW LONDON AND AMAZON. One-story and basement frame dwelling.

Owner—Crocker Est. Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 290 Rolph St., San Francisco. \$3800

DWELLINGS

(3380) E VIENNA 25.98 and 53.98 S Amazon. Two one-story and basement frame dwellings.

Owner—Crocker Est. Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 290 Rolph St., San Francisco. \$3800 each

REPAIRS

(3381) W FILMORE bet. Sutter and Bush. Repair fire damage to residence and dance hall.

Owner—Joe Rose, 1740 Franklin St., San Francisco.
Architect—None.
Contractor—Bovyer & Sons, 2407 California St., San Francisco. \$2612

STORES

(3382) N HOWARD 275 W Third. One-story Class C (2) stores.

Owner—Miss B. C. Corbo, % Architect.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Allen & Co., 168 Sutter St., San Francisco. \$5000

FLATS

(3383) S LAKE 57-6 E Fifth Ave. Two-story and basement frame (2) flats.

Owner—H. M. Hageman, 1545 Pine St., San Francisco.
Architect—Paul F. De Martini, 946 Broadway, San Francisco.
Contractor—Barrett & Hlip, 918 Harbison St., San Francisco. \$9000

RESIDENCES

(3384) W SAN PABLO AVE 165 and 255 S Portola Drive. Two one-story and basement frame residences.

Owner—Garden Homes Co., 278 Post St., San Francisco.

Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Allen & Co., 168 Sutter St., San Francisco. \$5000 each

ALTERATIONS

(3385) NO. 251 SAN JOSE AVE. Remove present and place T & G roof; stucco finish on front; cement basement for apartments.
Owner—H. M. Forrest, 312 Dolores St., San Francisco.
Architect—None.
Contractor—M. C. Warnock, 3930 Mission St., San Francisco. \$2000

RESIDENCE

(3379) SANTA PAULA AVE 261 S Yerba Buena Ave. Two-story and basement frame residence.
Owner—Westgate Park Co., 278 Post St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Allen & Co., 168 Sutter St., San Francisco. \$5000

DWELLINGS

(3387) W THIRTY-FOURTH AVE 250 275, 300, 325, 350, 375, 400, 425 and 450 N Fulton. Eight one-story and basement frame dwellings.
Owner—Castello Bros., 18 Ney St., San Francisco.
Architect—None. \$3000 each

DWELLING

(3588) W THIRTY-SIXTH AVE 25 N Cabrillo. Two-story and basement frame dwelling.
Owner—Roy A. Pratt, 7140 Geary St., San Francisco.
Architect—None. \$5000

ALTERATIONS

(3389) NO. 826 KEARNY. Alterations and additions to moving picture theatre.
Owner—Nathan Manler, Premises.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—S. Malloch, 150 Jessie St., San Francisco.
Filed Sept. 11, '22. Dated Sept. 7, '22.
New floor on \$1200
Completed 1300
Usual 35 days 1025
TOTAL COST, \$4525
Bond, none. Limit, 25 days. Forfeit, none. Plans and specifications filed.

BUILDING

(3390) NE OLIVER 90 SE Mission St. 52x178. All work for building.
Owner—L. C. Ruppel, 386 Frankfort St., Daly City.
Architect—None.
Contractor—Samuel Saari, 155 Brussels St., San Francisco.
Filed Sept. 11, '22. Dated Sept. 5, '22.
Frame up \$1067.50
Brown coated 1067.50
Completed and accepted 1067.50
Usual 35 days 1067.50
TOTAL COST, \$4270.00
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications, none.
NOTE—Permit applied for today.

RESIDENCE

(3391) N VALLEJO 100 W Pierce W 25 xN 100. All work for two-story frame residence.
Owner—Katherine Stack, 2546 Baker St., San Francisco.
Architect—None.
Contractor—W. W. Rednall, 2500 Filbert St., San Francisco.
Filed Sept. 11, '22. Dated Sept. 6, '22.
Frame up and roof on \$1820
1st coat plaster on 1820
Completed 1820
Usual 35 days 1820
TOTAL COST, \$7200
Bond, \$3640. Sureties, H. Froese and W. P. Holmes. Limit, 120 days. Forfeit, \$5. Plans and specifications filed.

RESIDENCE

(3392) S ARMY 50 E Harrison E 50x S 160. All work for one-story frame residence.
Owner—Felix and Katharine Regh, 729 Douglas St., San Francisco.
Architect—None.
Contractor—M. C. Repch, 1301 4th Ave., San Francisco.
Filed Sept. 11, '22. Dated Sept. 7, '22.
Frame up \$1675
Brown coated 1675
Completed and accepted 1675
Usual 35 days 1675
TOTAL COST, \$6700
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

FRAME BLDG.

(33293) N NEY 50 E Congdon E 25x100. All work except window shades and electric fixtures for one-story and basement frame building.
Owner—Anton Meiten, 201 Ney St., San Francisco.
Architect—None.
Contractor—Mager Bros., 318 Valencia St., San Francisco.
Filed Sept. 11, '22. Dated Sept. 8, '22.
Frame up \$1025
Ready for lathing 1025
Completed 1025
Usual 35 days 1025
TOTAL COST, \$4100
Bond, none. Limit, 90 days. Forfeit, none.

ALTERATIONS

(3394) GORE COR. Columbus Ave. & Powell No. 1741 Powell. Carpenter, mill, plaster, roofing, etc. for alterations to two-story brick and frame building.
Owner—North Beach Theatres.
Architect—Bernard J. Joseph & Alfred A. Pyle, Call Bldg., San Francisco.
Contractor—Arthur Elvin, 2965 Howard St., San Francisco.
Filed Sept. 11, '22. Dated Sept. 5, '22.
Rough carpenter work completed \$1300
Plastering done and mill work on front completed 1600
Completed and accepted 1000
Usual 35 days 1300
TOTAL COST, \$5200
Bond, \$2600. Sureties, A. H. Lieb and J. S. Malloch. Limit, 40 days. Forfeit, \$20. Plans and specifications filed.

RESIDENCE

(3395) W HAZELWOOD 116 N Montecito. One-story and basement frame residence.
Owner—G. W. Morris, 152 Judson Ave., San Francisco.
Architect—Ida F. McCain, 318 Kearny St., San Francisco. \$4000
RESIDENCE
(3396) N NORTHWOOD 126 W Miramar. One-story and basement frame residence.
Owner—G. W. Morris, 152 Judson Ave., San Francisco.
Architect—Ida F. McCain, 318 Kearny St., San Francisco. \$4000

MFG. BUILDING

(3397) N TURK 87-6 E Hyde. Five-story masonry machine and basement Class B rein. conc. light manufacturing building.
Owner—Chris. C. Miller, care architect.
Architect—Martin A. Sheldon, 110 Sutter St., San Francisco. \$85,000

SCHOOL

(3398) N E WALLER and Stanyan. One-story frame riding school.
Owner—S. F. Riding School, 634 Stanyan St., San Francisco.
Architect—O'Brien Bros., Inc. 240 Montgomery St., San Francisco. \$6000

FLATS

(3399) N FULTON 102-6 E Fifteenth Ave. Two-story and basement frame (2) flats.

Owner—John Little, 1035 Lincoln Way San Francisco.
Architect—None. \$8000

DWELLING

(3400) S THERESA 205-6 W Mission. One-story and basement frame dwelling.
Owner—A. C. Newsom, 2906 Mission St., San Francisco.
Plans by Owner. \$2500

FRAME BLDG.

(3401) N REVERE AVE 225 W Lane. All work for one-story and garage frame building.
Owner—Leopold and Rosine Nourrigat Architect—None.
Contractor—T. R. Sharman, 1440 Shafter Ave., San Francisco.
Filed Sept. 12, '22. Dated Sept. 7, '22.
Frame up \$800
Brown coated 800
Completed and accepted 800
Usual 35 days 800
TOTAL COST, \$3200
Bond, none. Limit, Nov. 1, 1922. Forfeit, none. Plans and specifications filed.

(3402) W NINTH AVE 250 S Irving S 75xW 120. All work except painting and finish hardware and light fixtures for one-story garage building.

Owner—A. B. Harrison and H. E. Ramacchiotti, Mills Bldg., S. F.
Architect—O. B. Thayer, 110 Sutter St., San Francisco.
Contractor—E. K. Nelson, 77 O'Farrell St., San Francisco.
Filed Sept. 12, '22. Dated Sept. 1, '22.
Outer walls up 6 feet \$2550
Walls up and roof trusses set 2550
Roof on and mill work on premises 2550
Completed and accepted 2550
Usual 35 days 3400
TOTAL COST, \$13,600
Bond, \$6800. Sureties, A. L. Nelson and E. A. Anderson. Limit, 65 days. Forfeit, none. Plans and specifications filed.

COTTAGES

(3403) E THIRTY-SIXTH AVE 175 N Anza. All work for two five-room cottages.
Owner—A. P. Herlihy, 2535 Vallejo St., San Francisco.

Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Sept. 12, '22. Dated Aug. 30, '22.
Frame up \$2125
Brown coated 2125
Completed 2125
Usual 35 days 2125
TOTAL COST, \$8500
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE

(3404) N CAERILLO 30 E Twenty-ninth Ave E 30xN 90. All work for one-story and basement frame residence.
Owner—Antonio Garibaldi, 662 Brunswick St., San Francisco.
Architect—L. Traverero, 851 Union St., San Francisco.
Contractor—Aurelio Sorbi, 353 Edinburgh St., S. F.
Filed Sept. 12, '22. Dated Sept. 12, '22.
Roof on \$963.75
Brown coated 963.75
Completed and accepted 963.75
Usual 35 days 963.75
TOTAL COST, \$3855.00
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

DWELLINGS

(3405) E MADRID 125, 150 and 175 S Avadon. Three one-story and basement frame dwellings.
Owner—K. A. Anderson and T. Johnson, 133 Bertha St., San Francisco.
Architect—None. \$2000

FLAT, ETC.

(3406) S MARKET 220 E Fourteenth.
Two-story and basement frame
store and flat.
Owner—James Landers, 2165 Market
St., San Francisco.
Architect—None.
Contractor—Herman O. Steiner, 2344
Market St., San Francisco. \$3000

DWELLING

(3407) NE ULLOA AND THIRD AVE.
One-story and basement frame
dwelling.
Owner—Parkside Realty Co., 617
Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$4006

APARTMENTS

(3408) N TURK 87-6 W Leavenworth.
Three-story and basement brick
Class C (25) apartments.
Owner—C. S. Grillo, 948 Market St.,
San Francisco.
Architect—Wm. Reasley, 948 Market
St., San Francisco. \$50,069

ADDITION

(3409) W GRANT AVE 62-6 S Pine.
One-story (2nd story) addition to
building now under construction.
Owner—R. J. O'Brien, Rm. 711, 110
Sutter St., San Francisco.
Architect—Albert W. Burgren, 110 Sutter
St., San Francisco. \$10,000

DWELLING

(3410) E BELVEDERE 60 S Alma.
Two-story and basement frame
dwelling.
Owner—A. P. Hansen, 4 Appleton Ave.,
San Francisco.
Architect—None.
Contractor—E. Weyrauch, 827 Dolores
St., San Francisco. \$4000

DWELLING

(3411) NE CALIFORNIA & STEINER.
One-story and basement frame
dwelling.
Owner—Sadie Harris, 4967 Mission St.,
San Francisco.
Architect—None.
Contractor—P. M. Tuttle, 219 Tara St.,
San Francisco. \$2500

REPAIRS

(3412) NO. 37 BERNAL. Raise and
repair residence.
Owner—Felix Thelen.
Architect—None. \$1000

ALTERATIONS

(3413) NO. 451 BUENA VISTA AVE.
All work for alterations and addi-
tions to building.
Owner—J. F. & Emily A. Code, Prem
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco.
Contractor—J. L. Mitchell, 1794 Page
St., San Francisco.
Filed Sept. 13, '22. Dated June 9, '22.
Frame up and rustic on.....\$1125
Brown coated inside and out-
side.....1125
Standing finish on.....1125
Completed and accepted.....1125
Usual 35 days.....1500
TOTAL COST, \$6000
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

DWELLING

(3414) W SIXTEENTH AVE 256 S
Judah 25x120 All work for one-
story and basement frame dwlg.
Owner—O. M. and Grace Detoy, 2615
Octavia St., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave.,
San Francisco.
Filed Sept. 13, '22. Dated Aug. 31, '22.
Frame up and rustic on.....\$1562.50
Brown coated.....1562.50
Completed and accepted.....1562.50
Usual 35 days.....1562.50
TOTAL COST, \$6250.00
Bond, none. Limit, 120 days. Forfeit,
none. Plans and specifications filed.

DWELLING

(3415) N DE MONTFORD 100 W Mir-
amar. One-story and basement
frame dwelling.
Owner—Max F. Welsch, 2185 Harrison
St., San Francisco.
Architect—None. \$2800

REPAIRS

(3416) NO. 227 SAN BRUNO AVE.
General repairs to factory.
Owner—Mrs. T. A. Nelson, 1273 Acacia
St., Stockton.
Architect—None.
Contractor—Thornison & Stoneson
Bros., 219 Falcon Ave., S. F. \$3925

UNDERPIN

(3417) W BUENA VISTA AVE 125 S
Java. Underpin two flats; new
front; cement basement floor.
Owner—George Symon, 11th and Mar-
ket Sts., San Francisco.
Architect—None. \$1000

ALTERATIONS

(3418) NO. 205 CASELLI AVE. Alter
dwelling into (2) flats.
Owner—H. Erodie, Premises.
Architect—Will H. Toepke, 942 Market
St., San Francisco. \$2000

ALTERATIONS

(3419) NO. 226 CLAY. New front;
alter for basement garage; paint-
ing and papering for dwelling.
Owner—Mrs. M. McLaine, 2220 Wash-
ington St., San Francisco.
Architect—Edw. E. Young, 251 Kearny
St., San Francisco. \$2000

MARQUEE

(3420) NO. 168 GEARY. Erect 1
marquee with electric signs.
Owner—Granat Bros., Premises.
Architect—None.
Contractor—Brumfield Elec. Sign Co.,
18 7th St., San Francisco.

ALTERATIONS

(3421) NO. 950 PIERCE. Raise flats
and alter for basement garage.
Owner—J. W. Wickstrom, Premises.
Architect—None.
Contractor—S. B. Misrack, 181 27th St.,
San Francisco. \$1000

DWELLING

(3422) N NEWTON 126 N Morse. One-
story and basement frame dwlg.
Owner—J. Vecchia, 112 Mason St., San
Francisco.
Architect—Irwin Reichel, 1227 Shafter
Ave., San Francisco.
Contractor—C. Wansted, 602 Scherwin
St., San Francisco. \$3500

ALTERATIONS

(3423) W BUENA VISTA 100 S Java.
Underpin residence; cement base-
ment floor; new cement front.
Owner—George Symon, 11th and Mar-
ket Sts., San Francisco.
Architect—None. \$1000

CARPENTER WORK

(3424) S SUTTER 217-6 E Montgomery
E 87-6 S 119-4 1/2 SW 71-10 1/2 N 159-
9 1/2. Carpenter work for building.
Owner—The Provident Securities Co.,
Crocker Bldg., San Francisco.
Architect—Willis Polk & Co., Hobart
Bldg., San Francisco.
Contractor—Lawton & Vezev, 357 12th
St., San Francisco.
Filed Sept. 14, '22. Dated Sept. 5, '22.
On 15th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$24,000
Bond, \$12,000. Sureties, C. E. Reinhart
and Jas. H. Pierce, Limit, Feb. 28, '23.
Forfeit, none. Plans and specifications
filed.

(3425) ELECTRIC WIRING ON
above.
Contractor—Watts Electric Co., 133 4th
St., San Francisco.
Filed Sept. 14, '22. Dated Sept. 5, '22
Payments same as above.....

TOTAL COST, \$6500

Bond, \$3500. Surety, London & Lan-
cashire Indemnity Co. Limit, Feb. 28,
1923. Forfeit, none. Plans and speci-
fications filed.

(3426) EXCAVATION, FOUNDATION
and concrete work on above.

Contractor—Lawton & Vezev, 332 Call
Bldg., San Francisco.
Filed Sept. 14, '22. Dated Sept. 5, '22.
Payments same as above.....
TOTAL COST, \$97,622
Bond, \$48,000. Sureties, Jas. H. Pierce
and C. E. Reinhart. Limit, Feb. 28,
1923. Forfeit, none. Plans and speci-
fications filed.

(3427) ORNAMENTAL IRON WORK

on above.
Contractor—C. J. Hillard Co., 19th &
Minnesota Sts., San Francisco
Filed Sept. 14, '22. Dated Sept. 5, '22
Payments same as above.....
TOTAL COST, \$17,400
Bond, \$8500. Surety, Fidelity & Deposit
Co. Limit, Feb. 28, 1923. Forfeit, none.
Plans and specifications filed.

(3428) ROOFING AND SHEET METAL

work on above.
Contractor—The Forrester Cornice Wks.
16th and Potrero Ave., S. F.
Filed Sept. 14, '22. Dated Sept. 5, '22.
Payments same as above.....
TOTAL COST, \$13,170
Bond, \$6500. Sureties, Geo. S. Forrester
and Chas. Stockholm. Limit, Feb. 28,
1923. Forfeit, none. Plans and speci-
fications filed.

(3429) HEATING AND VENTILATING

on above.
Contractor—J. E. O'Mara Co., 445
Minn St., San Francisco.
Filed Sept. 14, '22. Dated Sept. 5, '22.
Payments same as above.....
TOTAL COST, \$14,500
Bond, \$7500. Sureties, M. S. Sprague
and Oscar R. King. Limit, For-
feit, none. Plans and specifications
filed.

(3430) PAINTING ON ABOVE.

Contractor—J. P. Fraser, 320 Hayes St.,
San Francisco.
Filed Sept. 14, '22. Dated Sept. 5, '22.
Payments same as above.....
TOTAL COST, \$3985
Bond, \$2000. Surety, Royal Indemnity
Co. Limit, Feb. 28, 1923. Forfeit, none
Plans and specifications filed.

(3431) TERRA COTTA WORK ON

above.
Contractor—Gladding, McBean & Co.,
Crocker Bldg., San Francisco.
Filed Sept. 14, '22. Dated Sept. 5, '22.
Payments same as above.....
TOTAL COST, \$16,000
Bond, \$8000. Sureties, Geo. R. Cham-
bers and F. C. Davis. Limit, Feb. 28,
1923. Forfeit, none. Plans and speci-
fications filed.

(3432) PLUMBING ON ABOVE.

Contractor—Wm. F. Wilson Co., 328
Mason St., San Francisco.
Filed Sept. 14, '22. Dated Sept. 5, '22.
Payments same as above.....
TOTAL COST, \$19,000
Bond, \$10,000. Sureties, Chas. H. Caul-
field and Thos. J. Christal. Limit, Feb.
28, 1923. Forfeit, none. Plans and
specifications filed.

(3433) TRAVERTINE & TERRAZZO

work on above.
Contractor—P. Grassi & Co., 125 Te-
hama St., San Francisco.
Filed Sept. 14, '22. Dated Sept. 5, '22.
Payments same as above.....
TOTAL COST, \$25,000
Bond, \$12,500. Surety, New Amsterdam
Casualty Co. Limit, Feb. 28, 1923. For-
feit, none. Plans and specifications
filed.

(3434) HARDWARE ON ABOVE.

Contractor—Palace Hardware Co., 581
Market St., San Francisco.

Filed Sept. 14, '22. Dated Sept. 5, '22.
Payments same as above.
TOTAL COST, \$3900
Bond, \$2000. Surety, Fidelity & Deposit Co. of Maryland, Limit, Feb. 28, 1923. Forfeit, none. Plans and specifications filed.

(3435) LATH AND PLASTER ON above.
Contractor—A. Knowles, Call Bldg., San Francisco.

Filed Sept. 14, '22. Dated Sept. 5, '22.
Payments same as above.
TOTAL COST, \$30,325
Bond, \$15,000. Surety, Globe Indemnity Co. Limit, Feb. 28, 1923. Forfeit, none. Plans and specifications filed.

(3436) GLAZING ON ABOVE.
Contractor—W. P. Fuller & Co., 301 Mission St., San Francisco.

Filed Sept. 14, '22. Dated Sept. 5, '22.
Payments same as above.
TOTAL COST, \$15,500
Bond, \$8,000. Sureties, H. H. Somers and N. B. Wagner, Limit, Feb. 28, '23. Forfeit, none. Plans and specifications filed.

Owner—R. Peechia, 112 Nason St., San ALTERATIONS.

(3437) SE DIVISADERO AND McAllister. All work except plumbing, electric work, painting, light fixtures and shades for alterations to 1st and 2nd floors of building.
Owner—Theo. Dierks, Premises.
Architect—E. A. Neumarkel, 544 Market St., San Francisco.

Contractor—Royal Show Case Co., 759 McAllister St., San Francisco.
Filed Sept. 14, '22. Dated Sept. 5, '22.
Store plastered and work of show windows set up.....\$1000
Up stairs plastered.....1000
Completed and accepted.....2130
Usual 35 days.....1400
TOTAL COST, \$5530
Bond, none. Limit, 45 days. Forfeit, none. Plans and specifications filed.

LIGHTING FIXTURES
(3438) SW BUSH & SANSOME 206-3 x127-6. All work for lighting fixtures for building.
Owner—Standard Oil Co., Sansome and Bush Sts., San Francisco.

Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.
Supt.—Lindgren Co., Monadnock Bldg., San Francisco.
Contractor—D. Dierssen Co., 30 Davis St., San Francisco.

Filed Sept. 14, '22. Dated Aug. 9, '22.
Monthly payments of.....75%
36 days after.....25%
TOTAL COST, \$7336-32
Bond, \$3868-36. Surety, National Surety Co. Limit, Dec. 31, 1922. Forfeit, none. Plans and specifications filed.

TRAVERTINE WORK
(3439) EDELBY MISSION, SILVER Ave. and Lison. Travertine base for corridors and sides of stairs for building.

Owner—The Hebrew Home for Aged Disabled, 2504 Howard St., S. F.
Architect—Samuel L. Hyman, 8 Post St., San Francisco.
Contractor—P. Grassi & Co., 135 Tehama St., San Francisco.

Filed Sept. 14, '22. Dated Sept. 6, '22.
1/2 work completed.....\$6285.00
Completed and accepted.....3142.50
Usual 25 days.....3142.50
TOTAL COST, \$12,570.00
Bond, none. Limit, 60 days. Forfeit, plans and specifications, none.

COTTAGE
(3440) E TWENTY-SIXTH AVE. 175 S. Geary, San Francisco. All work one 5-room cottage.

Owner—Jonathan Anderson, 423 16th Ave., San Francisco.

Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contractor—Meyer Brothers, 5326 Geary St., San Francisco.
Filed Sept. 14, 1922. Dated Aug. 25, 1922.
Frame up.....\$1104.50
Brown coated.....1104.50
Usual 35 days.....1104.50
TOTAL COST, \$4418.00

Bond, none; Sureties, none; Forfeit, none; Limit, 90 days; Plans and specifications, none.

COTTAGE

(3441) N ANZA 105 W 27th Ave., S. F. All work for 6-room Cottage.

Owner—Jonathan Anderson, 423 16th Ave., San Francisco.

Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contractor—Meyer Bros., 5326 Geary St., San Francisco.

Filed Sept. 14, 1922. Dated Aug. 30, 1922.
Frame up.....\$1122.75
Brown coated.....1122.75
Completed.....1122.75
Usual 35 days.....1122.75
TOTAL COST, \$4491.00

Bond, none; sureties none; forfeit none; limit, 90 days; plans and specifications, none.

RESIDENCE

(3442) LOT 13 BLK 3165 WESTWOOD Park, S. F. All work for one-story and basement frame residence.

Owner—Jos. M. McLaughlin.

Architect—Chas. F. Strothoff, 2275 15th St., San Francisco.

Contractor—Hans Nelson, 1375 Plymouth Ave., San Francisco.
Filed Sept. 14, 1922. Dated Aug. 28, 1922.
Enclosed.....\$1125
Brown coated.....1125
Completed and accepted.....1125
Usual 35 days.....1125
Balance \$2150 to be deed of trust.
TOTAL COST, \$6650

Bond, none; sureties none; forfeit none; limit, 90 days; plans and specifications filed.

BUNGALOW

(3443) LOT 16 BLOCK 3176 WESTWOOD Park, All work for 1-story and basement fm. bungalow.
Owner—Oscar H. Skold.

Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.

Contractor—Nelson Brothers, 1375 Plymouth Ave., San Francisco.

Filed Sept. 14, 1922. Dated May 17, 1922.
Enclosed.....\$1812.50
Brown coated.....1812.50
Completed and accepted.....1812.50
Usual 35 days.....1812.50
TOTAL COST, \$7250.00

Bond, none; sureties none; forfeit none; limit, 90 days; plans and specifications filed.

DWELLING

(3444) SW BRUSSELS 125 SE Felton St. 25 and SV 120. All work for 1 1/2-story and basement frame dwlg
Owner—Jos. and Anna Zigante.

Plans by contractor.

Contractor—Martin Smith, 114 Girard St., San Francisco.

Filed Sept. 14, 1922. Dated Aug. 31, 1922.
Rough frame up.....\$1125
Brown coated.....1125
Completed and accepted.....1125
Usual 35 days.....1125
TOTAL COST, \$4500

Bond, none; sureties none; forfeit, none; limit, 160 days; plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Sept. 8, 1922 S CLEMENT 107-6 W 21st Ave W 25xS 100, Arthur S Katz to whom it may concern.....Sept. 4, 1922
Sept. 8, 1922 W FOURTEENTH AV 259 N Cabrillo 25x127-5, Leonard Salomon to whom it may concern.....Aug. 28, 1922
Sept. 8, 1922 N GREENWICH 81-9-4 E Steiner, N A Paris to A Sprinkola and T Tomaschul.....Sept. 1, 1922
Sept. 8, 1922 LOT 18 BLK 11, Forest Hill, Rae and Jennie Cohen to John Morton.....Sept. 1, 1922
Sept. 8, 1922 SE SEASIS 100 SW Siskies Ave SW 25x102.50, Oscar Heyman & Bro to whom it may concern.....Sept. 6, 1922
Sept. 8, 1922 LOT 18 BLK 11, Forest Hill, Rae and Jennie Cohen to John Morton.....Sept. 1, 1922
Sept. 11, 1922 SW GENEVA AND Naples August' Berghis to John J. Binet.....Sept. 4, 1922
Sept. 11, 1922 SW UNION 125 E Van Ness Ave 60x103-6, Theo Veyhle, Elmo Collins and Fred Barz to whom it may concern.....Sept. 11, 1922
Sept. 11, 1922 W SCOTT 100 S O'Farrell 25x90; No. 1337-1339-1341 and 1341-A Scott, Patrick T Waters to W R Segurson.....Sept. 11, 1922
Sept. 11, 1922 IN REAR 3494 AND 3498 Mission as follows N Brook and NW Mission W 162 m or 1 NE 40 E 168 m or 1 SW 40, Henry R Tegehr to Adam Aras Co.....Sept. 5, 1922
Sept. 11, 1922 S WASHINGTON 64-4 E Powell E 23-2 S 137-6 W 27-6 N 69 E 1-4 N 68-6, Fourth Street Planning Mill vs John Morton and Chinese Baptist Church.....\$1225
Sept. 11, 1922 NW STILLMAN 90 NE Third NE 135xNW 70, Robert F Smith Co vs J R China.....\$422
Sept. 11, 1922 SW OCEAN AVE 11 NW Jukes Ave NW 27.17 m or 1 S 136-8 m or 1 E 25 m or 1 N 126-3 Ptn Lot 25 Blk 25, Lakeview, J H Kruse vs Knabenshuh & Morrison and E H F Bode.....\$249.25
Sept. 12, 1922 S GEARY 137-6 W Mason W 106xS 137-6, Curran Theatre Co to C J Hillard Co.....Sept. 5, 1922
Sept. 12, 1922 E TWENTY-SETH AVE 250 N Caorillo N 25x120, Alfred T Morris to whom it may concern.....Sept. 6, 1922
Sept. 12, 1922 S GEARY 137-6 W Mason W 106xS 137-6, Curran Theatre Co to Decker Electrical Contr Co.....Sept. 8, 1922
Sept. 12, 1922 SW CLEMENT AND Ninth Ave S 75xW 57-6, Bank of Italy to whom it may concern.....Sept. 8, 1922
Sept. 12, 1922 SW IRVING AND Eighth Ave W 35xS 75, Bank of Italy to whom it may concern.....August 31, 1922
Sept. 12, 1922 N FULTON 32-6 E 18th Ave E 25xN 60, W C Foulks to David Leigh.....July 15, 1922
Sept. 12, 1922 E NINETEENTH AV 250 N Balboa N 25x E 120, Julius and Filizina Delucet to whom it may concern.....Sept. 11, 1922
Sept. 12, 1922 E FORTY-EIGHTH Ave 125 S Moraga S 25x E 120, Herman Weiss to whom it may concern.....Sept. 8, 1922
Sept. 12, 1922 LOTS 22 AND 24 BLK 3137, Westwood Park, Walter E Hansen to whom it may concern.....Sept. 8, 1922
Sept. 12, 1922 LOTS 46 AND 27 BLK P Park Lane Tract, Paul F Fratessa to Jos S Fratessa.....Sept. 12, 1922
Sept. 12, 1922 S GEARY 137-6 E Taylor E 21-6xS 137-6, A F Rousseau to whom it may concern.....Sept. 11, 1922

Sept. 11, 1922—S WASHINGTON 64-4
E Powell E 23-2 S 137-6 W 27-6 N
69 E 4-4 N 68-6. The Chinese Baptist Church to John Morton.....

Sept. 12, 1922—SW LINE LOT 41
Blk "P" dist 100 NW from NW
Lower Terrace NE part with NW
Lower Terrace 50 m or l to NE line
Lot 42 Blk "P" NW alg NE line
Lot 42 6 m or l to S line Lot 41 E
alg line Lot 44 47-73 to E bdy line
Lot 44 N alg E bdy line Lot 44 29
W 197 m or l to SE line Terrace
30 m or l to SW line Lot 41
SE 54-17 m or l to beg Park Lots
41, 42 and 41 Blk "P" Park Lane
Tract. Oliver J Millard to whom
it may concern.....Sept. 11, 1922

Sept. 13, 1922—LOT 7 BLK 3199.
Westwood Park. Hans and Esther
E Nelson to whom it may concern.....Sept. 13, 1922

Sept. 13, 1922—S GEARY 137-6 W
Marion W 106X88 137-6. The Curran
Theatre Co to Scott Co.....

Sept. 13, 1922—NO. 1230 POWELL.
Graciously Grant to Gaston Pene
.....Sept. 13, 1922

Sept. 13, 1922—W DIVISADERO 50 N
Bush N 50XW 100 S. Plombio L
Plombio to Michael Demphiah.....

Sept. 13, 1922—S CALIFORNIA 75 W
Larkin W 59-6 S 80-6 E 25 N 44-6
E 14-6 N 36. John B Rusconi to
V. Philippis.....Sept. 13, 1922

Sept. 14, 1922—SE MISSION 150 SW
Brazil Ave SW 150 SE 183-6 NE
125 NW 100 NE 25 W 133 Lot 1 and
17th Lot 7 Blk 2, Excl Ind Assn.
Excelsior Amusement Co to Wm
Scott.....Sept. 8, 1922

Sept. 14, 1922—W TWENTY-THIRD
Ave 200 and 225 S Geary. H Wiss-
man to Meyer Bros.....Sept. 13, 1922

Sept. 14, 1922—S FOLSOM 225 E 6th
50 on Folsom and 50 on Shipley
with depth of 165. L P Lurie to
whom it may concern.....Sept. 14, 1922

Sept. 14, 1922—E CASTRO 100 S
17th S 99-9 E 80 S 75-3 E 68 N 175
E 148. Nasser Bros to Louis J
Cohn, Aug. 25; Thos Skelly, Aug.
11; C S Amster (as Amster Sheet
Metal Works).....Aug. 9, 1922

Sept. 14, 1922—S WASHINGTON
137-6 E Hyde 30X137-6. P A Gaw-
thorne to J W Swift.....Sept. 8, 1922

Sept. 14, 1922—E TWENTIETH AVE
125 N Fulton. Edward E Manseau
to E E Manseau.....Sept. 13, 1922

Sept. 14, 1922—N CALIFORNIA 32-6
W 10th Ave 25X100. S Steinhauer
to whom it may concern.....

Sept. 14, 1922—N GEARY 80 E Polk
E 85XN 120. Frederick Saunders
Gdn Estate Carrie Irones, Incpt, to
Schultz Contract Co.....Sept. 14, 1922

Sept. 14, 1922—W LEAVENWORTH
80 S Sutter S 57-6 W 100 N 8-6 E
50 N 49 E 80. Ralph Brown to
whom it may concern.....July 15, 1922

Sept. 14, 1922—S GEARY 137-6 W
Mason W 106X88 137-6. The Curran
Theatre Co to Ira W Coburn and
Morrison & Co.....Sept. 13, 1922

Sept. 14, 1922—E TWELFTH AVE
2-5 N Anza N 25X8 E 120. Donald C
and Ruth A Elliot to C Lindberg
.....Sept. 14, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Sept. 8, 1922—S LAKE 32-6 W 11th
Ave W 25XN 100 M. Bettolino vs
Wm Larsen and Adeline Larson.....\$75

Sept. 12, 1922—N GREEN 68-9 W Di-
visadero W 44-11XN 103-6. W P
Fuller & Co vs Lizzie M Durbrook,
L D Allen & Co and Windsor Ter-
race Bldg Co.....\$427

Sept. 12, 1922—NE POST & POWELL
137-6 on Powell and 162-9 on Post.
Sam Rosenberg vs Wm M Fitzhugh
and Mary E Fitzhugh. A J Reeder
and Reid Bros.....\$672.02

Sept. 11, 1922—S WASHINGTON 64-4
E Powell E 23-2 S 137-6 W 27-6 N
69 E 4-4 N 68-6 to beg. Anton
Schle & Sons (as Fourth St.
Planing Mill) vs John Morton.....\$825

Sept. 13, 1922—E TWENTY-FIRST
Ave 225 S Anza S 25X E 120. P F
Beyer vs Jos Nissin and Saul N
Ades.....\$275

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Sept. 8, 1922—E VALENCIA 235 N
Twentieth N 50X E 80. W P Fuller
& Co; Golden Gate Iron Works;
Knittle Cashel & Co, Jas Cantley;
A Quandt & Sons; Phoenix Side-
walk Light Co to Paul Martz and
George Bos.....

Sept. 11, 1922—455 or 382 N VIENNA
and Excelsior Ave NE 100X NW
25 Eaton & Smith to L C Berth

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Sept. 14, 1922—SE GRANT AVE &
Pine S 77-6X E 60. Frances Jol-
iffe and Louise H Mahony as to
improvements on property.....

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the
contracts for this issue.

No.	Owner	Contractor	Am't
3895	Collins	Stewart	3700
3896	Collins	Stewart	3700
3897	Hoffman	Owner	1500
3898	Brignardetto	McCord	3000
3899	Kramer	Wicher	3500
3900	Peterson	Stewart	1000
3901	Vesich	Owner	8000
3902	Brazier	Owner	2500
3903	Daly	Owner	1000
3904	Crocker	Owner	1800
3905	Dorado	MacDonald	10000
3906	Lindstrom	Pfrang	1500
3907	Hughes	Walworth	6000
3908	Nelson	Pedgrift	3000
3909	Leisz	Ballard	1500
3910	Hobbs	Owner	900
3911	Reichert	Beck	3500
3912	Gillespie	Gillespie	6000
3913	Furlong	Furlong	4950
3914	Wayne	Johnson	1000
3915	Devare	Owner	3500
3916	McCoy	Owner	2500
3917	Stone	Owner	1500
3918	Crane	Scott	4122
3919	Nelson	Westlund	4800
3920	Kavel	Townsend	2064
3921	Krieger	Owner	5503
3922	Cott	Brennan	2500
3923	Associated	Owner	1750
3924	Hook	Tollepsen	2425
3925	Upright	Otis	5000
3926	Dolan	Owner	3775
3927	Silverstein	Kingree	1500
3928	Matzell	Reed	3800
3929	Robinson	Matteson	3000
3930	Handar	Nelson	1000
3931	Muther	Owner	4500
3932	Armonen	Armarino	4000
3933	Lane	Darling	4800
3934	Page	Owner	5000
3935	Cott	Coit	3000
3936	Hughes	Owner	3000
3937	Masonic	Fitzpatrick	9437
3938	Same	Burdon	15935
3939	Same	Grassi	9500
3940	Same	Mangrun	6775
3941	Cramer	Walton	6000
3942	Salo	Niska	2600
3943	Carlson	Owner	6590
3944	Mathw	Koski	4000
3945	Noble	Owner	3500
3946	Tremp	Atkinson	5000
3947	Garfinkle	Roth	2000
3948	Peterson	King	5200
3949	Baker	Owner	4750

3950	Pfrang	Owner	4500
3951	Prinz	Owner	4000
3952	Sprague	Sprague	4000
3953	Botten	Short	7500
3954	Batten	Batten	2000
3955	Jackson	Owner	1500
3956	Johnson	Narbett	1000
3957	Theim	Rankin	3200
3958	Davis	Owner	3600
3959	Vaughn	Owner	4000
3960	Graves	Graves	2500
3961	Reeves	Taylor	2000
3962	Watkins	Owner	2900
3963	Ferrerria	Valleroy	2850
3964	Viets	Van Ness	1975
3965	Olmm	McCline	3000
3966	Crane	Titte	2700
3967	Linge	Morris	5100
3968	Thompson	Myers	5100
3969	Walsh	MacGregor	6253
3970	Holtum	MacGregor	6950
3971	Nesbit	Irish	2250
3972	Gillard	Wilkinson	6000
3973	Morris	Owner	5500
3974	Dolan	McKibben	5100
3975	Taylor	Owner	5000
3976	Same	Same	5503
3977	Same	Same	5500
3978	Whitehouse	Rich	5100
3979	Dowell	Owner	6500
3980	Reddall	Owner	6000
3981	Rose	Owner	5000
3982	Same	Same	5000
3983	Field	Owner	5500
3984	Woodburn	Owner	5100
3985	Bonschau	Owner	3500
3986	Warner	Petersen	30000
3989	Marquis	Owner	5600
3990	Verner	Owner	2000
3987	Lundgren	Owner	2000
3988	Price	Owner	3000
3889	Marquis	Owner	11200
3890	Verner	Owner	2000
3891	Denker	Merton	2900
3892	Kortin	Owner	1800
3893	Low	Owner	5000
3894	Rantio	Owner	1000
3895	Lesser	Petersen	2500
3896	Stollzin	Bishop	2800
3897	Hightstone	Hightstone	1500
3898	Spino	Bayliss	3000
3899	Bahr	Larmer	9150
4000	Cowell	Williams	11800
4001	Snook	Maurice	5485
4002	Lawrence	Burnett	6364

DWELLING

(3895) SV COR LAUREL & FLORIDA,
Oakland. One-story 5-room dwlg.
Owner—D. E. Collins, 19th and Harri-
son St., Oakland.
Architect—None.
Contractor—B. W. Stuart, 437 Perkins,
Oakland. \$3700

DWELLING

(3896) W LAUREL 50 W FLORIDA,
Oakland. One-story 5-room dwlg.
Owner—D. E. Collins, 191 Harrison St.,
Oakland.
Architect—None.
Contractor—B. W. Stewart, 437 Perkins,
Oakland. \$3700

DWELLING

(3897) W ONE HUNDRED THIRD AV
100 N PLYMOUTH, Oakland. One-
story 4-room dwelling.
Owner—M. Hoffman, 1711 103rd Ave.,
Oakland.
Architect—None. \$1500

DWELLING & STORE

(3898) W SHAFTER 100 W FORTY-
ninth, Oakland. One-story 4-room
dwelling and store.
Owner—E. Brignardello.
Architect—None.
Contractor—J. A. McCord, 4517 Market
St., Oakland. \$3000

DWELLING

(3899) SE COR E TWENTY-FIFTH
and 26th Ave., Oakland. One-story
5-room dwelling.
Owner—Ed. Kramer, 2630 E 25th St.,
Oakland.
Architect—None.
Contractor—H. Wicher, E 23rd St. Oak-
land. \$3500

ALTERATION

(3906) 5682 MILES AVE. Alteration
Owner—Mrs. M. S. Lindstrom, premises.
Architect—None.
Contractor—L. G. Pfarr, 5467 Locks-
ley. \$1500

DWELLING

(3907) NW COR. EUCLID & PAYNE.
Two-story 6-room dwelling.
Owner—A. B. Hughes, 9th and Wash-
ington.
Architect—None.
Contractor—A. J. Walworth, 922 Jeffer-
son. \$6000

DWELLING

(3908) E EASTMAN NO. 50 S PENNIN-
man. One-story 4-room dwelling.
Owner—H. Nelson.
Architect—None.
Contractor—Jas. H. Pedkrift, 4110
Broadway. \$3000

ALTERATION

(3900) 819 THIRTY-FIRST ST. OAK-
Land. Alteration.
Owner—Tony Petorna, 2019 7th St.,
Berkeley.
Architect—None.
Contractor—S. L. Stewart, 831 16th St.,
Oakland. \$1000

FLATS

(3901) S VALLE VISTA 170 E Santa
Clara, Oakland. Two-story 10-room
flats.
Owner—S. Vsesich, 472 Valle Vista,
Oakland.
Architect—None. \$3000

(3902) NO. 2302 CARLTON, Berkeley.
One-story 5-room dwelling.
Owner—Jas. W. Brazier, 1912 Blake St.,
Berkeley.
Architect—None. \$2500

DWELLING

(3903) NO. 1535 OREGON, Berkeley.
One-story 3-room dwelling.
Owner—James Daly, 1549 Oregon, Berk.
Architect—None. \$1000

DWELLING

(3904) NO. 2142 STUART, Berkeley.
One-story 4-room dwelling.
Owner—M. W. Crocker, 2146 Stuart St.,
Berkeley.
Architect—None. \$1800

ADDITION

(3905) UNIVERSITY AVE. & THIRD
Berkeley. Two-story brick and con-
crete addition to factory.
Owner—El Dorado Oil Co., premises.
Architect—None.
Contractor—McDonald & Kahn, 130
Montgomery St., S. F. \$10,000

ALTERATION

(3909) NO. 425 VAN DYKE. Alteration.
Owner—Geo. W. Leisz, premises.
Architect—None.
Contractor—J. C. Ballard, 2626 13th
Ave. \$1500

DWELLING

(3910) E HUMBOLDT 260 N DAVIS.
One-story 4-room dwelling.
Owner—W. W. Hetman, 1749 81st Ave.
Architect—None. \$1800

DWELLING

(3911) NO. 3747 ELSTON. One-story 5-
room dwelling.
Owner—B. S. Reiwerts.
Architect—None.
Contractor—O. M. Bullock, 303 Hudson
Street. \$3500

DWELLING

(3912) N LERIDA NO. 498 E ROSAL.
One-story 6-room dwelling.
Owner—Sara M. Gillespie, 2830 Cherry
St., Berkeley.
Architect—None.
Contractor—M. Gillespie, 2830 Cherry
St., Berkeley. \$6000

DWELLING

(3913) S EL CENTRO 300 E PARK
Blvd. One-story 5-room dwelling.
Owner—E. L. Furlong, 665 31st St.,
Berkeley.
Architect—None.
Contractor—S. F. Furlong, 61 Echo
Ave. \$1950

ALTERATION

(3914) NO. 5405 LAWTON AVENUE
Alterations.
Owner—Miss Wayne, premises.
Architect—None.
Contractor—A. R. Johnson, 1860 E 14th
St., San Leandro. \$1000

VENTILATING SYSTEM

(3918) SE FRANKLIN 358 NE 11th
NE 54th St. 150, Oakland. All work
for ventilating system.
Owner—Mrs. H. H. Crane, Jennie M.
Hammond, Mrs. S. G. Hammond &
E. F. Cuelin.
Architect—A. Reinhold Denke, Dalziel
Bldg., Oakland.
Contractor—Scott Co., ctns., 381 11th
St., Oakland.
Filed Sept. 6, '22. Dated Aug. 31, '22.
On 4th of each month..... 75
Usual 35 days..... 25
TOTAL COST, \$102
Bond, none. Limit, as soon as possible
Fenfil, none. Plans and specifications
filed.

DWELLING

(3919) LAKESHORE HILLS TRAC-
Blk "F" Lot 3, Oakland. All work
for five-room frame dwelling.
Owner—Eva Nelson.
Architect—None.
Contractor—Fred J. Westlund
Filed Sept. 8, '22. Dated Sept. 8, '22.
Rafters up 1
1-st coat plaster on..... 4
Completed 4
Usual 55 days..... 4
TOTAL COST, \$1800
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

FACTORY

(3920) LOTS 11 AND 12 Map Avery
Tract, Berkeley. All work for
factory.
Owner—Otto Ewald Kawl, Berkeley.
Architect—None.
Contractor—Floyd E. Townsend, Eklis
Filed Sept. 11, '22. Dated Sept. 6, '22.
Foundation in \$250
Roof sheathed 500
Frames set 400
Completed 250
30 days after..... 500
TOTAL COST, \$2000
Bond, limit, forfeit, plans and specifi-
cations, none.

DWELLING

(3915) S WALNUT 160 W RENWICK
One-story 5-room dwelling.
Owner—P. R. Devare, 2409 25th Ave.,
Berkeley.
Architect—None. \$3500

DWELLING

(3916) N MAINE 200 W MAPLE: S
Maine 200 W Maple. One-story 5-
room dwelling.
Owner—Chas. P. McCoy, 4314 Vein St.,
Berkeley.
Architect—None. \$2500

ADDITION

(3917) NO. 2956 TELEGRAPH. Addi-
tion.
Owner—J. T. Stone, premises
Architect—None. \$1500

DWELLING

(3921) NO. 1129 AMADOR, Berkeley.
Two-story 6-room dwelling.
Owner—C. J. Krieger, 2930 Harper St.,
Berkeley.
Architect—None. \$5500

STORES

(3922) NO. 2479 TO 2489 SHATTUCK
Ave., Berkeley. One-story concrete
stores.
Owner—Mrs. John Fay.

Associated James W. Plachok, 2014
Shattuck Ave., Berkeley.
Contractor—J. P. Brennan, 2110 Shat-
tuck Ave., Berkeley. \$25,000

SHATTUCK

SHATTUCK & PARKER.
Berkeley oil station.
Oil station related Oil Co.
Architect—None. \$1750

DWELLING

(3924) E SEMINARY AVE., 80 N.
Ocean St., Oakland. One-story 4-
room dwelling.
Owner—E. H. Hook, 1241 Naples St.,
San Francisco.
Architect—None.
Contractor—H. C. Tollefsen, 836 Mead
Ave., Oakland. \$2125

ELEVATOR

(3925) S E COR. 13th & WASHING-
ton Sts., Oakland. Pass elevator.
Owner—Samuel Upright, premises.
Architect—None.
Contractor—Otis Elevator Company,
San Francisco. \$5000

DWELLING

(3926) S WALLA VISTA 150 W Lake-
shore. One-story 5-room dwelling.
Owner—Leo J. Dolan, Syndicate Bldg.,
Oakland.
Architect—None. \$3775

DWELLING & STORE

(3927) NW COR. THIRTY-EIGHTH &
Market Sts., Oakland. One-story 3-
room dwelling and store.
Owner—H. Silverstein.
Architect—None.
Contractor—J. T. Kengra, 4116 Ter-
race St., Oakland. \$1500

DWELLING

(3928) NW COR. TWENTY-FIRST &
E 27th, Oakland. One-story 6-room
dwelling.
Owner—Matt Matzell, 2769 26th Ave.,
Oakland.
Architect—None.
Contractor—C. W. Reed, 2534 Pleasant
St., Oakland. \$3800

DWELLING

(3929) W GARDEN 280 N E 27th St.,
Oakland. One-story 5-room dwlg.
Owner—Karyn Robinson.
Architect—None.
Contractor—E. T. Matteson, 3629 La-
guna Ave., Oakland. \$3000

GARAGE

(3930) 1858 E TWENTY-SEVENTH
Oakland. Concrete garage.
Owner—Samuel Handar, premises.
Architect—None.
Contractor—W. T. Nelson. \$1000

DWELLING

(3931) S ANNESLEY WAY 325 W
Spring, Oakland. One-story 6-room
dwelling.
Owner—G. W. Muther, 347 41st, Okd.
Architect—None. \$4500

DWELLING

(3932) S ARMANINO, 200 E College
Ave., Oakland. Two-story 5-room
dwelling.
Owner—Frank Armanino.
Architect—None.
Contractor—G. Armanino, 29 Armanino
St., Oakland. \$4000

DWELLING

(3933) W THOMAS 25 N Napa, Oak-
land. One-story 5-room dwelling.
Owner—A. J. Lane.
Architect—None.
Contractor—Dexter Darling, 441 Bever-
ly Ave., Oakland. \$4800

DWELLING

(3384) S BROADWAY TERRACE Opp. Carlton St. Oakland. One-story 6-room Dwelling.
Owner—M. Page, 2060 55th Ave., Okd.
Architect—None. \$5000

DWELLING

(3335) W SHATTUCK 60 S 57th St., Oakland. One-story 6-room dwlg.
Owner—Coit Inv. Co., 306 14th St., Okd.
Architect—None.
Contractor—Roger Coit, 306 14th St., Oakland. \$3950

DWELLING

(3295) W LINCOLN 35 N Hearst, Oakland. One-story 5-room dwelling.
Owner—Hughes & Beyronther, 582 Williams, Oakland
Architect—None \$3000

ELEVATORS

(3357) PTN PLOTS 10, 12, 14, 16 Map Rancho Arroyo de la Alameda Washington Tr. All work for two automatic elevators.
Owner—Masonic Homes of Calif.
Architect—Wm. Mooser and Edw. G. Delfs, Nevada Bank Bldg., S. F.
Contractor—C. W. Fitzpatrick and E. S. Merrow (Pacific Elevator & Equipment Co.), 1129 Howard St., San Francisco.

Filed Sept. 12, '22. Dated May 18, '22
On 1st and 15th of each month 75¢
Usual 55 days. \$250
TOTAL COST, \$9487
Bond, \$4745. Surety, Republic Casualty Co. Limit, 214 days. Forfeit, \$10 a day. Plans and specifications filed.

(3288) PAINTING ON ABOVE.

Contractor—Joseph J. Burdon, 1425 McDonald Ave., Richmond.
Filed Sept. 12, '22. Dated Aug. 25, '22.
Payments same as above. \$15,985
Bond, \$8000. Surety, National Surety Co. Limit, 214 days. Forfeit, \$10 a day. Plans and specifications filed.

(3439) MARBLE WORK ON ABOVE.

Contractor—P. Grassi & Co., 135 Tebana St., San Francisco.
Filed Sept. 12, '22. Dated Aug. 8, '22.
Payments same as above. \$9500
TOTAL COST, \$9500
Bond, \$4750. Surety, New Amsterdam Casualty Co. Limit, 214 days. Forfeit, \$10 a day. Plans and specifications filed.

(3910) FLOOR AND WALL TILE work on above.

Contractor—Mangrum & Otter, 561 Mission St., San Francisco.
Filed Sept. 12, '22. Dated June 8, '22.
Payments same as above. \$6775
Bond, \$3390. Sureties, A. S. Mangrum and G. D. Clark. Limit, 214 days. Forfeit, \$10 a day. Plans and specifications filed.

PLATS

(2311) NO. 1739-41 BERKELEY WAY Berkeley. Two-story 16-room flats.
Owner—M. E. Cramer, 1415 Bancroft Way, Berkeley.
Architect—None.
Contractor—Frank L. Walton, 1210 Masonic Ave., Berkeley. \$6000

DWELLING

(3342) NO. 2110 CURTIS, Berkeley. One-story 5-room dwelling.
Owner—J. J. Salo.
Architect—None.
Contractor—Aino Niska, 1137 Allston Way, Berkeley. \$2600

DWELLING

(3343) NO. 1017 MARINOSA, Berkeley. Two-story 8-room dwelling.
Owner—C. E. Carlson, 2919 Benvenue Ave., Berkeley
Architect—None. \$6500

ADDITION

(3244) NO. 705 ALAMEDA AVE., Berkeley. Addition.
Owner—Allan P. Mathew, Premises.
Architect—None.
Contractor, Matt L. Koski, 35 Ramona Ave., Oakland. \$4000

DWELLING

(3245) NO. 1017 DORIS COURT, Alameda. One-story 5-room dwlg.
Owner—G. H. Noble, 2205 Santa Clara Ave., Alameda.
Architect—None. \$3500

DWELLING

(3216) NO. 3227 BAYO VISTA AVE., Alameda. One-story 5-room dwelling.
Owner—J. C. Trempe, 3108 Central Ave., Alameda
Architect—A. Froberg, 369 Pine St., San Francisco
Contractor—L. Atkinson, 2719 Grove St., Alameda. \$3000

GARAGE

(3247) NO. 1200 PARK ST., Alameda. Garage.
Owner—Garbuck Bros.
Architect—None.
Contractor—Conrad Roth. \$2000

DWELLING

(3248) NO. 2717 SANTA CLARA AVE., Alameda. One-story 6-room dwlg.
Owner—Lillian Petersen, 2590 San Jose Ave., Alameda.
Architect—None.
Contractor—Geo. W. King, 2054 Alameda Ave. Alameda. \$5200

(3449) S BROOKWOOD RD. 60 E Stratford Rd., Oakland. One-story 6-room dwelling.

Owner—W. J. Baker, 2251 Ransom Ave., Oakland.
Architect—None. \$4750

DWELLING

(3350) SW COR. BROADWAY AND Kates, Oakland. One-story 6-room dwelling.
Owner—C. J. Pfirang, 180 Forest St., Oakland.
Architect—None. \$6500

DWELLING

(3253) N COUNTY RD. Nr. Joaquin Miller Park, Oakland. 1½-story 5-room dwelling.
Owner—Chas. H. Prinz, R. F. D. Box 464 Fruitvale.
Architect—None \$1600

DWELLING

(3252) E EDGEWOOD 85 S El Centro, Oakland 1½-story 7-rm. dwlg. land, 1½-story 7-room dwelling.
Owner—E. A. Sprague, 1610 89th Ave., Oakland.
Architect—None.
Contractor—J. E. Sprague, 2022 Franklin, Oakland. \$4000

DWELLING

(3253) N EXCELSIOR Opp. Spruce, Oakland. Two-story 7-room dwlg.
Owner—Geo. J. Bohlen.
Architect—None.
Contractor—C. W. Short, 574 Rosal Ave., Oakland. \$7800

DWELLING

(3254) N FORTY-SIXTH ST. 360 E West St., Oakland. One-story 3-rm. dwelling.
Owner—Mrs. Lucie Batten, 1911 Ashby Ave., Berkeley.
Architect—None.
Contractor—A. T. Batten, 1911 Ashby Ave., Berkeley. \$2000

ALTERATION

(3255) 567 FOURTEENTH, Oakland. Alteration.
Owner—Jackson Furniture Co., 1305 Clay St., Oakland.
Architect—None. \$1500

GARAGE

(3256) N COR. GRAND and Staten, Oakland. One-story conc. garage.
Owner—W. B. Johnson.
Architect—None.
Contractor—Jas. T. Narbett, Richmond. \$1000

DWELLING

(3257) E HEARN ST 435 S Chabot, Oakland. One-story 5-room dwlg.
Owner—Lucille Theim, 6411 Telegraph, Oakland.
Architect—None.
Contractor—J. L. Rankin, 6082 Claremont, Oakland. \$3200

DWELLING

(3258) W LINWOOD 300 S Hampel, Oakland. One-story 5-room dwlg.
Owner—Geo. B. Davis, 3283 Hyde St., Oakland.
Architect—None. \$3600

DWELLING

(3259) E OPAL ST. 100 S 42nd St., Oakland. One-story 5-room dwlg.
Owner—W. T. Vaughn, 381 51st St., Oakland.
Architect—None. \$1000

DWELLING

(3260) S SAN JUAN 105 W 40th Ave., Oakland. One-story 4-room dwlg.
Owner—Alice Graves, 4025 Mera, Okd.
Architect—None.
Contractor—H. D. Graves, 4025 Mera, Oakland. \$2500

DWELLING

(3261) N E-SIXTEENTH ST. 50-75 N 11 Ave., Oakland. Two 1-story 4-rm dwellings.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None.
Contractor—W. C. Taylor, 1901 69th Av., Oakland. \$2900

DWELLING

(3262) E TWENTY-FIRST 60 N E 27th St., Oakland. One-story 5-rm dwlg.
Owner—G. Watkins, 2151 E 24th St., Oakland.
Architect—None. \$2900

DWELLING

(3263) E THIRTY-SEVENTH AVE. N E 11th St., Oakland. One-story 5-rm dwelling.
Owner—F. Ferreria, Princess Court, Oakland.
Architect—None.
Contractor—H. L. Valleroy, 3636 Maple Ave., Oakland. \$2850

DWELLING

(3264) E WILSON AVE. 140 N Hopkins, Oakland. One-story 3-room dwelling.
Owner—Mrs. E. J. Viets.
Architect—None.
Contractor—L. E. Van Ness, Box 433A R. F. D. No. 1, Okd. \$1975

DWELLING

(3265) W VICKSBURG 150 S 50th Ave, Oakland. One-story 5-room conc. dwelling.
Owner—J. C. Glimm, 1315 Fruitvale Av., Oakland.
Architect—None.
Contractor—R. O. McCline, 1315 Fruitvale Ave., Oakland. \$3000

(3266) S E FRANKLIN ST. 398 N E 14th St. N E 54 S E 150, Oakland.

Elec. work for two-story concrete cafeteria.
Owner—Mrs. H. H. Crane, Jennie M. Hammond, Mrs. S. G. Hammond, E. F. Chuenin (Colonial Cafeteria Co.).
Architect—A. Reinhold Denke, Danziel Bldg., Oakland.
Contractor—H. S. Tittle, 766 Folsom St. San Francisco.

Filed Aug. 13, 1922. Dated Aug. 12, 1922.
4th day each month.....75%
Usual 35 days.....25%
TOTAL COST, \$2750

Bond, none; sureties, none; forfeit, none; limit, as soon as possible; plans and specifications filed.

DWELLING
(3967) NO. 28 FAIRVIEW AVE., Piedmont. One-story 6-room dwelling.
Owner—C. W. Linge, 1522 Farru St., Alameda.
Architect—None.
Contractor—S. Morris, 1124 Jefferson St., Oakland.
\$5100

DWELLING
(3968) NO. 107 RAMONA AVE., Piedmont. One-story 6-room dwelling.
Owner—H. L. Thompson, 685 62nd St., Piedmont.
Architect—None.
Contractor—W. M. Myers.
\$5100

DWELLING
(3969) NO. 86 CAMBRIDGE WAY, Piedmont. One and one-half-story 6-room dwelling.
Owner—Mrs. C. Walsh.
Architect—None.
Contractor—C. M. Macgregor, 470 13th St., Oakland.
\$6350

DWELLING
(3970) NO. 20 HIGHLAND AVE., Piedmont. Two-story 7-room dwelling.
Owner—C. Holmum, 42 Highland Ave., Piedmont.
Architect—None.
Contractor—C. M. Macgregor, 470 13th St., Oakland.
\$6950

DWELLING
(3971) NO. 327 HIGHLAND AVE., Piedmont. One-story 6-room dwlg.
Owner—Prof. Nesbit.
Architect—None.
Contractor—H. E. Irish, 2535 55th Ave., Oakland.
\$2250

DWELLING
(3972) NO. 545 MORAGA AVE., Piedmont. Two-story 9-room dwelling.
Owner—J. H. Gillard, Bank of Italy Bldg., Oakland.
Architect—None.
Contractor—W. J. Wilkinson, 1st Savings Bank Bldg., Oakland.
\$6000

DWELLING
(3973) NO. 49 JEROME AVE., Piedmont. One-story 6-room dwelling.
Owner—Justus Norris, 423 Hill Lane, Oakland.
Architect—None.
\$5500

DWELLING
(3974) NO. 150 DALE AVE., Piedmont. One-story 5-room dwelling.
Owner—W. M. Dutton.
Architect—None.
Contractor—C. H. McKibben, 1548 13th Ave., Oakland.
\$5100

DWELLING
(3975) NO. 415 MORAGA AVE., Piedmont. One-story 5-room dwlg.
Owner—Guy Taylor, 1421 Market St., Oakland.
Architect—None.
\$5500

DWELLING
(3976) NO. 419 MORAGA AVE., Piedmont. One-story 6-room dwelling.
Owner—Guy Taylor, 1421 Market St., Oakland.
Architect—None.
\$5500

DWELLING
(3977) NO. 425 MORAGA AVE., Piedmont. One-story 6-room dwelling.
Owner—Guy Taylor, 1421 Market St., Oakland.
Architect—None.
\$5500

DWELLING
(3978) NO. 129 RAMONA AVE., Piedmont. One-story 5-room dwlg.
Owner—J. Whitehouse.
\$2900

Architect—None.
Contractor—J. L. Rich, 943 42nd St., Piedmont.
\$5100

DWELLING
(3979) NO. 18 MANOR DRIVE, Piedmont. One and one-half-story 7-room dwelling.
Owner—W. J. Dowell, 1486 8th St., Oakland.
Architect—None.
\$6500

DWELLING
(3980) NO. 1613 GRAND AVE., Piedmont. One-story 7-room dwelling.
Owner—T. A. Reddall, 3675 38th Ave., Oakland.
Architect—None.
\$6000

DWELLING
(3981) NO. 100 SPRING AVE., Piedmont. One-story 6-room dwelling.
Owner—M. A. Rose, 5801 Dover St., Oakland.
Architect—None.
\$5000

DWELLING
(3982) NO. 162 SPRING AVE., Piedmont. One-story 6-room dwelling.
Owner—M. A. Rose, 5801 Dover St., Oakland.
Architect—None.
\$5000

DWELLING
(3983) NO. 1670 GRAND AVE., Piedmont. One and one-half-story 7-room dwelling.
Owner—E. Field, 1st Savings Bank Bldg., Oakland.
Architect—None.
\$5500

DWELLING
(3984) NO. 1046 HARVARD ROAD, Piedmont. One-story 6-room dwlg.
Owner—P. E. Woodburn, 3965 Greenwood, Oakland.
Architect—None.
\$5100

DWELLING
(3985) NO. 118 GREENBANK AVE., Piedmont. One-story 5-room dwlg.
Owner—J. M. Bonshau.
Architect—None.
\$3500

RESIDENCE
(3986) NO. 228 HILLSIDE AVE., Piedmont. Two-story 11-room residence and garage.
Owner—R. C. Warner, 210 Hillside Ave., Piedmont.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor—Alfred Petersen, 3918 Linwood Ave., Oakland.
\$30,000

(3987) NO. 1136 DWIGHT WAY, Berkeley. One-story 4-room dwelling.
Owner—Andrew Lundgren, 2334 Curtis St., Berkeley.
Architect—None.
\$2000

DWELLING
(3988) NO. 931 FRESNO ST., Berkeley. One-story 5-room dwelling.
Owner—Raymond D. Price, 1734 Tacoma St., Berkeley.
Architect—None.
\$3600

DWELLINGS
(3989) NO. 1601-1605-1607 AND 1611 Berkeley Way, Berkeley. Four 1-story 5-room dwellings.
Owner—P. E. Marquis, 1023 Oxford St., Berkeley.
Architect—None.
\$2800 each

DWELLING
(3990) W WALLACE 286 S Ward, Berkeley. One-story 5-room dwlg.
Owner—Chas. A. Werner, 2416 10th St., Berkeley.
Architect—None.
\$2000

DWELLING
(3991) SE COR. THIRTY-SEVENTH Ave. and E-10th St., Oakland. One-story 4-room dwelling.
Owner—F. L. Denker, 940 37th Ave. Okd.
Architect—None.
Contractor—Merton Cox, 940 37th Ave., Oakland.
\$2900

DWELLING
(3992) N REDDING 75 W 38th Ave., Oakland. One-story 4-room dwlg.
Owner—J. H. Norlin, 922 Union St., Okd.
Architect—None.
\$1800

DWELLING
(3993) N HUBERT RD. 250 W Hubert 134, Oakland. Two-story 6-rm dwlg.
Owner—Mrs. N. C. Lowe, 717 Walker Ave., Oakland.
Architect—None.
\$5000

ADDITION
(3994) 2871 GLASCOCK, Oakland. Addition.
Owner—Gus Hantio, 2877 Glascock, Okd.
Architect—None.
\$1000

ADDITION
(3995) 474 ELVD WAY, Oakland. Addition.
Owner—J. H. Lesser, premises.
Architect—None.
Contractor—Alfred Petersen, 3918 Linwood, Oakland.
\$2500

DWELLING
(3996) S DALE PLACE 200 W Minna, Oakland. One-story 5-room dwlg.
Owner—J. F. Stollzing, Dale Place, Okd.
Architect—None.
Contractor—J. B. Bishop, 811 Adams St., Albany.
\$2800

DWELLING
(3997) S BIRCH ST. 144 W 96th Ave., Oakland. One-story 4-room dwlg.
Owner—Nora Highstone, 337 Holloway Ave., Oakland.
Architect—None.
Contractor—J. H. Highstone, 337 Holloway, Oakland.
\$1500

ALTERATION
(3998) NO. 526 SIXTEENTH ST., Oakland. Alterations.
Owner—Dr. Harry Spiro, 212 Stockton St., San Francisco.
Architect—None.
Contractor—Payliss & Sheridan, 351 11th St., Oakland.
\$3000

FLATS
(3999) E RAND 100 S Wickson, Oakland. Two-story 12-room flats.
Owner—P. Bahr.
Architect—None.
Contractor—Edw. Larmer, 90 Fairview Ave., Piedmont.
\$9150

DWELLING
(4000) N E COR. CLAREMONT AVE. and Tanglewood Rd., Oakland. Two-story 9-room dwelling.
Owner—Wm. A. Cowell, 2706 Claremont Ave., Oakland.
Architect—None.
Contractor—C. C. Williams 1524 Franklin St., Oakland.
\$11,800

ALTERATIONS
(4001) NW COR. TWENTIETH ST & Telegraph Ave., Oakland. Alter.
Owner—Berla L. and Jennie W. Snook.
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.
Contractor—F. W. Maurice, 1362 E-25th St., Oakland.
Filed Aug. 14, 1922. Dated Aug. 12, 1922.
Completed and accepted75%
Usual 35 days25%
TOTAL COST, \$5485
Bond, \$2743; sureties, Globe Indemnity Co.; forfeit, none; limit, 26 days; plans and specifications filed.

DWELLING
(4002) LOT 159 MAP NOVA, Piedmont. All work for One-story 7-room dwelling.
Owner—Alice P. Lawrence, 630 Lincoln Alameda.
Architect—None.
Contractor—F. L. Burnett, 745 Alleen, Oakland.

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2,500 and Over Reported

DWELLING, one-story 5-room and garage, \$4850; No. 841 41st St., Sacramento; owner, Anna E. Williams.
DWELLING, one-story 5-room and garage, \$4000; No. 3933 U St., Sacramento; owner, Geo. D. Prather, Premises.
DWELLING, 1-story 4-room, \$3000; 2728 O St., Sacramento; owner, Mr. Lohmeyer, 1827 F St., Sacramento; contractor, W. C. Keating, Capital National Bank Bldg., Sacramento.

LIENS FILED

SACRAMENTO COUNTY.

Recorded Amount
Sept. 8, 1922—W 53.48 FT. LOT 6334, Hillcrest Park, Sacramento. Cutler Mill & Supply Co vs Archaer Stephens \$172.58

BUILDING CONTRACTS

FRESNO COUNTY.

\$5000 and Over Reported

DWELLING, \$6800; No. 4049 Kerechhof Ave., Fresno; owner, C. E. Bradford, Cory Bldg., Fresno; contractor, C. E. Buckmaster, 4112 Platt Ave., Fresno.
DWELLING and garage, \$5000; No. 826 Terrace Ave., Fresno; owner, R. A. Hawthorne, 851 Glenn St., Fresno; Contractor, C. E. Buckmaster, 4112 Platt Ave., Fresno.
DWELLING, \$5423; 1417 Mariposa St., Fresno; owner, J. H. Koch, 1104 E St., Fresno; contractor, W. H. Minard, 319 Abby St., Fresno.
DWELLING, \$10,000; No. 1110 N-Van Ness Ave., Fresno; owner, P. Enochian, 2737 McKenzie St., Fresno; contractor, R. E. Stump, 317 N-Angus St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY.

Recorded Accepted
Sept. 7, 1922—LOTS 1 TO 7 BLK 26, Fresno. Jersey Farm Dairy to whom it may concern. Sept. 6, 1922
Sept. 7, 1922—LOTS 17 AND 18 BLK 18, College Park, Fresno. Samuel Z Todd et ux to whom it may concern. Sept. 5, 1922
Sept. 7, 1922—LOT 7 Ventura Heights No. 2, Fresno. E. F. Johnson to whom it may concern. Sept. 1, 1922
Sept. 7, 1922—E ½ of LOT 21, Normal Villa, Fresno. A T Holman to whom it may concern. Sept. 6, 1922
Sept. 7, 1922—LOT 43 W ½ LOT 44 also building on Lot 45 E ½ of LOT 44 BLK 5, Torrance Terrace, Fresno. C S Goodenough to whom it may concern. Sept. 6, 1922
Sept. 8, 1922—LOT 177, Forkner Pig Gardens, Fresno. Chas E Causey to whom it may concern. July 22, '22
Sept. 8, 1922—LOTS 11 AND 12 BLK 2, German Addition, Fresno. Reinhardt Wiesner to whom it may concern. Sept. 2, 1922
Sept. 8, 1922—SE YOSEMITE AND Belmont Ave., Fresno. Clara Utkin to whom it may concern. Sept. 1, 1922
Aug. 11, 1922—LOTS 19-20 BLOCK 7 High Add. G. W. Black to whom it may concern. Sept. 7, 1922
Sept. 11, 1922—LOTS 36-37, BLOCK 3 Sierra Vista Add. A. C. Streimlacker to whom it may concern. August 12, 1922
Sept. 11, 1922—LOTS 7-8, TEMPLE Park, Fresno. Edwin Myers to whom it may concern. Sept. 8, 1922

LIENS FILED

FRESNO COUNTY

Recorded Amount
Sept. 7, 1922—PTN LOTS 3, 4 AND 5 Blk 18, Wilson North Fresno Tct., Fresno. Madarys Planing Mill, \$2267, M Kellner & Son Lumber Co, \$1840 vs A P Wilson.....
Sept. 8, 1922—PTN LOTS 2, 4 AND 5 Blk 18, Wilson North Fresno Tct., Fresno. O L Durgin vs A P Wilson.....\$663
Sept. 8, 1922—1 TN LOTS 3, 4 AND 5 Blk 15, Wilson North Fresno Tct., Fresno. J D Shoro & J F Neads vs A P Wilson.....\$866 and \$157
Sept. 8, 1922—LOTS 33 AND 34 BLK 19, College Park, Fresno. L Rosenberg vs Pearl E Foss.....\$401
Sept. 8, 1922—LOT 33, Normal Villa, Fresno. L Rosenberg vs H N & Foss\$498
Sept. 11, 1922—N ½ OF NW ¼ OF Sec. 27, Fresno. L Rosenberg vs. Paul Papazian & Selma Land Co.....\$539
Sept. 11, 1922—LOTS 31-32, BLOCK Forkner Pig Gardner Sub. 1, Fresno. L. Rosenberg vs. W. L. Armstrong\$803
Sept. 11, 1922—LOTS 31-32, BLOCK 26 Fowler, Fresno. L. Rosenberg vs. K. Najarian\$205

BUILDING CONTRACTS

SANTA CLARA COUNTY

\$1,000 and Over Reported

DWELLING
HANCHETT RESIDENCE PARK, San Jose. All work for one-story frame dwelling.
Owner—Dr. Lee F. Morton, 1st National Bank Bldg., San Jose.
Architect—None.
Contractor—H. A. Bridges, Pine and Lincoln Sts., San Jose.
Filed Sept. 7, '22. Dated Sept. 6, '22.
Frame up and boarded.....\$56.25
1st coat plaster on.....\$56.25
Building completed\$56.25
Usual 35 days.....
TOTAL COST, \$3425.00
Bond, none. Limit, within the space of 76 days. Forfeit, none. Plans and specifications filed.
DWELLING
SIERRA ROAD AND CAPITOL AVE., San Jose. All work for dwelling.
Owner—Joe Scimeca, Capitol Ave., San Jose.
Architect—None.
Contractor—McGna & Newell, 864 N-17th St., San Jose.
Filed Sept. 7, '22. Dated Aug. 8, '22.
Foundation laid\$730
All rough in. ready for plaster. 730
Plaster finished 730
Upon completion 730
Usual 35 days.....
TOTAL COST, \$3650
Bond, none. Limit, 90 working days. Forfeit, none. Specifications only filed

PIERCE-BOSQUIT
Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

RESIDENCE

SIX MILES NW OF MORGAN HILL.
All work for one-story frame residence.

Owner—Peter Feller, Morgan Hill, Cal. Architect—Wolfe & Higgins, Auzares Bldg., San Jose.
Contractor—John Gales.
Filed Sept. 7, '22. Dated Sept. 2, '22.
1-st coat plaster on.....\$887.50
Completed and accepted.....\$87.50
Usual 35 days.....\$87.50
TOTAL COST, \$2662.50
Bond, \$1331.35. Sureties, S. H. Chase and Geo. H. Martin. Limit, 40 working days from Sept. 2, 1922. Forfeit, none. Plans and specifications filed.

REPAIRS

SAN JOSE. All work for certain repairs to roof of Railroad's Griffin-Shelly Warehouse.
Owner—Southern Pacific Co., S. F.
Contractor—B. S. Harris, 329 Clementina, San Francisco, Cal.
Filed Sept. 5, 1922. Dated July 20, 1922.
As work progresses......75%
35 days after filing notice of completion25%
TOTAL COST, \$1238.40

Bond, \$928.80; Sureties, New Amsterdam Casualty Co.; forfeit, none; limit, 30 days from date of commencement; contract filed Sept. 5, 1922.

DWELLING

PALO ALTO. All work for one-story dwelling and garage.
Owner—Mr. and Mrs. Vernon M. Cady, Palo Alto.

Architect—None.
Contractor—Wells P. Goodenough, 435 Tennyson St., Palo Alto.
Filed Sept. 2, '22. Dated Aug. 17, '22.
Frame up and completed.....25%
Plastering completed25%
Building completed25%
Usual 35 days.....25%
TOTAL COST, \$2500
Bond, \$2000. Sureties, W. P. Gray and Z. T. Thorning. Limit, 45 days after work is started. Forfeit, none. Plans and specifications filed.

STEAM HEATING

SAN JOSE. All work for steam heating and ventilating system.
Owner—The Society of Practical Christianity of San Jose.
Architect—Binder & Curtis, 255 ½ S-1st St., San Jose.
Contractor—P. J. Enright, 2720 McAllister St., San Francisco.
Filed Sept. 2, '22. Dated Aug. 31, '22.
As work progresses.....75%
Usual 35 days.....25%
TOTAL COST, \$8072

Bond, \$4036. Sureties, L. M. Sprague and Charles E. Gee. Limit, 150 days after painters finish in building is completed. Forfeit, none. Plans and specifications filed.

APARTMENTS

NE COWPER AND ADDISON AVE., Palo Alto. All work for one-story two-family apartment house.
Owner—Janet C. Cobbe, Palo Alto.
Architect—Birge M. Clark, Stanford University, Palo Alto.
Contractor—The Minton Co., Mountain View.
Filed Sept. 11, '22. Dated Sept. 5, '22.
Frame completed, roof sheathed and brick chimney in.....\$1700
Plumbing, electrical and mill work in 1700
Upon completion 1700
Usual 35 days..... 1700
TOTAL COST, \$6800

Bond, \$3400. Sureties, William P. Wright and Margorie Minton. Limit, 90 working days from Sept. 9, 1922. Forfeit, none. Plans and specifications filed.

GARAGE

GILROY. All work except electric work for one-story concrete garage bldg. Owner—Miss Marion I. Ellis, Gilroy.

Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—William Radtke, Gilroy.
Filed Sept. 8, '22. Dated Sept. 5, '22.
As work progresses..... 75%
Usual 35 days..... 25%
Bond, \$5,128. Surety, National Surety Co. Limit, 90 working days from Sept. 5, 1922. Forfeit, none. Plans and specifications filed.

GYMNASIUM
PALO ALTO. General contract for girls' gymnasium building.
Owner—Board of Trustees of the Palo Alto Union High School District, Palo Alto.

Architects—Allison & Allison & Birge M. Clark, Stanford University, Palo Alto.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Filed Sept. 11, '22. Dated Sept. 2, '22.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$18,211.
Bond, \$18,211. Surety, Fidelity & Deposit Co. of Maryland. Limit, 120 working days from Sept. 7, 1922. Forfeit, \$5 Plans and specifications filed.

PLUMBING ON ABOVE.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed Sept. 11, '22. Dated Sept. 2, '22.
Payments same as above.....

TOTAL COST, \$2465
Bond, \$2465. Surety, Fidelity & Deposit Co. of Maryland. Limit, as soon as building is ready. Forfeit, \$5 a day Plans and specifications filed

HEATING ON ABOVE.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed Sept. 11, '22. Dated Sept. 2, '22.
Payments same as above.....

TOTAL COST, \$941
Bond, \$472. Surety, New Amsterdam Casualty Co. Limit, as soon as building is ready for heating. Forfeit, \$5 a day. Plans and specifications filed.

COTTAGE, 5 rooms, \$1200; Eighth near St. James, San Jose; owner, J. A. Cuelo; contractor, C. Alexander.

COTTAGE, 3 rooms, \$1500; 11th near Washington, San Jose; owner, A. E. Hansen, 3 S. Lincoln; contractor, Earl Bliss, 243 N 14th St., San Jose
COTTAGE, 4 rooms, \$1200; 150 N. 25th San Jose; owner, Martin Tomasevich; day work.

APT. HOUSE, 2-story, 3 flats, \$10,900, 7th near San Carlos, San Jose; owner, R. J. Butler, 445 S 8th St., San Jose; architect, H. C. Jorgensen, 160 Irving St., San Jose.

ALTERATIONS, \$1500; 279 S. Third, San Jose; owner, Mrs. A. T. McGinty, Ryland Bldg.; contractor, Frank Zingheim, 210 S. 9th St. San Jose.

BUS. BLOCK, 1-story conc., \$9000; S. 1st nr. Margaret, San Jose; owner, E. Levin & Son, 640 S 1st St., San Jose; architect, Chas. McKenzie, Bank of San Jose Bldg., San Jose; contractor, R. O. Summers, 17 N 1st St., San Jose.

CHURCH, 2-story concrete, \$63,750; Fifth nr. Sta. Clara; owner, Christian Assembly; architect, Binder & Curtis, San Jose; contractor, Frank Edmans, 143 N 8th St., San Jose.

COTTAGE, 5 rooms, \$3500; S. 9th near Williams; owner, W. A. Wellington; contractor, W. F. Brown.

ALTER. LOBBY, \$1800; S. First and San Antonio; owner, Jas. A. Beatty, 32 S 13th St., San Jose; contractor, H. A. Bridges, Pine and Lincoln St., San Jose.

COTTAGES, 2 4-room, \$2400 ea.; Fifth and Empire, San Jose; owner, E. Edwards; contractor, C. Carlson, 3 Menker St., San Jose.

TEMP. STAGE & TENT, \$1250; 7th and Sta. Clara, San Jose; owner, Hila Morkan Stock Co.

COTTAGE, 5 room, \$4550; 17th and San Carlos, San Jose; owner, H. O. Larkey; contractor, H. W. Daugherfield, 51 S 22nd St., San Jose.

COTTAGE, 6 room, \$5500; Empire and 13th, San Jose; owner, Wm. Serpa, 497 N. 13th St., San Jose; contractor Wm. H. O'Neil, 500 N 15th St., San Jose.

COTTAGE, 5 room, \$3500; Delmas near Park, San Jose; owner, Hugo Muetze, 246 Alameda, San Jose; contractor, C. S. Collins, 832 Willow St., San Jose.

COTTAGE, 4-rm. \$1950; 23rd & San Fernando; owner, Joe Larsen, 27th and McKee Rd.

COTTAGES, 5 3-room; \$1600 ea.; Locust near Park, San Jose; owner, Carl Maurer, 241 Locust St., San Jose.

COTTAGE, 6 room, \$8815; 19th and Sta. Clara, San Jose; owner, Jno. F. Matty; contractor, A. J. Nielson, 154 S. 20th.

COTTAGE, 4 room, \$1500; St. James nr. 17th, San Jose; owner, J. C. Brown, Berryessa Rd., San Jose.

COTTAGE, 7 room, \$9200; Sta. Clara nr. 14th, San Jose; owner, Louis Orlando, 40 McEvoy, San Jose; architect and contractor, V. Maggio, 750 S 5th St., San Jose.

ALTER. lussners block, \$1850; Santa Clara and Elver Sts., San Jose; agents, Lucker & Co., 2rd and Santa Clara Sts., San Jose; contractor, H. R. Sherman, 528 Chapman St., San Jose.

FACTORY, two-story, \$4500; Auzerais St. near Creek, San Jose; owner, Thos. Keyes, 311 Auzerais St., San Jose; contractor, Wm. Regal, 425 Atlanta St., San Jose.

COTTAGE, \$3650; 11th and Keyes Sts., San Jose; owner, J. Gomez, 151 E. Santa Clara St., San Jose; contractor, E. E. Weldon, 115 N-32nd St.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Accepted
Sept. 5, 1922—GILROY. W S Dow to whom it may concern.....	Sept. 5, 1922
Sept. 5, 1922—NO. 756 S-SIXTH ST., San Jose. R W Hartman to Herbert C Jorgensen.....	Sept. 5, 1922
Sept. 5, 1922—PALO ALTO Rose G Ralcomb to Falc Auto Engineering & Construction Co.....	Aug. 19, 1922
Sept. 7, 1922—JAMES LICK TRACT, San Jose. Ruth O'Neil to William H O'Neil.....	Sept. 5, 1922
Sept. 7, 1922—JAMES LICK TRACT, San Jose. Ruth O'Neil to William H O'Neil.....	Sept. 5, 1922
Sept. 7, 1922—JAMES LICK TRACT, San Jose. Ruth O'Neil to William H O'Neil.....	Sept. 5, 1922
Sept. 7, 1922—JAMES LICK TRACT, San Jose. Ruth O'Neil to William H O'Neil.....	Sept. 5, 1922

LIENS FILED

SANTA CLARA COUNTY

Recorded	Amount
Sept. 5, 1922—NEAR SAN JOSE. Sterling Lumber Co vs Frank Fujii, L W Lowe, S B Lowe, W H Lowe and M R O'Keefe.	\$426.15

RELEASE OF LIENS

SANTA CLARA COUNTY.

Recorded	Amount
Sept. 5, 1922—LOCATION NOT GIVEN. Frank R Cox to Hastings Bros, W Hastings, Charles F Hastings, John T and Mary E Corpstein.....	\$240.04

BUILDING CONTRACTS

SAN MATEO COUNTY

DWELLING
BURLINGAME. All work for one-story dwelling.

Owner—A. B. Collins.
Architect—L. E. White.
Contractor—L. E. White.
Filed Sept. 7, '22. Dated Sept. 7, '22.
4 payments as per mortgage to Mercantile Trust Co.....

TOTAL COST, \$7446.35
Bond, none. Limit, 90 working days. Forfeit, \$10. Plans and specifications filed.

COTTAGE
SAN MATEO. All work for one-story frame cottage.

Owner—Francis Paul and Mary R. Hamilton, San Mateo.
Architect—Herman Krause, Bank of San Jose Bldg., San Jose.
Contractor—R. Caldwell, San Mateo.

Filed Sept. 6, '22. Dated Aug. 29, '22.
Framed \$1125
Plastered 1125
Completed 1125
Usual 35 days..... TOTAL COST, \$4500

Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

RESIDENCE

LOT "D," Selby Tract, Atherton. All work for one-story residence.
Owner—Mrs. Charlie M. Lowenstein, Rummery.

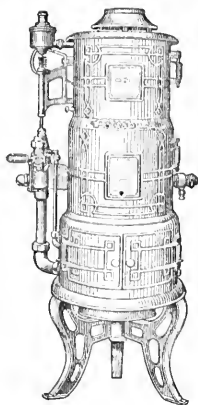
Architect—Luge M. Clark.
Contractor—Geo. Jacobson, Palo Alto
Filed Sept. 13, '22. Dated Aug. 31, '22.
Framed and roofed..... \$1429.75
Brown coated 1429.75
Completed 1429.75
Usual 35 days..... TOTAL COST, \$5719.000

Bond, \$2860. Sureties, C. H. Christensen and Emil Hansen. Limit, 150 working days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded	Accepted
Sept. 6, 1922—BET. COUNTY ROAD and Eruso Ave 742.50 W from Vale St., Colma. M Massaglia to B Milano & Son.....	Aug. 31, 1922
Sept. 6, 1922—W SAN MATEO DRIVE bet. Burlingame and Howard Aves. Burlingame, Cassie D Hitchcock to Thomas J Froederick.....	Aug. 21, 1922
Sept. 6, 1922—NO. 615 DORCHESTER Ave., San Mateo Park, San Mateo. J H Brady to Wm Watson.....	Sept. 1, 1922
Sept. 7, 1922—PTN LOTS 19 AND 20 Blk 47, Easton Addition No. 4, Burlingame. Harry C Browne to whom it may concern.....	Aug. 30, 1922
Aug. 25, 1922—LOT 23 BLK 12, Burlingame Terrace, Burlingame. D riale to whom it may concern.....	Aug. 22, 1922
Aug. 25, 1922—LOT 4 BLK 28, Easton No. 2, Burlingame. Helen MacDonald Minno to H C Lewis & Co.....	August 15, 1922
Aug. 25, 1922—LOT 14 BLK 56, Easton Addition No. 2, Burlingame. Alfred L and Theresa A Moore to Unit Builders.....	Aug. 15, 1922
Sept. 8, 1922—MENLO GRAMMAR School. Menlo Grammar School District to Pte Jensen.....	Sept. 7, 1922
Sept. 8, 1922—LOT 19 BLK 6, Central Addn. San Mateo. Julius C Andersen to Ivar Peterson.....	Sept. 6, '22



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THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

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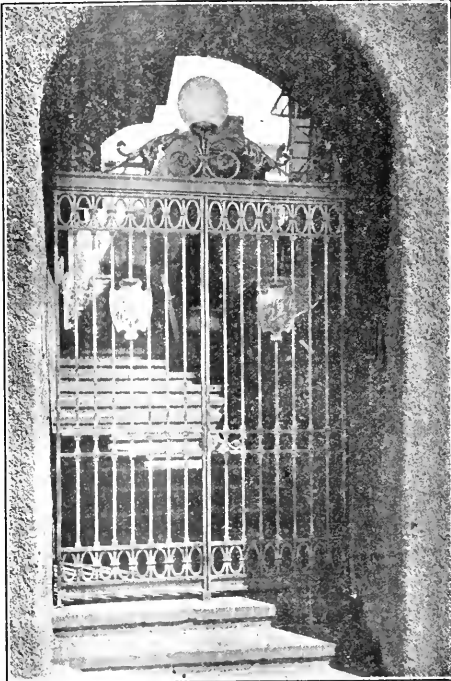
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SAN FRANCISCO, CALIF., SEPTEMBER 23, 1922

Published Every Saturday
Twenty-second Year No. 38

Schumacher

Office
210 American National Bank Building

*Permanence
Economy*

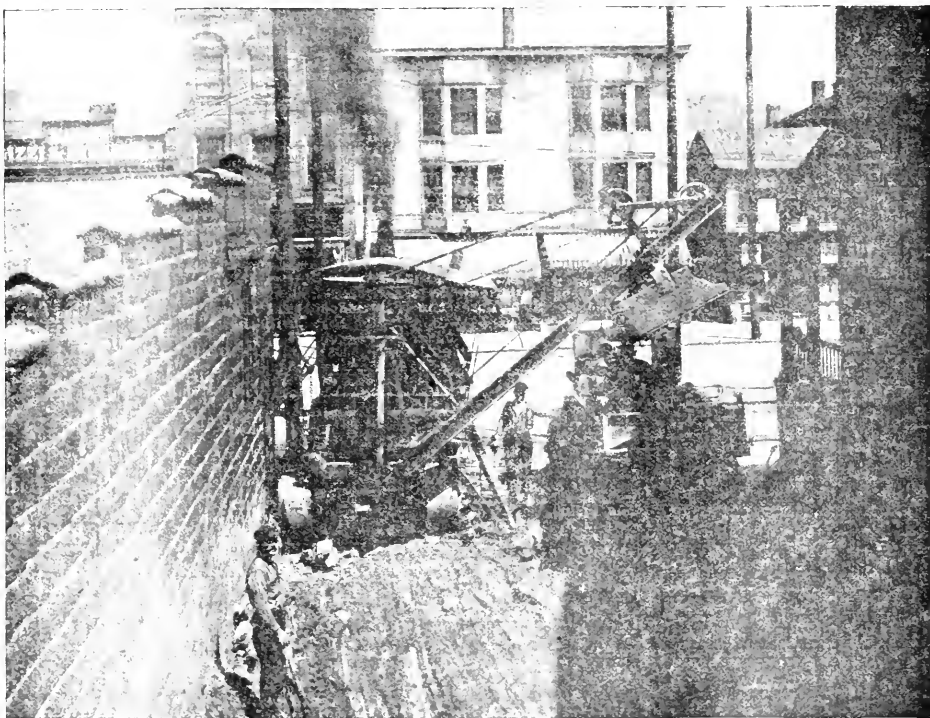
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Comfort*

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HERE is a Cellar Excavation about 20 ft. wide between two buildings.

The Keystone crawled in, with one side-jack lifted, and loaded the material rapidly into trucks, which were spotted as shown.

The $\frac{5}{8}$ -yd. Skimmer Bucket made short work of the yardage.

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., SEPTEMBER 23, 1922

Twenty-second Year No. 38



No. 560 Mission Street,
San Francisco, Calif.

MRS. L. A. LARSEN, Publisher
J. P. FARRELL, Managing Editor

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

Official Paper of Valleys Builders' Exchange

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ENGINEERS' LEAVE FOR ADVANCEMENT OF ENGINEERING IDEALS.

Following the receipt of a message from M. Mowat of London, secretary of the British Institution of Mechanical Engineers, Charles F. Rand, chairman of the Engineering Foundation, announced that the leading engineering societies of England had formed the Engineering Joint Council, which will work with the engineers of the United States and Canada and of the other British possessions to bring about concerted action for world peace and the advancement of engineering ideals "for the good of mankind."

Mr. Rand described the organization of these countries with those of America single unit as a big step forward in the movement to form a world union of engineers, which already has gained great headway in France, Italy, and Czechoslovakia, direct contracts having been established by engineering bodies of these countries with those of America.

Formation of the British Engineering Joint Council, according to Mr. Rand, who with Col. Arthur S. Dwight of the A. I. M. E. was recently decorated by the French Government with the Cross of the Legion of Honor, was one of the results of the trip abroad of a mission of thirteen American engineers, headed by Ambrose Swasey of Cleveland, founder of the Engineering Foundation, to confer the John Fritz gold medal upon Sir Robert Hadfield of London and Eugene Schneider of Paris, head of the Cresus Works.

Organizations represented on the British Council, Mr. Rand said comprise the oldest and most famous of British engineering societies, and include the Institution of Civil Engineers, Institution of Mechanical Engineers, Institution of Naval Architects and the Institution of Electrical Engineers. One of the objects of the British engineers, like the object of the American engineers, is "to secure the better utilization of their services in the country's interests."

PLANS FOR UNIVERSAL ARBITRATION NEARING COMPLETION

Plans for universal arbitration instead of litigation to settle commercial disputes both in the United States and abroad, are rapidly nearing completion, according to A. J. Wolfe, chief of the division of commercial laws of the Department of Commerce.

The combined efforts of the Department of Commerce, trade groups, and bar associations are beginning to get results in the form of a plan, world-wide in its scope, providing for the enactment of a national law in this country and for treaty arrangements to make it effective abroad.

"Never, perhaps, in the history of commerce," says Mr. Wolfe, "has the feeling been so strong that arbitration is the true solution of difficulties arising between honorable merchants both at home and abroad." He attributes the recent epidemic of cancellations as the principal factor which has rallied so much support to the plan. He says "the temptation to escape the hazards of contract by repudiating the contract itself or by seeking refuge in technicalities has been undermining the age-long fundamentals of business intercourse." In his opinion, arbitration offers an equitable substitute for protracted, expensive and friendship-destroying litigation which will work to its greatest advantage in foreign trade transactions wherein the contracting parties are so often thousands of miles apart.

An arbitration law now exists in the State of New York.

PERCENTAGE OF MONEY RECEIVED BY BUILDING MECHANICS

What percentage of money is received by the various kinds of building mechanics? According to figures compiled by the Associated General Contractors of America, based on calculations of the Division of Building and Housing of the Bureau of Standards, the distribution of wages in the construction of wooden and brick residences, was made and from these a distribution representing houses of all kinds was devised, as follows:

	Wood houses	Brick houses	All houses
Carpenters	46.9	32.2	37.0
Laborers	6.3	9.2	8.8
Bricklayers	6.2	21.5	17.4
Plasterers	7.9	8.8	8.5
Plumbers	8.7	7.6	7.9
Painters	10.0	6.3	7.3
Electricians	2.6	2.5	2.6
Hod carriers	2.2	6.7	5.5
All others	6.5	4.5	5.0
Total	100.0	100.0	100.0

SEGREGATED FIGURES WANTED ON MILLION DOLLAR HOTEL BUILDING FOR FRESNO

The R. F. Felchlin Co., Bank of Italy Bldg., Fresno, is taking segregated figures on the new million dollar hotel Californian to be erected in that city. Specifications are now available. Bids are desired on the following branches of work:

Millwork; sheet metal work; reinforcing steel, roofing; ornamental iron; glass and glazing; metal windows; tile work; marble work; ventilation; heating; plumbing; wiring; sprinkler system; refrigeration; elevators; structural steel; painting; excavation; tile roofing; lathing and plastering.

TO START WORK ON \$6,000,000 HYDRO-ELECTRIC PLANT

Work on the \$6,000,000 hydro-electric project at the Portland Railway, Light and Power Co., the contract for which has been let to the Harley-Mason Co., of Portland, Ore., will be started immediately, according to George C. Mason, vice president of the company.

The dam will be on the Oak Grove branch of the Clackamas river, 39 miles beyond Cladara, where the Portland Railway Light & Power Company's present dam is located. A road 26 miles long for bringing supplies has been under construction for some time to the site of the dam. When this is completed preliminary work on the dam, pipe line and power house will be started.

The dam will be of concrete and probably of the gravity type. A half mile of tunnel will run from the intake to the beginning of the pipe line. The pipe line will be seven miles long, of steel pipe nine feet in diameter.

The power house will also be of concrete and will be at Three Lakes. It is estimated that the new project will increase the electrical current available in Portland by 32,000 horsepower. The new plant is expected to be in operation by July 1, 1924.

STANDARD ZONING LAW

A standard law for the assistance of those responsible for the framing of state zoning enabling acts has just been issued by the Department of Commerce. Zoning ordinances for the regulation of use, height and area of buildings are being adopted by cities in almost every state in the Union, and a sound zoning law there is no specific authority for zoning these ordinances may be set aside by the courts. An enabling act is advisable in all cases.

The Department of Commerce made for an enabling act under which municipalities can adopt zoning regulations is a twenty page, mimeographed document with foot notes covering questions which might arise in the wording of various sections and provisions. It is not a Federal law, but a suggested form for state zoning enabling acts.

The publication may be obtained free of charge from the Division of Building and Housing, Department of Commerce, Washington, D. C.

OAKLAND PLANS EXTENSIVE HARBOR IMPROVEMENTS

City Harbor Engineer Ralph Beebe, of Oakland, has prepared preliminary plans for a mile long, 1000-ft. wide municipal mole (cutting through the 289 acres which the Key Route is said to propose to sell to the Southern Pacific) out to deep water. The mole will extend from the foot of Fourteenth St. out to the deep water line, paralleling the S. P. mole at Seventh St. Preliminary plans provide for a solid earth and rock fill 1000 ft. wide and 6000 ft. long. Along the north and southern sides, channels will be dredged 35-ft. deep to allow for ocean going ships. Along the center pier will run an avenue 200 feet wide and 6000 feet long having on each side a strip 400 feet wide for railway tracks. Adjoining each of these will be a row of five-story docks and warehouses.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS



More than \$350,000,000 now is being spent each month throughout the United States in the erection of apartment houses, dwellings, business buildings and other structures, according to official reports to the department of commerce. This indicates an increase of 65 per cent over a year ago in the rate of new buildings as measured by the value of contracts awarded. New floor area is being created at the rate of more than 52,000,000 sq. ft. a month, an advance of 44 per cent over a year ago. High rentals established during the war period and after the armistice are beginning to disappear for business structures and homes. Steady employment is being provided for nearly 5,000,000 skilled and unskilled workers as a result of the improvement in the building trades. Lower rentals for homes and apartments are making possible an increasing buying power on the part of the general public. Washington officials emphasize: Residential construction comprises approximately 46 per cent of all new building, the official returns show. Construction for business and industrial purposes amounts to 30 per cent. Revival of residential construction began first. Building for industrial and general business purposes lagged for many months. This class of work, however, is now increasing at a faster rate than residential. With the increase in building, prices of materials began to rise. Brick, lumber and cement now cost more than a year ago. The general level of prices, however, is still below the high point of 1920. The railroad strike is beginning to hamper construction work. Some contractors fear it may virtually halt the revival in construction work. It is pointed out, however, that the construction season in many sections of the country will be slowed up within 60 days because of bad weather.

High school education does pay; in fact, it will pay the City of Oakdale approximately \$10,000 during the 1923 year, it having been decided that the school's manual training classes will build fixtures for the new Oakdale Union High School instead of contractors, as originally proposed. The contractors' bids were from \$7000 to \$12,000 more than the city could afford to pay. The school board therefore engaged a journeyman carpenter of long experience to assist the regular instructor, and the city expects the work to be done as satisfactorily as by contractors, with the added satisfaction of being able to pocket the difference.

The Associated General Contractors of America are preparing a bill for a statute, compelling officials doing work by day labor to publish on the completion of the work a true itemized account of the cost, including proper overhead and the time of all officials spent on such work. The enactment and enforcement of such a bill in each State will do much to expose the fallacy of the day labor system. The claim is often made by officials doing work by day labor that work can be done more economically by that system than by contract. The facts are otherwise; but it is difficult, if not impossible, to ascertain the real cost of any given project constructed by day labor from the records as now kept, and their value as a comparison to the cost of the same work by contract is valueless.

On the second bidding for the construction of the Santa Lucia river bridge at Uruguay there were eight bidders, of which the lowest, according to nationality, was American, at \$21,000 Uruguayan gold pesos. Commercial Attache Feeley at Buenos Aires reports to the Department of Commerce. The other bids were: Belgian, 700,000 Uruguayan gold pesos; German, \$50,000, and British, 900,000. The bridge will require 3000 tons of fabricated steel.

The Southern Pine Association has published tabulations of production costs which are extremely interesting in the face of present lumber prices. Actual production costs average lower this year than they did last year, and lead to the conclusion that volume production is the cause of reduction. The cost of production, in June, 1921, was \$21.69 per thousand. The average cost for June this year was \$21.63 per thousand. In January this year the production cost was \$21.10 per thousand.

The second editions of Circular 90, "United States Government Specification for Red Lead, Dry and Paste," and Circular 87, "United States Government Specification for Green Paint, Semi-paste and Ready Mixed," are now available for distribution. These publications may be secured from the Superintendent of Documents, Government Printing Office, Washington, D. C.

The John W. Leonard Corp., publishers, 375 Fulton St., Brooklyn, N. Y., has placed on the market "Who's Who in Engineering." The book contains 1509 pages with the personal and professional records of 10,494 engineers. Price \$10 net.

The California supreme court has decided that the U. S. Fidelity & Guaranty Co., insurance carriers for Graham Bros., rock and gravel contractors of Long Beach, must pay \$5000 damages resulting from the death a year ago of Paul E. Conklin, a driver for the firm. A truck driven by Conklin was struck by a Salt Lake train near Signal Hill, causing the fatality. W. L. Pruitt, owner of the truck, was held jointly responsible for the death of the driver by the industrial accident commission. The supreme court held that the owner of the truck could not be held responsible when he received his pay and took orders from the contractors.

The Brick and Clay Record, published in Chicago, is starting a campaign for improving plant conditions in the clay products industry. It comes out with the outspoken policy of advising clay products manufacturers to forego paying 1922 dividends and to use the money which would be so paid in building plants for better and bigger business.

The Western Planing Mill & Woodworking Congress will meet at the Palace Hotel, San Francisco, Nov. 23, 24 and 25.

(Continued on Page 7)

ALONG THE LINE

Following a \$400,000 deal in which Thomas P. Hogan purchased from his partner, Hugh Hogan, all the properties of the Hogan Lumber Company, a newly formed corporation, the Hogan Lumber and Mill Company, has leased from T. P. Hogan all the properties involved, which include wharf property at the foot of Alice street, mill property at Second and Alice streets, Oakland, the Bruce Lumber Company of Berkeley and the Elmhurst Lumber Company of Elmhurst. The lease will run for five years.

The Steel Tank & Pipe Co. of Berkeley, organized for the purpose of dealing in iron, steel, building steel tanks, etc., has been authorized by the State Corporation Department to sell 1450 shares of its capital stock at par, \$100, for each.

Mayor J. W. Shattuck of Lodi urges bond issue to purchase plant of the Sacramento Gas Company to be operated as a municipal system.

City Council of Richmond, Cal., will call election in November to vote bonds of \$150,000 for parks and playgrounds; \$100,000 for municipal hospital; \$50,000 for municipal bathhouse and \$50,000 for a memorial building.

R. B. Bennett, an engineer from Otayshire, Australia, is in California looking over street and road pavements. He was accompanied by J. A. Blood, representing the Standard Oil Co., while in Bakersfield.

Percy Jones, chief engineer for the Modesto Irrigation District, has completed specifications and bids will be asked shortly by directors of the district to construct the transmission line from the Don Pedro dam to the property of the district in Woodland Avenue, Modesto.

A company with which is associated F. A. Kormann, well-known eastern refiner, is being organized for the purpose of erecting an independent oil refinery at Benicia. The company, capitalized at \$500,000, has already acquired a site of more than 100 acres on the Benicia waterfront and taken options on an additional plot of ground.

The \$100,000 plant of the U. S. Tool Co., in Cherry Boulevard, Long Beach, will be completed within two weeks, according to officials of the company. Approximately \$80,000 worth of new machinery has been installed in the machine shop.

The Kroyer Manufacturing Co., formerly located at Stockton, is seeking a site in Long Beach on which it is proposed to erect a five story tractor plant costing \$1,000,000. Temporary quarters are now maintained in a Los Angeles shipyard.

The plant of the Hammond Lumber Co., at Astoria, Ore., was completely destroyed by fire recently. The loss is estimated at not less than \$1,000,000.

**PORTLAND PUBLISHER ADDRESSES
FRESNO BUILDERS**

Apprenticeship is the keynote to the labor question, George M. Cornwall, publisher of the *Timberman*, Portland, Ore., told members of the Fresno Builders' Exchange, at a meeting Sept. 18. This was the first meeting of the Exchange in its new quarters at 2133 Kern St. and more than 50 members were present.

The speaker strongly emphasized training of the boy as a solution in solving the shortage in trained labor.

"The country is just feeling the lack of apprentices," said Cornwall. "Labor organizations, however, are beginning to lift the bars to let the boy enter the industrial life."

"When the boy enters into the industrial situation, it will lead up to co-operation in training. The Smith-Hughes act will provide for the training of apprentices and various foremen of the nation."

"The act will provide for a vocational training system among foremen and employees in every state. The government will appropriate funds to each state, and the state will appropriate a like amount, which will be used to promote the work. Directors will be chosen to direct the work. The passage of the act was the outgrowth of the war when it was found that too much foreign born element controlled large industries of the nation."

The speaker touched on the cooperation between the employers and employees, declaring that the solution to solve labor disputes is to hold conferences and discuss difficulties.

F. Feichin, one of the Exchange's directors, outlined the purpose of the organization, its accomplishments and its future of development.

R. W. Chrouch, manager of the Exchange, outlined workings of the organization. I. C. Martink, president, presided.

**NEW COMPANY TO MANUFACTURE
SAWS**

Directors of the Haughty-Red Bluff Saw and Machine Works, which has taken over the Bessolo Wrench Factory at Red Bluff, have perfected a permanent organization. J. W. Harrington is president of the new concern; J. V. Moore, vice president; George Champin, secretary; James Haughty, manager; and A. L. Conrad, R. Deer and T. Humphrey, other members of the directorate. The company will manufacture saws and operate a machine shop. The company recently completed negotiations with W. L. Bessolo, acquiring the property. The factory and site had been tied up in litigation for a period of a year and a half.

INCREASE IN ROOFING SLATE

Roofing slate is coming back into its own. The demand and shipments of roofing slate in July, 1922, were the greatest in several years, according to producers reporting to the National Slate Association. The shipment of slate for roofing purposes, according to the reports from over 50 per cent of the producers, exceeded the July production by nearly 60 per cent.

ELECTRICAL MEN HOSTS TO ARCHITECTS AND BUILDERS

The Architects', Builders' and Realtors' Day luncheon held in the Hotel Oakland, Sept. 18 under the auspices of the Electric Club of Oakland in an effort to further the California Electrical Cooperative Campaign, was a success, according to Wm. Sage, president of the Oakland Club. More than three hundred architects, contractors, materialmen and electrical dealers attended the luncheon.

Dwindling Forests Force Decreased Use of Lumber

If the food consumed by each man, woman and child were reduced by one-third, the pinch of hunger would soon be felt and the cry of famine undoubtedly raised.

Yet substitute the word "wood" for "food" and you have exactly what has happened in the use of lumber. The per capita consumption has dropped from 500 board feet in 1906 to 316 board feet in 1920, says the Forest Service, United States Department of Agriculture.

This decreasing use of a fundamental commodity, according to forest experts, is not a result of decreasing needs but a result of forest exhaustion. It is not being accomplished without economic hardship or without curtailment of industrial expansion. It is not a temporary condition that will automatically adjust itself, for even at this reduced rate of consumption we are still cutting our forests more than four times as fast as they grow. The situation proclaims, according to the Forest Service, that if we are to remain a nation of timber users, we must become a nation of timber growers.

In 1906, when American lumber production reached its highest point, the average per capita consumption of lumber in the United States was approximately 500 board feet. Since that time the per capita consumption has rapidly and consistently decreased until in 1920 the average citizen used approximately 316 board feet. This is a reduction of 37 per cent in 13 years, or nearly 3 per cent a year. Should this decrease continue at its present rate, by 1940 the downward sweep of consumption would approach zero. This, of course, will not happen. The average consumption will ultimately reach a fairly stable level, which will depend mainly upon the extent to which our devastated forests are made again productive.

The consumption of lumber is not evenly distributed. Previous studies indicated that the states of the Pacific Northwest, now the last great stronghold of big lumbering operations, had a much higher per capita consumption than those of other regions, but the present figures are the first to give information for all states upon the same basis. Naturally, the greatest per capita consumption occurs where wood is plentiful and the population is relatively small. In Washington and Ore-

gon the consumption appears to be between 500 and 1000 board feet annually per person.

Next come California, Montana, Idaho and Wyoming, where the rate of consumption is from 500 to 800 feet per person annually. In these states timber is relatively plentiful as compared with the density of the population, and a very considerable expansion has been taking place in the development of farms and other natural resources.

The group next lower in per capita consumption includes the Lake States, and sweeps southwesterly across the prairie states through Colorado, New Mexico, and Arizona. In this group the annual consumption is between 300 and 500 feet board measure.

Practically all the remaining states fall into a class in which the annual consumption is 200 to 300 feet. This group extends in a broad belt from Texas along the southern and eastern Atlantic Coast to Cape Cod, Mass. It also includes North Dakota, Iowa, Utah, and Nevada.

The lowest consumption of all is in Rhode Island, the District of Columbia, South Carolina and Georgia, in which the average consumption is rated between 100 and 200 feet per year. In the District of Columbia there is an extreme situation in density of population. No lumber is produced, there is little farming or manufacturing, and the entire population consists of urban dwellers in the city of Washington who live mainly in houses of brick and stone and require relatively little lumber. All the lumber used in the District of Columbia is imported from other states, just as it is in some of the non-timbered prairie states.

In general, the older and more densely settled states show the lowest average consumption. The states characterized by heavy agricultural operations come next, and the greatest use per individual is indicated in those states where there is still considerable timber and where the extension of home building is proceeding at a rapid rate, using the abundant material provided by the forests. The states are going through an evolutionary process, building first of lumber and later of more costly materials as the forests recede before fire and axe.

Garnet Young was the principal speaker and had as his topic "Household Efficiency." Mr. Young spoke on the tremendous sale of electrical appliances on the Pacific Coast and urged that the members get behind the publicity movement with a view to obtaining greater sales. He urged the architects and contractors to work with the electrical interests in an effort to provide buildings with better wiring facilities and provide for the installation of more modern electrical appliance the demand for which is becoming greater each day.

Fred Reed, Oakland realtor, spoke on "Better Homes" and outlined his views as to quick sales of homes that were properly wired and had facilities for installing the latest electrical appliances.

W. C. Whalin, president of the Oakland Builders' Exchange, was another speaker. Whalin assured the electrical men that the building interests would cooperate with them in an effort to secure better electrical specifications in future.

"The Convenience Outlet," a two-act play written by Frank N. Smith, of

California Electrical Co-Operative Campaign, and staged under the direction of Howard I. Millholland, was cause for considerable amusement and at the same time furnished those present with an idea as to the many sad happenings that can take place in a home that is not properly wired.

ELECTRICAL OUTPUT DURING JULY

According to the United States Geological Survey electrical output for July was 3,842,745,000 kilowatt hours against 3,832,845,000 hours for June. Daily production averaged about 124,000,000 kilowatt hours, a decrease of 3 per cent from the record production in June.

Of the total output, 2,308,195,000 hours were produced by fuel and 1,534,550,000 by water power. Fuel consumed consisted of 2,566,655 short tons of coal, 932,618 barrels of oil and 2,589,681,000 cubic feet of natural gas.

These quantities are based on reports from about 3500 power plants producing a minimum of 10,000 kilowatt hours a month.

Will Taxation Hamper Construction?

(By Willford I. King in the "American Contractor")

That the American people are now bearing tax burdens which would have appalled earlier generations is an obvious fact. Public expenses are growing all along the line. The present cost of operating the government of a moderate sized city is greater than the cost of financing the entire nation when Jefferson was President.

In some cities a considerable fraction of the total money expended doubtlessly represents waste and graft, but as these have prevailed ever since cities have existed, there must be more legitimate reasons for the enormous increase in the cost of municipal government which the last century has brought forth. The fact is that municipalities are doing more and more of the things that the individual formerly either did for himself or went without.

It is hard for us to realize today that the leading American cities of 1822 had few paved streets and only the beginnings of sewer systems. Some of the busiest streets were lighted by oil lamps; along others the wayfarers carried lanterns. Private watchmen and volunteer fire departments guarded the safety of the citizens. Municipal water works were the exception. Public school systems were just beginning. It is not surprising, therefore, that the cost of municipal government in those days was slight, for the city did almost nothing for its people.

What Could We Do Without These Things?

Today the city is an intricate mechanism which performs a multitude of services for its inhabitants—and, of course, these services cost money. When the water supply is brought long distances and carefully purified, when the main sewers are almost underground rivers, when the city streets are smoothly paved, are as light as day, and are guarded by well drilled armies of police and firemen, when free education is furnished to all children, when great libraries and museums are open to everyone; when hospitals and clinics offer free service to the poor, when vast parks, bathing beaches and playgrounds are maintained, is it any wonder that tax burdens have increased by leaps and bounds?

If You Taxi, You Must Pay the Fare

In many respects, the story of what has happened in the case of municipalities finds its counterpart in the growth of other branches of government. The states today build expensive highways, stock the streams with fish, protect the farmers' herds against disease, pension the unfortunate or furnish asylums for them, conduct scientific research, and provide great universities to educate the sons and daughters of the citizens.

The Federal government builds highways and irrigation canals, improves the rivers and harbors, transports the mail, carries on scientific research on a great scale, protects the public against disease, looks after child welfare, furnishes elaborate statistics of all kinds, and pays out vast sums as rewards for the patriotism of the soldiers who have defended it in the past. The performance of these functions is expensive. When, in addition, the Federal government is called upon to pay the interest and principal of a tremendous war debt, it is easy to see that it must levy enormous taxes.

Will Heavy Taxes Crush Business Enterprises?

Despite the rapid growth in the activities of government, the people con-

stantly demand further expansion rather than curtailment. Nevertheless, almost everyone objects to paying the taxes which inevitably follow. One may suspect that it is the burden upon the individual pocketbook which is the real source of annoyance, but the unwilling taxpayer usually voices his protest by expressing grave concern lest the enormous taxes crush industry and prevent prosperity. Is this attitude wholly camouflaged or is there real ground for alarm on this score?

In so far as high taxes mean merely that individuals are buying cooperatively through government the services which they would otherwise buy individually, there is no reason to believe that the new mode of purchase either increases or diminishes industrial prosperity. True, private production may be decreased, but public production will increase by a like amount. There are, however, certain types of taxes which are peculiar in their nature and which are worthy of particular attention, especially as regards their effect upon the construction industry.

You Will Build the Same Money's Worth

Just now we are installing again a system of high protective duties on imports. While these duties incidentally contribute to the Federal revenues, one of their chief functions is to take money from the pockets of the many in order to fill the coffers of the few. Many of us may object to this transfer, but there is little evidence that it hampers industry greatly. The poor will build fewer homes but the rich will construct finer ones. The desire of the protected corporations to find an outlet for their increasing monetary surpluses may even speed up the building of factories, railways, and the like. Most economists agree, however, that the tariff by preventing the production of goods at the places where it can be done most easily, lessens the income of all nations affected. The United States is not immune and will be penalized with the rest. If the nation produces less income, it will, as a rule, build fewer structures. Since, however, our foreign trade is not of overwhelming importance, we can scarcely expect that its restriction by a tariff will impose more than a mild degree of restraint upon building activity.

Just at present it appears that the soldiers of the recent war are to receive an enormous sum as a bonus, and that it will be paid for either out of the receipts of loans or from taxes borne mainly by the well-to-do. In either case, the buying power of "the masses" will be lessened and that of "the masses" will be increased. How will such a procedure affect the building business?

Ex-Soldiers Will Build Homes

It is well to keep in mind the fact that the ex-soldiers are no longer the mere striplings who went to war in 1917. With added years have come new responsibilities. Five years ago most of them would spend the bonus money in a great celebration. Today, many a man will use it to help in building up a home or in increasing the size of his business establishment. It is hardly probable, however, that building of this type will be sufficient to affect entirely the loss in construction due to the decrease in the revenues of corporations and wealthy citizens brought about by their contributions to the bonus fund. There is no reason to suppose, however, that the net effect on

the construction industry will be at all startling.

The war debt, however, remains the biggest fiscal problem of all. Certain writers are still asserting that it constitutes a terrible damper upon American industry. To attempt to pay it off will, they contend, prevent the return of prosperity. The only thing to do is to postpone the evil day and let the next generation bear its share of the burden.

You Cannot Dodge the War Debt

The fallacious nature of the belief that our war burden can, by any feasible device, be shifted to the next generation has been demonstrated so thoroughly and often that one cannot help being somewhat surprised that knowledge of this fact has as yet failed to penetrate the craniums of many of our publicists and politicians. However, the ability of certain materials to resist the penetrating powers of ideas is not a new discovery.

Take Dollar from One, Give It to Another

As a matter of fact, the payment of either interest or principal of the war debt imposes no burden upon the nation, even though it may greatly inconvenience the Treasury Department. Every dollar taken from one pocket is quickly transferred to another. At present, with Federal taxes heaviest upon the wealthy and the Liberty bonds likewise largely concentrated in the hands of the rich, the payment seems to represent little transfer of wealth even from one class of persons to another. The rich pay and the rich receive.

In one way it is possible that industrial activity might be stimulated by paying off the war debt promptly. The very high tax rates upon large incomes have driven some men to invest most of their fortunes in tax exempt bonds. Were this fiscal policy changed, these men might again engage in active business. Such an assumption is, however, open to question. In general, it appears that the war debt and the taxation necessary to pay it have but little influence upon the volume of building activity in the United States.

As a matter of fact, it is probable that the total effect of all present Federal taxes upon the building industry is negligible. The forces really controlling the volume of construction apparently are:

1. The rate at which the nation's population grows. It is the new families that require new homes, new industrial and commercial equipment, and new transportation facilities.

2. The proportion of its total buying power which the public prefers to devote to housing. Whenever the majority desire new automobiles more than new homes, fewer of the latter will be erected. When the people prefer better houses to anything else purchasable with the same money, the building industry will flourish.

3. The relative pessimism or optimism of business men concerning opportunities for profit making. When pessimism prevails business men do not care to make new ventures and they will do little new construction work. Optimism, on the contrary, is almost certain to demand expansion of the plant.

The building contractor may, then, look with relative complacency upon those forms of taxes not levied upon the construction industry itself, but he must be prepared to meet the effects of certain other tax-consequences which, for his business, constitute menaces of

the first magnitude. These contingencies are:

1. The slackening of population growth.
 2. The satiation of the demand for housing.
 3. The collapse of optimism concerning the outlook for business profits.
- Of these three, the last, which is the father of business depressions, is by far the most dangerous. The contractor who does not prepare himself for its arrival is likely sooner or later to meet serious reverses if not disaster.

UNIVERSAL EXHIBITS ESTABLISHED IN MONADNOCK BUILDING

(Contributed)

An enterprise of unusual merit, and we might say a necessity for this city, and one that should have the unqualified cooperation and support of all manufacturers and dealers who are in any way connected with the building industry or kindred lines, is now being established under the firm name of the Universal Exhibits. The primary plans and proposals of this organization call for a comprehensive collection of architect's samples of building materials, engineering equipment and household utilities, artistically displayed or exhibited in a convenient centralized location. This will afford the manufacturers and dealers an opportunity to place their products directly before the architect or builder, as well as the general public. It will also provide such manufacturers and dealers who are widely separated, a place where they may take their clients to view their finished product or transact any business. This exhibit will mean the saving of much valuable time to the architect, contractor or builder by providing a place where they may view, compare and make selections of all materials, etc., needed in their profession, thereby eliminating the necessity of visiting a number of firms.

This exhibit is located in the basement of the Monadnock Bldg., 681 Market Street. There are two entrances from Market, one by elevator and the other by stairway leading from the Arcade of the building. A third entrance is made from 20 Annie Street, opposite the Palace Hotel. The Builders Exchange with a large membership is located in the same block. Most of the architects and engineers of this city have offices within a radius of 6 blocks of the Universal Exhibits. In order to serve the greatest number of people efficiently the location of this enterprise just that heavy loss occurring under the election was made with that thought in mind.

Among the many service features to be inaugurated a catalog library will be maintained. This particular feature will enable the architect and engineer to secure the latest information or specifications on any materials, without the slightest delay. In this connection it would be advisable for manufacturers and dealers to see that the Universal Exhibits is kept fully supplied with their latest advertising literature. Samples of materials will also be handled in this manner, thereby eliminating that heavy loss occurring under the present system of distribution.

The exhibit will be in charge of H. and C. A. Cady.

SAN FRANCISCO ARCHITECT WILL PREPARE BOOKLET FOR BETTER HOMES

Better home designs, which has been the ideal of the architectural profession for many years, will receive a great impetus from a series of short articles to be prepared by Irving S. Morrow, San Francisco and Oakland architect,

for the California Complete Homes Exposition to be held in Lakeshore Highlands, Oakland, for three weeks beginning Sept. 23.

These articles are to be published in ten booklets, each descriptive of one of the ten new homes which will comprise this unique exposition. Each booklet will carry a floor plan and picture of the house in plan and a complete list of all materials and furnishings used in building and completely furnishing it.

Morrow is a writer as well as an architect and his explanations of the distinctive features of each home will be of great interest to all home owners and prospective builders. The ten houses are all designed by well known architects and each one represents a separate and distinct type of architecture. Not only are these houses well planned, but during the exposition they will be shown completely furnished in every respect. Thus the visitor will have the very unusual opportunity of inspecting ten skillfully designed and artistically furnished complete homes.

EXPANSION OF ARCHITECTURAL COMPETITION

The published plans for the architectural competition fostered by the Chicago Tribune have been altered to some extent. The competition which centered about the plans for the new administrative building for the Tribune, to be built at Austin avenue and St. Clair street, Chicago, was originally an open competition seeking voluntary entrants to the contest.

This phase of the competition has been enlarged upon. While no restrictions will be placed upon voluntary submission of sketches, Howard L. Cheney, 7 South Dearborn street, Chicago, Ill., architectural adviser, who is in charge of the preliminary work of the contest, announces that the following architects have been specially invited to submit sketches:

- Elmer & Paville, San Francisco, Cal.
- Bertam & Goodhue, New York City
- James Gamble Rogers, New York City
- Benjamin Mistr Norris, New York City
- John Mead Howells, New York City
- Holabird & Roche, Chicago, Ill.
- Jarvis Hunt, Chicago, Ill.
- D. H. Burnham Co., Chicago, Ill.
- Schmidt, Jordan & Martin, Chicago, Ill.
- Andrew Behori, Chicago, Ill.

This plan was decided upon so as to insure the keenest competition for the \$100,000 prize offered. The competition closes November 1, 1922.

LUMBER REQUIREMENTS FOR FRANCE ARE ESTIMATED

It is estimated by the French Minister of Liberated Regions, says Economist Council Weicott in a report to the Department of Commerce, that the lumber requirements of France during 1922 will be 10,000,000 cubic meters (4,237,735,320 board feet) for nominal consumption and 6,000,000 cubic feet (2,542,617,840 board feet) for reconstruction in the devastated areas, making a total of 16,000,000 cubic feet (6,780,335,160 board feet) of commercial lumber.

France will be compelled to import from the colonies and foreign countries during 1922 the 6,000,000 cubic meters required for reconstruction. It is probable that Germany, under reparation clauses of the Versailles treaty, will furnish only a comparatively proportion of such requirements. About 10 per cent will be obtained from colonial sources. The greatest lumber producing colony of France is the Ivory Coast of West Africa, but 90 per cent of its

output is mahogany used exclusively for cabinet work and veneering, and therefore is not available for use in reconstruction work in the devastated areas.

The Observer.

(Continued from Page 4)

Two suits have been filed in Fresno against the California Construction Co., asking sums aggregating more than \$20,000 for damages sustained by M. Mooradian, when an automobile owned by the company hit a touring car in which they were riding. The accident occurred January 14. Beddig was driving the car which was struck and Mooradian was his passenger. The former asks \$18,620 and the latter \$19,993.50.

Suit for \$1,000,000 damages, alleging malicious and defamatory libel, has been filed against officials and the governing board of the American Plan Association of Cleveland, Ohio, by Fred L. Baumgartner, secretary of the International Moulders' Union of North America. The suit is based on a letter said to have been sent by the American Plan Association to its members and to other employers of labor, July 19, soliciting financial support for its campaign for "an open shop."

Students in the college of mining at the University of California will entertain the delegates to the American Institute of Mining and Metallurgical Engineers, meeting in San Francisco Sept. 25 to 27 for one day on the campus. Sept. 27 has been designated as University of California Day, when the engineers will be taken on a tour of the campus. A short program will be given in the Greek Theatre and luncheon will be served in the Faculty Club. Following the luncheon an automobile trip in the east bay district will be enjoyed by the guests.

Election held in Colusa to vote bonds of \$250,000 for new high school failed to carry; 527 for issue and 419 against.

The sixth annual convention of the National Retail Lumber Dealers' Association will meet at the Hotel Winton, Cleveland, O., Oct. 25, 26 and 27.

A modern single band sawmill with a daily capacity of 60,000 feet will be built at once by the Sandpoint Lumber and Log Co., at Troy, Montana, as part of a \$200,000 timber development undertaken some months ago, according to H. C. Culver, of Spokane, Wn., president of the company. A lath mill is also to be installed.

The Washoe County Builders' Exchange, Reno, Nevada, has followed the plan of other Nevada organizations in making a policy of "strict neutrality" on the Southern Pacific-Central Pacific merger order when it adopted a resolution declaring that it was deemed improper at this time to attempt to influence the action of the United States supreme court, the interstate commerce commission or the Nevada public service commission prior to a hearing.

The San Mateo County Electrical Contractors' Assn. has filed protests with the San Mateo city trustees against the appointment of W. T. Young as building inspector, declaring he is not qualified for electrical inspection work. The board in reply to the protests declares it is impossible to hire an inspector for the different crafts and will stand by the appointment for the present, at least.

Labor Shortage Greatly Hampers Construction Industry Throughout the United States

(The American Contractor)

A new tendency is showing itself in the wage changes taking place in the building trades. For four months now wages have been going up. During this period most of these raises were in classes of craftsmen with considerable skill, who were receiving wages below the rate of a dollar an hour. Analysis of the latest figures covering the entire building trades of the country for the month of August, show that a great percentage of the raises now are occurring in crafts that were already receiving wages of a dollar an hour and over.

In other words, the first dangerous signs of a runaway labor market are here. Previous to this time the wage raises were not so alarming. The fact that a workman who has been receiving wages below the average for his skill receives a raise that places him on the level of the majority of his craft is not to be accepted philosophically. Standardization of wage rates in this manner is a benefit to the industry at large.

The new tendency to raise the highest paid men is a different matter. This is a condition that is brought about by factors of supply and demand. Shortage of mechanics in various localities allows these ruinous run away labor markets to develop.

The open shop or closed shop principle seems to have very little to do with the runaway market. Of the twelve cities listed as suffering undue raises six are open shop and six are closed shop. The shortage of mechanics is the cause. The remedy is the training of more mechanics.

Placing all the raises for August in one column we find that there were 52 raises. To offset these raises there were seven cuts. This leaves 45 raises, predominating. Of these 45 raises, 23 occurred among the classes of craftsmen receiving over a dollar an hour in wages. Seven raises were received by classes of craftsmen already getting 90 cents an hour and over.

While these figures are alarming, yet the construction industry can congratulate itself on being lucky. The runaway market did not develop this year until the busiest season was well on its way over the peak. It may as easily have started much sooner. But look out for next year!

Reiteration of the advice to contractors to see that new apprentices are trained rapidly grows tiresome. But the contractor and the entire industry must heed this advice and develop action in this matter or an uneconomic condition will develop in the industry that will be far more disastrous to construction and so to the whole economic life of the country, than the after the war slump.

Comparison with the wage raises left over after the cuts have been cancelled out of the columns, month by month, reveals no startling change for August. This danger exists because the classes of men who are receiving the raises are already receiving peak wages. This table shows the comparative ratio of wage changes:

Month	Raises	Cuts	Raises Predominating
May	54	23	21
June	50	27	23
July	60	15	45
August	52	7	45

Akron, Ohio, reports an acute shortage of plasterers and reports that other crafts are devoid of surplus workers.

Shortage is felt slightly among many of them.

Boston, Mass., signed up an agreement with most of the building trades in July. Substantial increases were given most trades at that time. Lathers are still striking for \$1.12½ an hour. The bricklayers are expected to demand \$1.25 an hour soon as an acute shortage exists. The same is true of the masons while the steam fitters' helpers are negotiating for a raise to 70 cents, although on the job for 60 cents an hour.

Cincinnati, Ohio, reports that all trades not having received increases are demanding more wages. The matter is now being negotiated.

Cleveland, Ohio, announces a shortage in lathers and plasterers and a tendency to increase wages.

Columbus, Ohio, has no shortage, strikes or demands for wage revision in any trades excepting the bricklayers' craft. The scale of bricklayers is \$1.12½ an hour but owing to the shortage of these workers, as much as \$1.25 and \$1.35 has been paid.

Des Moines, Iowa, has had no change in wages or conditions. The situation in regard to the shortage of bricklayers is still acute, but contractors have settled on the low side and are willing to slow up their work rather than make another advance. Other crafts are about normally employed. The situation is expected to ease up slightly from now on.

Indianapolis, Ind., the plumbers have asked for a revision of their wage scale. So far, no new wage has been agreed upon. A shortage of bricklayers and plasterers exists.

Lebanon, Pa., the plumbers have asked for a revision of their wage scale. So far, no new wage has been agreed upon. A shortage of bricklayers and plasterers exists.

Loisville, Ky., has had an acute shortage of bricklayers.

Omaha, Neb., has a shortage of plasterers, and the bricklayers are asking an increase of a dollar a day above the present scale of \$5.

Philadelphia, Pa., reports a surplus of carpenters, laborers, painters, plumbers and sheet metal workers. A shortage exists among the plasterers and bonus wages are being paid generally. The shortage of bricklayers is estimated at about 10 per cent, while masons and stone cutters are also hard to get. The latter craft has struck for a wage advance regardless of the standing agreement.

Pittsburgh, Pa., has no surplus of labor in any of the building trades. Plasterers, lathers, bricklayers, and slate roofers are very scarce. After a fifteen months' strike the electricians came to an agreement early in August. The open shop in the laboring and hod carrying departments has been discontinued. The Building Construction Employers' Association has made an agreement with the Hol Carriers, Building and Laborers' Union, which will become effective September 1, 1932, after having run open shop since June 1, 1931. The agreement expires March 1, 1933.

A number of trades have received an increase in wages on account of the scarcity of men. The hope that this would attract men from other cities has been proven groundless. Plasterers are now so scarce that some employers have offered increased wages with the hope of securing men from other contractors. The result is that practically every plasterer is working over time at the double time rate. Many are working a ten-hour day which pays \$15 a day.

St. Joseph, Mo., has all building labor employed. A shortage of bricklayers and masons has developed. No wage increases are expected.

St. Louis, Mo., is facing a runaway plasterers market. The scale is fixed at \$1.37½ an hour and the associated members of the exchange are prohibited from paying more. The unofficial wage ranges around \$1.62½ an hour.

San Francisco, Cal., remains on the American plan. The plasterers are on strike and a temporary bonus is being offered by the Industrial Association to

the amount of \$4 a day above the \$10 scale.

Sharon, Pa., reports plenty of labor in all lines. All members of the Builders Exchange are employing open shop labor only, following the refusal of the unions to accept a reduction averaging 16 per cent on April 1, 1931.

Sioux City, Iowa, reports that bonus wages are commencing to be paid above the scale to carpenters and plasterers.

Tucson, Ariz., has a shortage of first class carpenters and states that there is some talk of adjusting wages to a dollar an hour. A shortage of plasterers is being caused by the high wage being paid on the coast and raises are expected locally soon. In some other lines there is a limited demand for a few more mechanics which could be filled if more permanent work were in sight.

The universal shortage of plasterers and bricklayers shown above should stimulate immediate action to start training schools in these two trades so that efficient workmen could be turned out next year to relieve the shortage that is sure to develop again.

A specific problem faces the construction industry. In 1910 there were 47,682 plasterers in the United States. In 1920 there were only 38,255, a loss of 9,427 men. There are 38,138 fewer brick and stone masons now than in 1910. These are the two crafts that are keeping back the industry today and will be keeping it back next year. We must train this winter at least 10,000 plasterers and 10,000 bricklayers to even think of facing next year. This is the very minimum. Every avenue of training and development must be brought into use to supply this need.

The reasons why the industry has been able to move at all during this shortage are technical ones. Plaster board has been used in many sections of the country to replace the plaster's product. Concrete has given us a substitute for masonry that has gained in popularity. Without these alternatives we would need to train double the numbers for these two trades or stand still.

Are you prepared to do your part in turning out these thousands of men right away? If so, get busy and start schools—now!

SACRAMENTO BUILDERS HEAR WATER AND POWER DEBATE

Arguments pro and con on the proposed State Water and Power Act were heard Sept. 15 by members of the Sacramento Builders' Exchange in a debate between City Attorney Robert L. Shinn and Charles L. Gilmore. The debate was a feature of a meeting of the Exchange held in the Land Hotel.

Shinn, speaking for City Manager Clyde L. Seavey, who was unable to attend the meeting, argued in favor of the passage of the Act, stating that a city the size of Sacramento would in ten years under the proposed measure be enabled to pay for a plant of sufficient size to supply the electrical needs of the city. It was also pointed out by Shinn that passage of the Act will mean the development of the great power resources of the state on a scale that would assure the people of power at cost for all time.

Gilmore, in opposing passage of the Act, declared the proposed Act was dangerous. Bonding the State for \$500,000,000, he said would be equal to about 40 per cent of the bonded indebtedness of all the rest of the States combined.

Building News Section

APARTMENT HOUSES

ALTERATIONS Cost, \$7500
SAN FRANCISCO, 1083 Lombard St.
Segregated Sub-figures Being Taken.
Alterations to apartment house (plaster front, etc.).
Owner—Perry Small.
Architect—A. H. Knoll, Hearst Bldg.

Segregated Figures Being Taken.
APART. HOUSE Cost, \$85,000
SAN FRANCISCO, E Leavenworth S Ellis.
Five-story reinf. conc. apt. house (30 2-room apartments).
Owner—Fred Larsen, 290 28th Ave.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Segregated figures will be taken on all parts of the work except the electrical parts, which was awarded to the Wedel Elec. Co.

Contract to be Awarded Shortly.
APARTMENTS, ETC. Cost, \$40,000
SACRAMENTO Sacramento Co. Cal 17th and J Streets.
Brick store and apartment building.
Owner—John Kost, 1630 J St., Sacramento.
Architect—Not Given.

Contract Awarded. Cost, \$12,000
SAN FRANCISCO, N 18th St. 100 E Dolores.
Two-story & basement frame (4) apts.
Owner—Mrs. Hannah Bell, 3678 18th St.
Architect—Dodge A. Reidy, 850 Pacific Bldg., S. F.
Contractor—W. Irvine, 1387 Hayes St.

Owner Taking Sub-figures.
APARTMENTS Cost, \$65,000
SAN FRANCISCO, Hyde St. near Sutter.
Six-story reinforced concrete apartment house (24 rooms), 40x76.
Owner—Louis Blum.
Architect—C. O. Clausen, Hearst Bldg.

Contract Awarded. Cost, \$16,000
STORE & APTS.
SAN FRANCISCO, 103-7 S Rair Ave.
Two-story frame store and 4 apts.
Owner—L. Chiappari, 3720 20th St.
Architect—Rignetti & Hirschfeld, 12 Geary, San Francisco.
Contractor—M. E. Greene, 180 Jessie.

Contract Awarded. Cost, \$45,000
ALTERATIONS
SAN FRANCISCO, SE Bush and Mason Streets.
Alterations and additions to Class C apartment building.
Owner—W. L. Hoan, 333 Kearny St., San Francisco.
Architect—None.
Contractor—Lewis J. Johnson, 2269 19th St., San Francisco.

Contract Awarded. Cost, \$14,000
APARTMENTS
SAN JOSE, Santa Clara Co., Cal. S 9th St. near San Antonio.
Two-story frame (8) apartments.
Owner—Ernest L. Gardner.
Architect—C. C. Lewis, 329 S 5th St., San Jose.
Contractor—Lewis & Nelson.

Owner Taking Figures. Cost, \$55,000
APARTMENTS
OAKLAND, Alameda Co. Cal. Telegraph Ave. & 25th St.
Three-story and basement brick store and apartment house (13 3-room apts & 3 stores).
Owner—F. & E. Donart, 882 Grand Ave., Oakland.
Architect—Clay N. Burrell, American National Bank Bldg., Oakland.

Owner Taking Sub-figures.
APARTMENTS Cost, \$225,000
SAN FRANCISCO, N Geary 68-9 W Taylor.
Six-story and basement reinforced concrete and steel frame (66) apts.
Owner—Kiernan & O'Brien.
Architect—Albert W. Burgen, 110 Sutter St., San Francisco.

LOS ANGELES, L. A. Co., Cal.—L. A. Building & Contracting Co., Marsh-Strong Bldg., Los Angeles, was low bidder at \$291,758 on the gen. contr. for erecting a four-story and basement, class C brick apartment house at SE corner of Wilshire Blvd. and Carondelet St., Los Angeles, for Wilshire-Carondelet Holding Corp., Russell & Alpaugh, 1106 Story Bldg., Los Angeles, architects. Low bidders on other contracts were: J. Hokom, on the plumbing at \$31,417; Otis Elevator Co. on elevators at \$3985; H. H. Mann on painting at \$13,665; F. D. Reed, Glendale, on heating at \$9287; J. C. Rendar on wiring at \$8550; and Jack Frost Co. on refrigerating system at \$16,375. Bids taken under advisement.

LONG BEACH, Los Angeles Co., Cal.—Wallace & Brush, Los Angeles Ry. Bldg., Los Angeles, have commenced excavating for the erection of the Sovereign, a class A, \$500,000, 9-story apt. building on W. Ocean Ave., Long Beach, for Wright & West, Long Beach.

SANTA BARBARA, Santa Barbara Co., Cal.—Architects Marston & Van Pelt, 600 Chamber of Commerce Bldg., Pasadena, are completing plans for a Spanish type apartment house to be erected at Chapala St. and West Blvd. for Charles F. Eaton. Two stories with arched design. The lot, 175x390 feet, will be planned to resemble a spacious courtyard of old Spain. There will be a hly pond, 100x250 feet.

BANKS

Plans Being Prepared.
BANKING QUARTERS Cost—
SAN FRANCISCO.
Sixteen branch banking quarters.
Owner—Mercantile Trust Co., 464 California St., San Francisco.
Architect—G. Albert Lansburgh.
Supt. of Const.—Mr. Collyup, of the Mercantile Trust Co.

LOS ANGELES, L. A. Co., Cal.—The following sub-contracts have been awarded on the class A bldg. being erected at 7th and Olive Sts., Los Angeles, for the Bank of Italy: Electrical work to Newberry Elec. Corp. at \$3500; ornamental iron work to Federal Ornamental Iron & Bronze Works, S. F., at \$13,000; plastering to MacGruer & Simpson, S. F., at \$44,500; marble work to Joseph Musto Sons-Keenan Co. at \$35,800; mill work to Pacific Manufacturing Co., S. F., at \$37,050; Lange & Bergstrom, Washington Bldg., S. A., gen. contrs.; Morgan, Walls & Morgan, 1124 Van Nuys Bldg., L. A., archts.

BONDS

FULLERTON, Cal.—A special election will be held Sept. 25, to vote on an issue of \$160,000 bonds for street paving, constructing of drains, culverts and bridges.

SUSANVILLE, Lassen Co. Cal.—Election will be held Oct. 3 in Richmond Sanitary District to vote bonds of \$20,000 to const. sanitary sewer system.

WILLIAMS, Colusa Co., Cal.—City trustees will call election to vote bonds to finance construction of sewer system.

SAN MATEO, San Mateo Co., Cal.—Bonds of \$80,000 voted to finance purchase and improvement of park lands.

ANAHEIM, Cal.—City Council will call election to vote bonds of \$100,000 for park improvements and swimming tank.

RICHMOND, Contra Costa Co., Cal.—Election will be held in November to vote bonds of \$150,000 to purchase sites for parks and playgrounds.

ANAHEIM, Orange Co., Cal.—Council will call election to vote bonds of \$40,000 to complete city hall.

RICHMOND, Contra Costa Co., Cal.—Election will be held in November to vote bonds of \$100,000 for municipal hospital; \$50,000 for municipal bathhouse; \$50,000 for memorial building and \$150,000 for parks and playgrounds.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 2, bids will be received by supervisors for purchase of \$10,000 bond issue of Henderson School Dist. proceeds of sale to finance school improvements.

MARTINEZ, Contra Costa Co., Cal.—Until Oct. 2, bids will be received by supervisors for purchase of \$5000 bond issue of Excelsior School District; proceeds to finance school improvements.

MODESTO, Stanislaus Co., Cal.—City Council will call election to vote bonds to finance erection of new schools and additions to present structures. Bonding limit is \$150,000.

VISALIA, Tulera Co., Cal.—Supervisors sell \$35,000 bond issue of Waukena Union School District for premium of \$2515; proceeds to finance school improvements.

SAN JOSE, Santa Clara Co., Cal.—Supervisors sell \$60,000 bond issue of Gilroy High School District for premium of \$2543; proceeds to finance school construction.

MERCED, Merced Co., Cal.—Bonds of \$70,000 voted to finance extensions to sewer system. C. D. Martin, city eng.

SUSANVILLE, Lassen Co., Cal.—Bonds have been voted to finance construction of approx. 20,000 ft. of sewers in the Milwood Sanitary District. Byron P. Lyons, eng. for dist.

ANAHEIM, Cal.—Council will call election to vote bonds of \$20,000 to pave certain streets.

SAN JOSE, Santa Clara Co., Cal.—No bids received by supervisors for purchase of \$197,000 bond issue of Mt. View High School District and bids have been ordered re-advertised to be opened October 16.

BAKERSFIELD, Kern Co., Cal.—Election will be held Oct. 7 in Arvin School District to vote bonds of \$17,500 to finance school improvements. Trustees of district are: E. O. Mitchell, W. W. Heard and H. R. Portman.

SAN BERNARDINO, Cal.—The proposed \$140,000 bond issue for Devil Canyon water system will be on the ballot at general election Nov. 7.

CHURCHES

Figures to be Taken Shortly.
CHURCH Cost, \$—
WHITTIER, Los Angeles Co., Cal.
Two-story and basement brick and plaster church, 83x130.
Owner—Whittier Christian Church.
Architect—Robert Orr, 1366-5 Corporation Bldg., Los Angeles.

CHURCH & SCHOOL. Cost, \$151,500
SAN FRANCISCO, N. Elbert 137-6 E.
Powell.

Three-story, basement and tower, reinforced concrete and steel church and school building.

Owner—Roman Catholic Archbishop.
Architect—Chas. Fantoni, 550 Montgomery St., San Francisco.

The contract was awarded for \$151,500, omitting setting of the terra cotta and including all concrete work, carpentry, hollow tile and brick work, and sheet metal work. Following is a complete list of the bids:

Grace & Bernier	\$160,000
Robt. Trost	167,000
Fennell & Clusholm	172,047
Lange & Bergstrom	174,704
C. Sartorio	175,300
Jas. McLaughlin	178,000
Barrett & Hilly	190,000
Mission Concrete Co.	201,660
J. J. Mathelin	205,000
G. B. Pasqualetti	211,750

Bids on the following portions of the work are still under advisement:

Electric work, plumbing and heating, terra cotta and plastering, roofing, floor and gravel or asbestos, painting, ornamental iron work, marble, terrazzo and travertine granite.

FACTORIES & WAREHOUSES

Contract Awarded. Cost, \$—
WAREHOUSE.
LOS ANGELES, Cal. Fourth and Alameda Streets.
Five-story reinforced concrete warehouse.

Owner—Elms Storage Co.
Engineers—E. E. P. Schick, 435 E. W. Hillman Bldg., Los Angeles.
Contractor—C. D. Cook, 721 E. W. Hillman Bldg., Los Angeles.

Plans Being Figured. Cost, \$85,000
MFG. BUILDING.
SAN FRANCISCO, N. Turk St. & E. Hyde.
Five-story mezz. floor and basement.
Class B reinforced concrete manufacturing building.

Owner—Chris C. Miller.
Architect—Martin A. Sheldon, 110 Sutter St.

Figures are being taken for a general contract.

Contract Awarded. Cost, \$15,000
WAREHOUSE.
SACRAMENTO, Sacramento Co., 1801 7th St.
One-story warehouse.
Owner—F. F. Smith Co., Inc., 1006 J St., Sacramento.
Contractor—A. W. Morris, People's Bank Bldg., Sacramento.

Sketches Being Prepared. Cost—
DAIRY BLDG.
SAN FRANCISCO, McAllister bet. Octavia and Laguna Sts.

Steel and concrete dairy building.
Owner—Mills Electric, Mills Bldg.
Architect—John Reid Jr., 1st National Bank Bldg., S. F.

Only preliminary plans are being prepared, according to a statement given out by the office of the Mills Estate. Also that it will be at least two months before it is definitely decided whether the structure will be erected or not.

Contract Awarded. Cost, Approx. \$200,000
FACTORY.
OAKLAND, Alameda Co., Cal. W. Harrison St. from 5th to 6th Sts.

Three-story steel frame reinforced concrete factory building (terra cotta facing).

Owner—Hebern Electric Code, Inc.
Architects—Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
Contractor—P. J. Walker Co., Menadnock Bldg., San Francisco.

Plans Being Prepared. Cost, \$—
FACTORY.
LOS ANGELES, Los Angeles Co., Cal. Twenty-eighth and Main Sts.

Four-story reinforced concrete Class A factory, 56x144.
Owner—Normand Bros. Company.
Architect—W. J. Saunders, Laughlin Bldg., Los Angeles.

Bids Rejected.—To Call New Bids.
PACKING PLANT. Cost, \$—
PETALUMA, Sonoma Co., Cal. East Petaluma.

Hollow Tile Packing Plant, 110x210 ft. Owner: Tule Producers of Central California, 323 E. Washington St., Petaluma.

Architect—Ernest Jones, 110 Washington St., Petaluma, Calif.
Low bid was submitted by Ward & Jones, 150 Jessie St., San Francisco, at \$12,000.

FARMHOUSE. Butte Co., Cal.—A. D. Jones, Paradise, at \$1000 awarded contract by Paradise Irrigation District to construct office and warehouse building.

SAN JOSE. Santa Clara Co., Cal.—A syndicate of San Francisco businessmen has purchased the old Fredericksburg brewery plant, at Alameda and Commercial streets, and will remodel the structure for cold storage and ice packing plant. In addition to remodeling the present building, it will be enlarged and other buildings will be arranged for packing plants, dry kilns and cranberry quarters. E. J. Nieland, acted as personal representative for the

owners and Louis Cavalla and Paul L. Cavalla, real estate operators, 79 West Santa Clara St., San Jose, handled the deal.

PORTLAND, Ore.—Quinn and Burton, Portland, at (1) \$111,376 and (2) \$75,652 submit low bid to Public Dock Commission to construct superstructure of ventilated storage warehouse at municipal terminal No. 1. Prob. 1 being for structure 610 ft. long and 120 ft. for structure 410 ft. long. Building will be 120 ft. wide with hollow tile walls.

SUGAR PINE. Madera Co., Cal.—H. F. Horskotte, mill archt. and designer of the Sugar Pine Lumber Co.'s mills is in Sugar Pine and will arrange for rebuilding of mill and plant recently destroyed by forest fire. Clearing of the site is under way.

LOS BEACH. Los Angeles Co., Cal.—The Kroyer Mfg. Co., formerly of Stockton, is seeking a site on which it proposed to erect a \$1,000,000, five-story tractor plant in Long Beach. The Company is now located in temporary quarters in a Los Angeles shipyard.



State Capitol, Sacramento, 9/19/22.
Editor of Daily Pacific Builder,
304 Mission Street,
San Francisco.
Dear Editor:

I AM in Sacramento.

AT THE two-ring circus.

SOMETIMES CALLED the State Convention.

OF THE Republican.

AND THE Democratic Parties.

I AM writing this report.

AT THE desk.

OF SENATOR Sharp sand.

FROM PRATT'S Monterey Co.

THERE ARE also delegates.

FROM MARYSVILLE and Sacramento.
BECAUSE CLARENCE Sand Pratt,
President.

OF THE Pratt Building Material Co.

DOUGLAS, 100—"easy to remember."

HAS SAND producing plants.

AT ALL these thriving cities.

THE DEMOCRATS through Mr. Woolwine.

OF LOS Angeles.

CAME OUT for a wet platform.

BUT THE Republicans.

MORE IN numbers.

AND QUICKER at building.

A POPULAR platform.

ADOPTED PRATT'S clean, sharp sand.

ON WHICH to stand.

AND GREAT cheers went up.

WHEN CLARENCE Sand Pratt.

ANNOUNCED THAT the entire fund.

FOR THE present campaign.

WOULD COME.

FROM THE (sand) banks.

OF THE Pratt Building Material Co.

AT PRATT'S Monterey County.

IT SEEMS, dear editor.

THAT THE Examiner.

SENT ED, Hamilton.

TO REPORT the convention.

AND HAMILTON has spent.

THE ENTIRE day.

AND SOME cash.

TO SECURE enough facts.

TO WRITE a story.

BUT CLARENCE Sand Pratt.

SOLD AMERICAN River sand.

ALL DAY long.

AND AFTER dinner.

DROPPED INTO the Convention Hall

AND SECURED all the above facts.

FOR THIS wonderful newspaper story

"I THANK you."

AJO, Ariz.—Wisconsin Bridge & Iron Works, Milwaukee, was awarded contract for constructing steel frame concentration plant for New Cornelia Mining Co. at Ajo. Plant will have ore crushers, concentrating equipment, etc. Est. cost of project, \$400,000. Kenyon Hurch, Junior Orpheum Bldg., Los Angeles, const. engineer.

CONCRETE. Wash. Roundabout Co., Walker Bldg., Seattle, at approx. \$97,000 awarded contract by Superior Portland Cement Co. to construct clinker storage building, rein. conc. and steel construction, 250x125 ft., total estimated cost \$130,000.

VALLEJO, Solano Co., Cal.—California Transit Co., operating a fleet of auto stages have under consideration a site on which it will build a union bus depot.

To Be Done By Day's Work.
ROOF FOR WAREHOUSE. Cost, \$20,000. SAN FRANCISCO. SE Harrison and Mariposa Streets.
Construct Class B roof for warehouse. Owner—H. McFarlane & Co., Hearst Bldg., San Francisco.
Architect—Owner.

FIREHOUSES AND JAILS

VALLEJO, Solano Co., Cal.—Due to the fact that sufficient time was not allowed contractors to figure the Vallejo firehouse from plans of Architect C. E. Grey, Jr., 514 Main St., Vallejo, new bids will be opened by the City Council on Sept. 25. Alf. E. Edgumbe is city clerk.

FLATS

To Be Done By Day's Work.
FLATS. Cost, \$7000 each. SAN FRANCISCO. S Balboa 82-6, 107-6, 132-6 W 9th Ave.
Three 2-story and basement frame flat bldgs (2 flats each).
Owner—E. A. Jansen, 402 Hearst Bldg.
Contract Awarded.
FRAME FLATS. Cost, \$13,500. BERKELEY. Alameda Ave., Cal. S Webster St. 120 E College Ave.
Two-story 16-room frame flat building. Owner—John J. Olsson, 6024 Chabot Road, Berkeley.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Berkeley.

Contract Awarded.
FLATS. Cost, \$12,000. SAN FRANCISCO. W Franklin 137-6 N Francisco.
Two-story and basement frame flats. Owner—S. Bianchi, 671 Green St.
Architect and Contractor—M. Perino.

To Be Done By Day's Work.
ALTAIR FLATS. Cost, \$2,000. SAN FRANCISCO. No. 3358 Twenty-second Street.
Alter store into 4-room flat.
Owner—J. C. Collins.
Architect—A. W. Richardson, 2581 Mission St., San Francisco.

Plans Being Figured.
FLATS. Cost, \$12,000. SAN FRANCISCO. Fifteenth Avenue near Cabrillo.
Two-story frame and plaster flat building (two 6-room flats and basement garage).
Owner—George Devine.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Figures are being taken for a general contract.

Contract Awarded.
FLATS & GARAGE. Cost, \$13,950. SAN FRANCISCO, Vallejo St.
Two-story frame, plaster and brick veneer (2) flats of 6-rooms each and basement garage.
Owner—B. L. Alburn and O. E. Alburn.

Architect—Wm. F. Milwain, Albany Bldg., Oakland.
Contractor—E. J. Montgomery, 1320 Broadway, S. F.

Contract Awarded.
STORE & FLAT. Cost, \$17,800. SAN FRANCISCO, SW Geary St. and 15th Ave.
Two-story frame store and flat bldg. Owner—Dr. Oscar Tobriner, 350 Post St., San Francisco.
Architect—Alfred H. Jacobs, 110 Sutter St., S. F.
Contractor—W. L. Hemmings, 47 Ashbury St., S. F.

GARAGES

Contract Awarded.
GARAGE. Cost, \$10,600. LAKEVIEW, Marin Co., Cal.
One-story reinforced concrete garage. Owner—Joseph Gatto.
Architect—Mel. I. Schwartz, Nevada Bk. Bldg., San Francisco.
Contractor—F. L. Hansen, S. F.

CENTERVILLE, Alameda Co., Cal.—Ed. Rose, owner of the Rose Garage of Niles, has purchased the Walton property and will erect a two-story garage building to cost \$35,000.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—The following bids were received on Sept. 13 at the bureau of yards and docks, Navy Department, Washington, specification 4588, for guardhouse and shops at San Diego, Cal.

Wright & Doran, San Diego, Cal., item 1, \$184,000, 210 days; 2, \$116,000, 210 days; 3, \$68,000, 210 days.

W. E. Kier Const. Co., 813 First National Bank Bldg., San Diego, Cal., item 1, \$146,176, 240 days; 2, \$98,000, 3, \$56,000, 240 days.

Wm. Simpson Construction Co., 126 Marine-Strong Building, Los Angeles, Cal., item 1, \$150,000, 219 days; 2, \$103,000; 3, \$63,000.

Lange & Bergstrom, 819 Tinken Building, San Diego, Cal., item 1, \$165,000, 210 days; 2, \$103,000, 210 days; 3, \$67,000, 210 days.

H. H. Peterson, 3014 Goldsmith St., San Diego, Cal., item 1, \$153,545, 219 days; 2, \$102,445, 210 days; 3, \$55,500, 180 days.

FT. ROSENCRANS, Cal.—Until Oct. 11 bids will be rec. by S. Reclamation Section, War Department, for sale of buildings, gasoline pumps and tanks at Ft. Rosencrans. Further information on request.

WASHINGTON, D. C.—Bids are wanted by Bureau of Supplies and Accounts, Navy Department, for fur and del materials to Navy Yards; date for opening bids as noted at end of each paragraph.

Schedule 145, for the Mare Island, Cal., 6000 acid etched globes, Oct. 3, rope, Oct. 3.

Schedule 157, for Mare Island, Cal., navy yard, 6000 acid etched globes, Oct. 3.

Schedule 150, for the Mare Island navy yard, 60,000 feet incandescent lamp cord and 40,000 feet lighting and power wire, Oct. 10.

Schedule 157, for Mare Island, cal., 135,000 ft. Douglas fir, Oct. 10.

YUMA, Ariz.—Until Oct. 16, 2 p. m., bids will be rec. by U. S. Reclamation Service, for earthwork, first Mesa division, Yuma auxiliary project, involving about 65,500 cu. yds. of excav. The work is located about 17 miles south of Yuma, Ariz., and about 5 miles from Somerton, Ariz. For particulars address U. S. Reclamation Service, Washington, D. C.; Denver, Colo., or Yuma, Ariz.

WASHINGTON, D. C.—Until Oct. 7, 10:30 a. m., bids will be rec. by Panama Canal Commission, under Circular No. 1437, for fur and del. Balboa (Pacific Port) 10,000 bbls. Portland cement.

HALLS AND SOCIETY BUILDINGS

Plans to Be Prepared.
CATHEDRAL. Cost, \$250,000. FRESNO, Fresno Co., Cal. Stanislaus and L. Streets.
Four-story fireproof cathedral building with steeple.

Owner—Fresno Lodge of Perfection No. 6, Scottish Rite Masons, T. It. Thompson, Secretary.

Architect—Carl Werner, Humboldt Bk. Bldg., San Francisco.

Preliminary Sketches Prepared.
CATHEDRAL. Cost, \$1,000,000. OAKLAND, Alameda Co., Cal. NE 14th and Alice Streets.

Owner—Scottish Rite Bodies, A. & A. S. R.

Architect—Carl Werner, Humboldt Bk. Bldg., San Francisco.

Plans Being Figured—Bldgs Close Sept. 27, 2 P. M.

ADDITION, ETC. Cost, \$—
INDEPENDENCE, Inyo Co., Cal.
One-story concrete or concrete block auditorium and club house.

Owner—Mt. Whitney Post, 265, American Legion, E. A. McFarlane, Chairman of Building Committee, Independence, Calif.

Architect—Luttrell Bros., Independence, Calif.

Certified check for 5% payable to chairman of Building Committee required. Plans may be had from chairman on deposit of \$20.

Plans Being Prepared.
CLUB HOUSE. Cost, \$—
SALINAS, Monterey Co., Cal. Monterey and San Luis Streets.

One-story stucco (L-shaped combined Mexican and Pueblo) club house. (Est., 200x120).

Owner—Santa Lucia Parlor No. 97, N. S. G. W.

Architect—Paul Tattle, 565 Lighthouse Ave., Pacific Grove, Calif.

Building Committee consists of Russell Scott, Ralph Muller, Walter Rasmussen, Dan Dougherty, Dr. E. J. Leach and Robert Adecock.

Contract Awarded.
ADDITION. Cost, \$180,000. LOS ANGELES, Los Angeles Co., Cal. Tropico.

Add wing to the mausoleum for Forest Lawn Cemetery, 90x200 ft., reinforced concrete and granite construction.

Owner—Forest Lawn Cemetery Ass'n., Hollingsworth Bldg., Los Angeles.
Architect—T. Paterson Ross, 310 California St., San Francisco.
Contractor—C. L. Peck, 721 H. W. Hellman Bldg., Los Angeles.

Plans Being Prepared.
CLUB HOUSE. Cost, \$45,000. INGLESIDE, S. F.

One and one-half-story frame and stucco club house with tile roof.

Owner—Lake Merced Golf & Country Club.
Architect—Geo. Wm. Kelham & H. Thompson, associated, Sharon bldg.

PORTLAND, Ore.—Architect Edmund Bergholtz, Spalding Bldg., completing plans for three-story and basement concrete and hollow tile lodge hall, 100 by 100, to be erected for the All-Azar, the highest degree of the United Artists. Bids will be asked in three weeks.

HOSPITALS

Plans Being Prepared.
SANITARIUM. Cost, \$—
GLENDALE, Los Angeles Co., Cal. E Broadway and Wilson Sts.

Four-story and basement Class A sanitarium (completely equipped).
Owner—Glendale Sanitarium (Seventy Day Adventists), E. E. Kimlin, Mgr.

Architect—Alfred E. Priest, 716 Fay Bldg., Los Angeles.
Construction Engineer—W. E. Whallin, 351 12th St., Oakland.

Plans Being Prepared.

HOSPITAL. Cost, \$65,000
LOS ANGELES, Los Angeles Co., Cal.
Glendale Blvd. at Waverly Ave.
Three-story Class A hospital, 100x46.
Owner—Merrill Corp., 800 Ferguson
Bldg., Los Angeles
Architect—John H. Franzenfelder, 1116
Story Bldg., Los Angeles.

Contractor Taking Sub-Figures.

HOSPITAL. Total Cost, \$500,000
SACRAMENTO, Sacramento Co., Cal. L
and Twenty-eighth Streets.
Five-story reinforced concrete hospital.
Owner—Sutter Hospital Cntr.
Engineer—H. Snyder, San Francisco
Architect—Meyer & Johnson, 742 Mar-
ket St., San Francisco.
Contractor—Geo. Wagner, 251 Kearny
St., San Francisco.

NOTE—Work is just being started on the concrete work.

HOTELS**Preliminary Plans Being Prepared.**

HOTEL. Cost, \$
LONG BEACH, Los Angeles Co., Cal.
N.W. Ocean Blvd. and Elm Ave.
Thirteen-story Class A store and hotel
building, 100x155, (360 rooms and
baths).
Owner—A. Syndicate, Wm. Wrigley
(et al.).
Architect—Alec Curlett and Claud
Beelman 408 Union Bk. Bldg., Los
Angeles.

Contracts Awarded.

HOTEL, ETC.
SAN LUIS OBISPO, San Luis Co., Cal.
Denigerville and Morro Streets.
Five-story and basement reinforced
concrete store and hotel building.
Owner—J. L. Anderson.
Architect—C. A. Muesdorffer, Hum-
boldt Bank Bldg., San Francisco.

**General Contract awarded to Robert
Trost, 26th and Howard Sts., S. F.,
\$142,785.**

**Plumbing, Heating and Oil Burner to
Scott Co., 243 Minna St., S. F.,
\$29,418.**

**Elevator Work to Otis Elevator Co.,
Beach and Stockton Sts., \$4790.**

SANTA BARBARA. Santa Barbara Co., Cal.—A. J. Avery has started work on a 30-room hotel building on West Haley St. for Mrs. Freas Hayman. There will be 30 rooms with hot and cold water, etc. The ground floor will contain six stores.

Chas. Maas, proprietor of the Virginia Hotel on West Haley St., plans to start immediate work on a 50-room addition to his establishment. This will give the Virginia 160 ft. front, three-

SANTA BARBARA. Santa Barbara Co., Cal.—H. S. Matheson has been awarded the general contract to erect Mission Tave hotel bldg. on State St. south of the Mission Theatre. Charles T. Richardson has the excav. contr. and has started work. Subcontracts will be awarded this week. Over \$300,000 will be expended on this project. Bldg. will be of fireproof constr. throughout, and will be of artistic Mission style architecture. It will consist of a main structure five stories high, with two wings, each four stories, extending to street front, forming a court in center to be used as main entrance. A. L. Harlow is one of the heaviest investors. Local skill will be utilized as far as possible on all construction work.

SANTA BARBARA. Santa Barbara Co., Cal.—Financing plans are working out satisfactorily for the new Carrillo Hotel project for S. & Cor. Chapala and Carrillo Sts., opposite the Y. W. C. A. Bldg. James M. Warren heads the campaign committee. El Encanto Hotel Co. has signed a lease. The bldg. will be 5 stories of fireproof constr. of sq. type design, the light courts being placed to the rear and center of the structure. The first floor exterior walls will be of stone with full length arched windows. Above, the bldg. will be clad, exter. with Spanish tile roof. Ornamental iron balconies will complete the exterior. The company is now engaged in disposing of its stock. Marston and Van Pelt, Chamber of Commerce Bldg., Pasadena, are the archts.

FRESNO. Fresno Co., Cal.—Sub-bids are being taken by the R. F. Felchlin Co., Bank of Italy Bldg., Fresno, for various portions of work in connection with the Hotel Californian, a million dollar structure to be erected in that city. Specifications are now available. Bids are wanted for millwork, sheet metal work, reinforcing steel, roofing, ornamental iron, glass and glazing, metal windows, tile work, marble work, ventilation, heating, plumbing, wiring, sprinkler system, refrigeration, elevators, structural steel, painting, excavation, tile roofing, lathing and plastering.

PUBLIC BUILDINGS**CITY BUILDINGS**

Plans Being Figured—Bids Close Oct. 3, 1922, 7:30 p. m.

HUNTINGTON BEACH, Orange, Cal.
Two-story brick city hall 75x126 and a brick auditorium 100x58.

Owner—City of Huntington Beach.
Architect—Walker & Eisen, Pacific Finance Bldg., Los Angeles.
Estimated Cost, \$60,000. City Hall, \$25,000. Auditorium.

Bids will be taken separately for gen. contr., plumbing, wiring, heating, painting and flat cement work.

Contract Awarded.

PRINTING PLANT. Cost, \$94,800
SACRAMENTO, Sacramento Co., Cal.
SW Eleventh and O Sts.
General work for two-story and basement Class A state printing plant, 160x160 (reinforced concrete, walls, metal sash, clay tile roof).
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Forum Bldg., Sacramento
Contractor—Davison & Nicolsen, 80 Jessie St., S. F., and Stockton.

APTOS. Santa Cruz Co., Cal.—The Spreckels Ranch comprising 3500 acres just outside the town of Aptos, has been sold to Fred L. Somers, et al., of Iomona, Cal., who announce the property will be improved with a pleasure beach; erection of a modern hotel and the laying out of extensive golf links. The sale of the property is confirmed by President W. T. Jeter, of the Santa Cruz County National Bank of Santa Cruz, who also announces the nature of the improvements.

SAN FRANCISCO—Bids will be asked by Board of Public Works in near future for the repair of elevators in city buildings. The supervisors have authorized the preparation of specifications for work.

RED BLUFF, Tehama Co., Cal.—The Bd. of Supervisors on Sept. 18 awarded two contracts for furnishings and fixtures in the new Tehama county court house at Red Bluff. In one the bid of W. C. Bickler & Son, of Red Bluff, for floor coverings and window shades, at \$6713, was accepted.

The other bid accepted was that of the Boyd Lighting Company of San Francisco for electrical fixtures, at \$6200.

Geo. C. Sellen Co., of Sacramento, are the architects.

PALO ALTO. Santa Clara Co., Cal.—Until Oct. 5, 7:30 p. m., bids will be rec. by Willis C. Thelms, president, Library Board, for covering main floor of present and new library building with linoleum or cork carpet. Barge J. Clark, architect, 600 Embarcadero Road, Palo Alto. See call for bids under official proposal section in this issue.

RESIDENCES**Contract Awarded.**

RESIDENCE. Cost, \$11,500
SAN FRANCISCO, NE Lyon & Filbert.
Two-story and basement frame res.
Owner—C. F. Tramutolo, 68 Post.
Architect—A. Toluboff, 1915 Baker St.
Contractor—Hamilton & Costello, 5811

Plans Ready for Figures Next Week.
RESIDENCE, ETC. Cost, \$13,000
SAN FRANCISCO, In Butchertown.
Seven-room brick residence and garage.
Owner—Withheld.
Architect—Albert J. Fabre, 110 Sutter St., San Francisco.

RESIDENCE

BERKELEY, NE Russell and Pine Path
Two-story and basement frame stucco residence (8 rooms and separate garage).

Owner—Mrs. Sarah Kellar.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.

Contractor—A. J. McInnes.
The second lowest bidder is A. Tex-Jahl at \$13,750. Walter Mork submitted the lowest bid for oil burning hot air system at \$663. His bid has been taken under advisement.

Contract Awarded.

RESIDENCE. Cost, \$13,000
OAKLAND, Alameda Co., Cal. S. Long-bridge & E Northvale Path.
Two-story 10-room frame residence.
Owner—H. Wiking, Oakland.
Contractor—Fred Strang, 2221 San Antonio, Alameda.

Contract Awarded.

RESIDENCE. Cost, \$16,000
OAKLAND, N Longridge Road 350 W Paloma.
Two-story 10-room residence.
Owner—D. P. N. Jacobsen, 479 Cheney St., Oakland.
Architect—None.
Contractor—W. E. Whalin, 323 Lester Ave., Oakland.

To Be Done By Day's Work.

DWELLINGS. Cost, \$4000 ea
SAN FRANCISCO, E 7th Ave. 100 S. Carbrillo and E 15th Ave. 175, 200 and 225 Fulton and W 23rd Ave. 226 S. Clement.

Five 1-story and basement frame dwlg.
Owner—E. A. Janssen, 402 Hearst Bldg.
Architect—None

To Be Done by Day's Work.

RESIDENCE. Cost, \$9,000
SAN FRANCISCO, N Jackson Street near Presidio Ave.

Two-story 8-room frame and stucco residence and concrete garage.
Owner—Miss A. W. Dulsenberg.
Architect—D. J. Patterson, 46 Kearny St., San Francisco.

Excavating and concrete work awarded to Stone & Germetti.

RESIDENCE

BURLINGAME, San Mateo Co., Cal.
Two-story and basement frame and plaster residence.

Owner—Mrs. Silas D. Sinton, 420 Turner Terrace, San Mateo.
Architect—Albert Farr and J. F. Ward, Foxcroft Bldg., San Francisco.

Plans Being Prepared—Figures to Be Taken in a Few Days.

RESIDENCE. Cost, \$3000
PIEDMONT, Alameda Co., Cal.
Two-story frame and stucco residence and garage (7 rooms).

Owner—Withheld.
Architect—E. E. Milwain, Albany Bldg., Oakland.

Contract Awarded.

DWELLINGS. Cost, \$11,000
OAKLAND, S Santa Ray 290 E Viona.

Two 7-room dwellings.
Owner—Edw. Hooper, 1671 17th St., Oakland.

Contractor—A. B. Walters, 432 Hudson Oakland.

To Be Done By Day's Work.

DWELLINGS. Cost, \$3600 ea
OAKLAND, E Bartlett N Brookdale.

Six 1-story 6-room dwellings.
Owner—C. M. McGregor, 470 13th St., Oakland.

To Be Done By Day's Work.

DWELLINGS. Cost, \$3000 ea
SAN FRANCISCO, S Army 50 to 150 E York.

Five 1-story and basement frame dwlg.
Owner—W. H. Grah, 2840 Bryant St.

To Be Done By Day's Work.

DWLGs. Cost, \$4850 to \$5000 ea
OAKLAND, W Barrows Rd. 150 to 360 Oak Creek Road.

Six 1-story 6-room frame dwellings.
Owner—J. B. Peppin, 831 Trestle Glen, Oakland.

Figures to Be Taken Shortly.
RESIDENCE Cost, \$12,000
BURLINGAME, San Mateo Co., Cal.
 Two-story frame and plaster residence and separate garage (7 rooms; tile roof).
 Owner—Mr. Ingold.
 Architect—H. C. Baumann, 251 Kearny St., San Francisco.
 Figures are being taken in a few days for a general contract.

Contract Awarded.
RESIDENCE Cost, Approximately \$16,500.
PIEDMONT, Alameda Co., Cal. Sheridan Avenue.
 Two-story frame and plaster residence. Owner—Judge Everett Brown, Bank of Italy Bldg., Oakland.
 Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
 Contractor—A. F. Marshall, 1136 10th Ave., Oakland.

Contract Awarded.
DWELLINGS Cost, \$5000 each.
SAN FRANCISCO, Santa Ynez Ave. (Mission Terrace).
 Five two-story frame dwellings.
 Owner—Mission Terrace Co.
 Architect—H. C. Baumann, 251 Kearny St., San Francisco.
 Contractor—Olaf Olsen, 260 Granada Ave., San Francisco.

Contract Awarded.
DWELLINGS Cost, \$3000 ea.
SAN FRANCISCO, E. San Jose Ave.
 Ten 1-story and basement frame dwlg.s.
 Owner—Walter E. Hansen, 2235 Market St.
 Architect—Ida F. McCain, 318 Kearny St., San Francisco.
 Contractor—Walter E. Hansen & O. Kafka, 2235 Market St.

Plans Being Figured.
RESIDENCE Cost, \$12,000.
PIEDMONT, Alameda Co., Cal.
 Two-story frame and stucco residence and separate garage (9 rooms).
 Owner—A. A. Masten.
 Architect—Masten % Hurd, 168 Sutter St., San Francisco.
 Figures are being taken for a general contract.

Contract Awarded.
RESIDENCE Cost, \$12,233.
LOS GATOS, Santa Clara Co., Cal.
 Two-story frame and plaster residence and a one-story garage.
 Owner—Olive W. Knowles.
 Architect—Binder & Curtis, 255½ N. 1st St., San Jose.
 Contractor—R. L. Jorgensen.

SCHOOLS

Low Bidder.
SCHOOL Cost, \$14,500 approx.
SACRAMENTO COUNTY, Cal. SW Brighton Ave., and Lemon Hill Ave.
 One-story 2-room frame and plaster school.
 Owner—Bidder Creek School District.
 Architect—E. C. Hemmings, Ochsen Bldg., Sacramento.
Low Bidder—Herndon Finnigan, 1314 17th St., Sacramento.

General Contract Awarded.
SCHOOL Cost, \$34,820.
MORGAN HILL, Santa Clara Co., Cal.
 One-story frame and plaster school.
 Owner—Morgan Hill Grammar School District.
 Architect—W. H. Weeks, 369 Pine St., San Francisco.
 Contractor—John D. Carlson, Turlock.

Commissioned to Prepare Plans.
SCHOOL Cost, \$225,000.
RIVERSIDE, Riverside Co., Cal. Lincoln School on W-Sixth St.
 Two-story 10-room fireproof school.
 Owner—City of Riverside.
 Architect—G. Stanley Wilson, Riverside, Calif.

Plans Being Prepared.
ADDITION Cost, \$13,000.
HOLISTER, San Benito Co., Cal.
 High school addition.
 Owner—San Benito County High School.
 Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Figured.
SCHOOL Cost, \$100,000.
MONTEREY, Monterey Co., Cal.
 One-story reinforced conc. high school (8 rooms and an auditorium).
 Owner—Monterey Union High School District.
 Architect—Norman R. Coulter, 46 Kearny St., San Francisco, and M. A. Deane, 162 Pacific Ave., Pacific Grove.
See call for bids under official proposal section in this issue.

Plans Being Figured—Bids Close October 14, 1922 at 2 p. m.
HIGH SCHOOL Cost, \$150,000.
EXETER, Tulare Co., Cal.
 Three reinforced concrete high school buildings (gymnasium, auditorium and domestic science).
 Owner—Exeter High School District.
 Architect—W. H. Weeks, 369 Pine St., San Francisco.

Bids are being called for a general contract with separate bids for the heating.
 Plans will be obtainable at the architect's office the end of next week.

Plans Being Figured.—Bids Close Oct. 10, 1922 at 2 p. m.
GARAGE Cost—
TAFT, Kern Co., Cal.
 Garage building for high school.
 Owner—Taft Union High School Dist.
 Architect—W. H. Weeks, 369 Pine St., San Francisco.
 Plans may be obtained from Mr. Week's office.

Preliminary Plans Being Prepared.
SCHOOL BLDG. Cost, \$1,000,000.
OAKLAND, Alameda Co., Cal., Park Blvd. and Hopkins Sts. (Susan B. Anthony Junior High School).
 Fireproof high school building.
 Owner—City of Oakland.
 Architect—C. W. Dickey, school architect, Broadway, Oakland.
 Only \$100,000 is available for the building at the present time. It will be built in units.

Date of Opening Bids Indefinitely Postponed.
SCHOOL Cost, \$39,000.
FOIT BRAGG, Mendocino Co., Cal.
 One-story frame and rustic 16-room and auditorium school.
 Owner—Fort Bragg School District.
 Architect—Geo. C. Selton & Co., Milau Bldg., Sacramento.
 The date of opening bids has been indefinitely postponed on account of some changes to be made in the plans or specifications. Bids were to have been opened Sept. 21.

Contract Awarded.
AUDITORIUM Cost, \$50,000.
RICHMOND, Contra Costa Co., Cal.
 Hollow tile and concrete auditorium.
 Owner—Richmond Board of Education.
 Architect—Jas. T. Nabett, 906 MacDonald Ave., Richmond.
 Heating—Engineers—Leland & Haley.
General Contract awarded to P. Sanford, 914 MacDonald Ave., Richmond, at \$58,492.
Heating Contract awarded to J. I. Collins, 252 17th St., Richmond, at \$4600.

A. E. Leitch

Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

Figures to Be Taken Shortly.
ADDITION Cost, \$60,000.
PALLON, Nevada.
 Two-story frame and stucco school add.
 Owner—Churchill County High School District.
 Architect—Woodlett & Lamb, Hagelstein Bldg., Sacramento.
 Bids for the concrete basement and boiler room will be taken the first part of next week.

Contract Awarded.
SCHOOL Cost, \$28,168.
OWENS VALLEY, Inyo Co., Cal.
 One-story class B reinforced concrete school 88x71.
 Owner—Owens Valley Union High School District.
 Architect—W. P. Middleton, Bishop.
 Contractor—A. O. Adams.

SAN LORENZO, Alameda Co., Cal.
 Until October 2, 7:30 P. M., bids will be received by Reht. King, Clerk, San Lorenzo School District, to construct a one-story frame school, 16 rooms and an auditorium. Certified check of \$500 required with each bid. Plans may be had from clerk or office of Architect, Henry C. Smith, 785 Market St., San Francisco. **See call for bids under official proposal section in this issue.**

'CHICO, Butte Co., Cal.—Until Sept. 29, 5 P. M., bids will be received by Chas. H. Camper, Clerk, Chico High School District, to construct shop building, bleachers, furnishing lockers, landscape work, etc., installation of sprinkler system, etc. **See call for bids under official proposal section in this issue.**

HANFORD, Kings Co., Cal.—Shouman, Hanford, at \$262 yd. awarded contract by Hanford High School District to furnish and lay 100 yds. linoleum in school library. Other bids: Hulke-Bradford Co., \$44; Mission St. San Francisco, \$3.50; Horton Furniture Co., \$3.50; Weber Co., \$2.75.

RICHMOND, Contra Costa Co., Cal.—The Board of Education of the City of Richmond received bids on September 15th for the construction of a hollow tile and concrete auditorium building to be erected at the Roosevelt Junior High School. Plans were prepared by Architect James T. Nabett, 906 MacDonald Ave., Richmond. The heating and ventilating plans were prepared by Engineers Leland & Haley, 58 Sutter street, San Francisco. The bids ran high and will probably be rejected and new bids called for. Following is a complete list of the bids:

General Contract
 P. M. Sanford, Richmond,.....\$60,922
 Carl Overaa, Richmond,.....62,459
 McGinty & Sons, Oakland,.....63,362
Heating
 Scott Co. Oakland,.....\$3872
 John Collins, Richmond,.....4600
 W. K. Nottingham, Oakland,.....5404

WHITTIER, L. A. Co., Cal.—Darrell Condit, who was low bidder on girls' gymnasium at \$74,596 and on A. Building & Contracting Co., low bidder on manual arts building at \$35,358 for erecting two one-story reinforced concrete school units at the Whittier High School, W. E. McArthur was low bidder on plumbing in manual arts building at \$2831 and girls' gym. at \$6910. F. E. Newbery Elec. Co. was low bidder on wiring in girls' gym. at \$1147 and H. H. Walker was low bidder for wiring in manual arts bldg. at \$1234. All contracts will be awarded to the low bidders. Myron Hunt, 1107 Hibernian Bldg., Los Angeles, architect.

BURLINGAME, San Mateo Co., Cal.—Until Oct. 2, 8 p. m., bids will be rec. by Mrs. J. M. Vickerson, clerk Burlingame Grammar School District, to const 2-room addition to Roosevelt school, E. L. Norberg, architect, 407 Occidental Ave., Burlingame. **See call for bids under official proposal section in this issue.**

MIDWAY, Kern Co., Cal.—Until Oct. 3, 7:30 p. m., bids will be rec. by Midway School to install gas steam radiators in school building. **See call for bids under official proposal section in this issue.**

LONG BEACH, Los Angeles Co., Cal.—Archts. John C. Austin, 1129 Baker, Detweiler Bldg., Los Angeles, and W. Horace Austin, 222 First Natl. Bank Bldg., Long Beach, assoc., have been commissioned to prepare plans for \$100,000, 2-story brick elementary school building for 14th St. and Pacific Ave., Long Beach. Nine standard classrooms, administration offices, open air study rooms and kindergarten.

SACRAMENTO, Cal.—The following bids were received on September 14th, by the Board of Trustees of the Elder Creek School District in Sacramento County for the construction of a two-room frame school addition. Plans were prepared by Architect E. C. Hemmings, Ochsner Bldg., Sacramento. The bids were taken under advisement.

Herndon & Finnigan, 1814 17th St., Sacramento.....	\$14,257
Wm. Murrell, Sacramento.....	15,670
Silber Bros., Sacramento.....	17,590

PORTLAND, Ore.—Architect Edmund Bergholtz, Spalding Bldg., preparing plans for 12-room, 100x100 ft. one-story hollow tile and steel school to be erected at Camas, Wash.

OAKLAND, Alameda Co., Cal.—Bids were received as follows on Sept. 18, by the Board of Education of the City of Oakland, for the tile roofing and interior equipment for the Vocational High School located on the block bounded by Myrtle, 25th, Filbert and 26th Sts. All bids were taken under advisement.

Tile Work

Gladding-McBean Co., Crocker Bldg., San Francisco.....\$6,955
N. Clark and Son, S. F.....9,400

Interior Equipment

S. Kulchark & Co., 5th Ave., and E. 10th St., Oakland.....\$27,854
R. W. Littlefield, Oakland.....35,000
Schnebly & Hostetraver, Okd.....35,274
All bids for Brick Work for the Golden Gate High School Were Returned Unopened.

All bids received on Sept. 18 by the Board were returned unopened on account of the District Attorney not having rendered his decision on rejecting all bids for the brick work opened on August 21. The final decision will be given at the next meeting of the Board.

OAKLAND, Alameda Co., Cal.—The Oakland Board of Education has awarded contracts as follows for work in connection with the construction of a two and three-story reinforced concrete and hollow tile school building to be known as the Theodore Roosevelt High School, to be located on the two blocks extending from 15th Avenue to 20th Avenue and from East 15th St. to East 20th St. All bids for the general work were rejected and new bids will be called for.

Plumbing

H. G. Newman, 522 16th, Okd.....\$39,496

Heating and Ventilating

W. H. Picard, 5656 College, Okd. 43,107

Electrical Work

NePage McKinney Co., 518 18th St., Oakland.....73,900

The Roofing

Gladding-McBean Co., Crocker Bldg., San Francisco.....5,740

Painting

J. J. Burdon, 571 9th St., Richmond.....17,630

Lathing and Plastering

Geo. Dixon, 541 Apgar St., Okd.....49,943

The general work includes excavating and grading, concrete, brick and terra cotta, carpenter work, miscellaneous, ornamental and structural iron work, sheet metal work, built-up roofing work, and elevator work.

SACRAMENTO, Cal.—Until Oct. 2, 5 p. m., bids will be received by Chas. Hughes, sec. Board of Education, for fur, and install, window and transom shade in new high school, exclusive of auditorium. Bids will be considered for any type of shade, except that it is expressly understood that where the roller type of shade is proposed the material shall be of Holland Linen, and Hartshorn rollers 1½ in. on lower windows and 1¼ in. for transoms. Specimens be had from Sec'y., Room 301 City Hall.

SUSANVILLE, Lassen Co., Cal.—Lupben-Hawley & Tins, 506 7th St. Sacramento, have been awarded a contract by the Board of Trustees of the Susanville High School District for installing a low pressure steam heating plant in the new school. Contract price approximately \$10,800. Woollett & Lamb, Hagelstein Bldg., Sacramento, are the architects.

BERKELEY, Alameda Co., Cal.—The Berkeley Board of Education opened bids and awarded contracts for school improvements as follows:

Plumbing Work in Garfield Gymnasium
H. P. Murphy.....\$774
Robert Annis.....798
Thos. Condon.....798

Contract awarded to H. P. Murphy.

Wiring and Electric Fixtures in Burbank School
Ernest A. McGinty.....\$1335
Contract awarded to Mr. McGinty, the only bidder.

NEVADA CITY, Nevada Co., Cal.—Montague Range and Furnace Co., 826 Mission St., San Francisco, at \$2074, awarded contract by Board of Education to install heating system in Washington school. Mangrum and Otter, San Francisco, only other bidder at \$3077.

NEVADA CITY, Nevada Co., Cal.—Alpha Hardware Co., Nevada City, only bidder, at \$1790, awarded contract by Board of Education to install lavatories and toilets in Washington school.

STORES AND OFFICES

Figures to Be Taken Shortly.
RESTAURANT BLDG. Cost, \$75,000.
SAN FRANCISCO, N. Ellis 171-10 W Powell.

Three-story reinforced concrete restaurant and loft bldg. 34x137-6.
Owner—Walter H. Sullivan.

Lessee—C. A. Compton.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.

Plans Being Prepared.

REMODELING Cost.....
SAN FRANCISCO, 168 O'Farrell St.
Extensive remodeling of Tailor's Cafe to be known as "Le Palais Royal."

Owner—Winter Garden, Inc. (a Los Angeles Corp.) Wm. H. Simon, sec.
Architect—Ward & Blohme, 454 California St., S. F.

Work will be started immediately.

Contract Awarded.
STORE BLDG. Cost, \$118,000.
LOS ANGELES, L. A. Co., Cal.
Six-story Class A store and loft bldg. 40x115

Owner—South Broadway Building Co.
Architect—Edwin Berstrom, Citizens National Bank Bldg., L. A.

Contractor—Clinton Construction Co., Stock Exchange Bldg., L. A.

Contract Awarded.
STORE BLDG. Cost, \$16,000.
OAKLAND, N. 16th St. 200 W. Telegraph.

One-story concrete store building.
Owner—R. and T. Leplace, 1319 Washington St., Oakland.

Architect—Reed & Corlett, Oakland Bk Bldg., Oakland.
Contractor—F. A. Muller, Syndicate Bldg., Oakland.

Contract Awarded.
ADDITION Cost, \$10,000.
SAN JOSE, Santa Clara Co., Cal. 166 W. Taylor St.

Addition to business building.
Owner—M. Costere, premises.
Architect and Contractor—Al Compton.

Ready for Figures in Ten Days.
STORE BLDG. Cost, \$70,000.
SAN FRANCISCO, N. Sutter bet. Mason and Taylor Sts.

Three-story and basement reinforced concrete studio and store building. 51x125-6 (17 studio suites and 3 stores).
Owner—Frederick & Jackson.
Architects—Frederick W. Quandt, Monadnock Bldg., San Francisco.

Excavation and Foundation Contract Awarded Cost, \$200,000.
OFFICE BLDG. Cost, \$200,000.
FULLERTON, Orange Co., Cal. S. E. Spradua Road and Wilshire Ave.
Five-story steel and terra cotta office building 75x130.
Owner—C. C. Chapman.
Architect—Al. Eugene Durfee, 5 Cas-son Bldg., Anaheim.

The excavating and foundation work has been awarded to Ross & Ritchey, of Long Beach at \$15,000. All contracts will be awarded by the owner.

Concrete Contract Awarded.
OFFICE BLDG. Cost, \$40,000.
REDWOOD CITY, San Mateo Co., Cal. Broadway and Hamilton Sts.

One-story reinforced concrete Class C office building.
Owner—California Pacific Title Insurance Company.

Architect—G. Albert Lansburgh, 140 Montgomery St., San Francisco.

Concrete work awarded to Vincenzo Fassio, 85 Ramona St., San Francisco at \$4840. Other contracts will be awarded shortly.

Contract Awarded.
STORE BLDG. Cost, \$13,000.
SAN FRANCISCO, N. Washington 40 W Grant Ave.

Three-story concrete stores and 2 flats. Owner—Lee Song, 733 Grant Ave.
Architect—Ward & Blohme, 454 California St., S. F.
Contractor—Barrett & Hilp, Sharon Building, S. F.

Plans Being Figured.
STORE BLDG. Cost, \$8000.
SAN FRANCISCO. Hayes and Ashbury Streets.

One-story frame store building.
Owner—Witaheld.
Architect—O'Brien Bros., 240 Montgomery St., San Francisco.

GLENDALE, Cal.—Elmer Elliott, 612 E. Elk Ave., Glendale, has the general contract for erecting a four-story and basement store and office building at the southwest corner of Brand Blvd. and Wilson St., Glendale, for John Lawson. Alfred F. Priest, 716 Fay Bldg., Los Angeles, is the Architect. H. E. Betz, Glendale, has the contract for the brick work; N. T. Siberey, Glendale, has the contract for excavating and concrete work; Theodore Fothergill, terra cotta, and Wilson-Bell Co., hardware. The building will cost, complete, about \$186,000.

THEATRES

Heating and Ventilating Figures Being Taken.

ALTERATIONS Cost, \$40,000.
SACRAMENTO, Cal. No. 615 K St. Al-

terations to theatre also heating and ventilating plants.

Owner—Turner & Dahken.
Architect—E. C. Hemmings, Ochsner Bldg., Sacramento.
(41607) 1st report March 8, 1922; 2nd

Contract Signed.
THEATRE Cost, \$85,000 Approx.
WATSONVILLE, Cal.

Reinforced concrete theatre.
Owner—Ajajaro Theatre.
Architect—G. A. Lansburgh, 709 Mission St., San Francisco.

Contractor—West Coast Constr. Co., Clunie Bldg., San Francisco.

Contract Awarded.
ALTERATIONS Cost, \$20,000.
GRASS VALLEY, Nevada Co., Cal.

Extensive alterations to theatre.
Owner—Grass Valley Theatre Corp.

Architect—Wm. Mooser, Nevada Bank Bldg., S. F.
Contractor—E. T. Leiter & Son, Cal. Bldg., San Francisco.

PORTLAND, Ore.—Architects Clausen and Clausen, Macleay Bldg., preparing plans for 4-story moving picture theatre, seating 1000, to be erected in Sandy Blvd. for Thietts and Garrius; est. cost \$75,000. Irregular shape, 115x148x90 ft.

EARLE R. CLEMENS,
Secretary

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of The California Highway Commission, 515 Fort Building, Sacramento, Cal., until 2 o'clock P. M., on October 10, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

San Mateo County, between Sneath Road and Half Moon Bay Road (IV-SM-55-A and B), about thirteen and five-tenths (13.5) miles in length, to be graded and surfaced with gravel.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission
AUSTIN B. LUTCHER,
State Highway Engineer.
R. A. MURRAY, Secretary.

Dated September 15, 1922.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned on September 22, 1922, for constructing portions of the State Highway System as follows:

(1) Bids received until, and opened at 2:30 p. m., for grading and placing asphalt macadam in Washoe county from Reno to Purdy.

(2) Bids received until, and opened at 3:30 p. m., for grading, construction of culverts and placing cement concrete surface in Churchill County, between the west and east city limits of Fallon.

Plans may be examined and form of proposal, contract and specifications secured at the office of the undersigned; may also be examined at the County Clerk's office in Fallon for Churchill County work; and in Reno for Washoe County work; may also be examined at the Division Engineer's office in Las Vegas, Elko or Reno, and Dist. Office in the Bureau of Public Roads, Mills Building, San Francisco, California. Cash deposit of Fifteen Dollars (\$15) with the undersigned required for copy of plans which will be refunded on their return in good condition. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the contract and specifications. Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

NOTICE INVITING SEALED PROPOSALS FOR THE CONSTRUCTION OF A HIGH SCHOOL BUILDING AT MONTEREY

Notice is hereby given by the Board of Trustees of the Monterey Union High School District, at Monterey, California, that sealed bids will be received by said Board for the erection and construction of a new High School Building at Monterey, in said District, in accordance with the plans and specification adopted by said Board of Trustees on the 13th day of September, 1922 and now on file in the office of the Clerk of said Board of Trustees.

Plans and specifications may be obtained from the Clerk of the Board or from the Architects, Norman B. Coulter at 46 Kearny Street, San Francisco, Cal. or Marshall A. Deane, 162 Pacific Avenue, San Francisco, Cal. A deposit of Ten Dollars (\$10) will be required for each set of plans.

All bids will be opened by the said Board of Trustees on the 7th day of October, 1922, at 1:30 o'clock p. m., at the Monterey Union High School building, Monterey, California, and all bids must be delivered to Mr. James McIntosh, Clerk of said Board, before that hour, enclosed in sealed envelope, and marked on the outside for the construction of High School Building at Monterey.

All bids must be accompanied by a certified check, cash or a certificate of deposit equal to Ten (10) per cent of the amount bid; checks or certificates of deposit to be made payable to the Board of Trustees and to be returned to the parties tendering whose bid or bids are not accepted, and to the party whose bid is accepted, upon his entering into a Contract with the said School District and giving such bonds as may be required by Law or by said Board.

The Board of Trustees reserves the right to reject any and all bids.

JAMES MCINTOSH
Clerk of the Board of Trustees of the Monterey Union High School District, Monterey, California.

NOTICE TO CONTRACTORS

(Burlingame School Addition)

Notice is hereby given that the undersigned trustees of the Burlingame Grammar School District, San Mateo County, California, will receive bids at the Howard Avenue School, Burlingame for the addition of two class rooms to the Roosevelt School Building, located in said district, until to the hour of eight (8) o'clock p. m., on Monday, the 27th day of October, 1922, at which time and place said bids will be publicly opened.

All bids must be addressed to Mrs. J. M. Sorenson, Clerk of the Board, and must be accompanied by a certified check made payable to the order of aforesaid clerk in amount equal to at least ten (10) per cent of the largest bid so submitted, and no proposal will be considered by said Board unless accompanied by such check.

The said check to be forfeited to said Burlingame Grammar School District as aforesaid, and in case of damages in case the successful bidder fails or refuses to enter into a contract to perform the work, and give the bonds required, within ten days after the date of the award.

The plans and specifications for said works may be obtained from E. L. Norberg, architect, 407 Occidental Avenue, Burlingame.

The said Board of Trustees expressly reserves the right to reject any and all bids.

Done by the order of the Board of Trustees of the Burlingame Grammar School District, County of San Mateo, State of California.

F. H. THRALL, Chairman,
RUFUS H. KIMBALL, Trustee,
MRS. M. M. NICKERSON,
Clerk of Board of Trustees.

NOTICE TO CONTRACTORS

(Gas Steam Radiator)

The Bids will be received by the Board of Trustees of the Midway School District until Oct. 3, at 7:30 p. m., for turning and installing complete unit systems, gas, steam radiators, in what

is known as kindergarten and old building as per specifications on file with clerk of the board. All bids must be accompanied by certified check for 10 per cent of bid payable to the Midway School District. The board reserves the right to reject any or all bids.

E. L. WILLIAMS,
B. E. WILLIAMS,
Trustees.

NOTICE TO BIDDERS (Cement)

Turlock Irrigation District, and Modesto Irrigation District, Stanislaus and Merced Cos., Cal.

JOINT STORAGE WORKS

Sealed proposals will be received at the office of the Turlock Irrigation District, at Turlock, California, until Friday, Sept. 29, 1922 at ten o'clock a.m. for furnishing and delivering from fifty thousand (50,000) barrels to seventy-five thousand (75,000) barrels of Portland cement, f. o. b. cars Don Pedro Dam. The cement must meet the standard specifications for cement adopted by the American Society for testing materials and must be delivered on a schedule provided by the districts. Delivery to be at the rate of about four cars daily during October, November and December, 1922.

The contract will be let to the lowest bidder, but the boards reserve the right to reject any or all bids.

Each proposal must be accompanied by a certified check for five (5) per cent of the amount of the bid, payable to the order of the treasurer of the Turlock Irrigation District, for the benefit of said districts as a guaranty that the bidders, so if successful, will execute a satisfactory contract and furnish a bond in the sum of not less than twenty-five (25) per cent of the amount of his bid to be subject to the approval of the boards.

The proposals must be marked "Proposals for Cement for Don Pedro Storage Project" and addressed "Anna Sorensen, Secretary Turlock Irrigation District, Turlock, California."

Done in pursuance of orders of the Boards of Directors of the Turlock Irrigation District and the Modesto Irrigation District, this 5th day of September, 1922.

ANNA SORESEN,
Sec. Turlock Irrigation Dist.
C. S. ABBOTT,
Sec. Modesto Irrigation Dist.

NOTICE FOR BIDS FOR PIPELINE—PARADISE IRRIGATION DIST.

Sealed proposals will be received by the Board of Directors of the Paradise Irrigation Dist at their office at Paradise, Butte County, Cal., until 10 o'clock a. m., on Tuesday, the 3rd day of October, 1922, at which time the said bids will be opened, for the following work, or any part or parts thereof, to wit: Replacing of 13,160 feet of main canal with pipeline (said pipeline to have a carrying capacity of approximately 40 cubic feet per second when operating under a head of 45 feet) as follows:

(a) Thirteen thousand one hundred sixty feet open ditch to be modified in part and prepared to receive pipeline.

(b) Hauling and distributing of 13,160 feet of pipeline materials.

(c) Thirteen thousand one hundred sixty feet pipe line laid in place.

(d) Control gates and other necessary appurtenances.

Plans and specifications may be seen at the office of said Board and copies may be obtained from L. M. Edwards, superintendent, at two dollars per set.

The right is reserved to reject any and all bids, or to accept the bid or bids which are deemed to be to the best interests of the district.

Successful bidders shall enter into contract and give bond in accordance with law.

By order of the Board of Directors of the Paradise Irrigation District, dated September 5, 1922.

L. M. EDWARDS,
Superintendent.
G. C. BILLIE,
Secretary.

(Continued on Page 34)

Engineering News Section

BRIDGES, DAMS & HARBOR WORK

OAKDALE, Stanislaus Co., Cal.—Plans for the Melones dam and reservoir prepared by Engineer A. J. Wiley have been approved by Engineers R. E. Hartley, of the Oakdale Irrigation District, and C. W. Wood, of the South San Joaquin District. The two districts will jointly build the dam, which, it is estimated, will cost approximately \$1,750,000. The reservoir will have a capacity of 109,920 acre feet. All the preliminary borings have been completed, indicating that the foundations will rest on solid rock.

STOCKTON, San Joaquin Co., Cal.—Until Sept. 23, 10:30 a. m., bids will be received by A. L. Banks, city clerk, to const. rein. conc. bridge in Center St. over Mormon Channel. Cert. check payable to city clerk required. Plans may be had from City Eng. W. B. Hogan.

OAKLAND, Cal.—City Harbor Eng. Ralph Beebe has prepared preliminary data for a mile long, 1000 ft wide municipal mole (cutting through the 289 acres which the Key Route proposes to sell to the Southern Pacific) out to deep water. The mole will extend from the foot of 14th St., out to the deep water line, paralleling the S. P. Mole at 7th St. Preliminary plans provide for a solid earth and rock fill 1000 ft. wide and 6000 ft. long. Along the northern and southern sides, channels will be dredged 35 feet deep to allow for ocean going ships. Along the center pier will run an avenue 200 ft. wide and 600 ft. long, having on each side a strip 400 ft. wide for railway tracks. Adjoining each of these will be a row of five-story docks and warehouses, containing car elevators to be used for commercial and industrial purposes.

ANAHEIM, Cal.—Prendergast Co. Co., 1321 Washington Bldg., Los Angeles, awarded contract at \$18,550 for structing Pratt Dam No. 2 at canal intake, Santa Ana River, for Anaheim Union Water Co. Company will furnish materials. Dam will be L-shaped, one section 216 ft. long and the other 136 ft. 6x6 in. wire mesh will be used in 60-lb. steel rails 30 ft. long used for piles. There will also be lumber and rip-rap work. Other bids were: Robinson-Roberts Co., \$19,470; R. H. Travers \$18,980.

AUBURN, Placer Co., Cal.—Supervisors reject bids to construct bridge over Coon Creek. New bids will probably be asked.

NEWPORT BEACH, Cal.—The \$60,000 bond issue for purchase and improvement of old wharf at Newport carried at \$100,000 by the Newport Beach Improvement District No. 2.

PRESTON, Sonoma Co., Cal.—John Phillips, Sacramento, at 98c cu. ft., awards contract by State Engineering Department to raise dam at Preston Industrial School; also to dig ditch at \$1.25 cu. yd. for excavation and 10c sq. ft. conc. lining.

SANTA ROSA, Sonoma Co., Cal.—Until Oct. 11, 12 m., bids will be rec. by W. W. Felt, Jr., county clerk, to const. bridge on Valley Ford-Freestone highway, involv. 60 cu. yds. class B conc.; 6700 ft. B. M. timber.

Separate bids, same date, to const. 2 rein. conc. culverts on 2-Rock Fallon road, involv. 60 cu. yds. class A and B conc. R. Press Smith, county surveyor.

MERCED, Merced Co., Cal.—Until October 3, 10 a. m., bids will be received by P. J. Thornton, county clerk, to construct 5 rein. conc. bridges, as follows:

Bridge No. 26, over Canal on Merced-Chowchilla Road, about 14 miles south of Merced.

Bridge No. 27, over Canal on Merced-Chowchilla Road about 14 1/2 miles south of Merced.

Bridge No. 102, over Slough on the Hills Ferry and Murray Bridge Road, north side of Merced River and about one mile northeast of Hills Ferry bridge.

Bridge No. 106, over Dancer Slough, on Merced-Swilling and Merced Falls Road on the line between Sections 23 and 21, T. 5 S., R. 13 E., M. D. M.

Bridge No. 107, over South Slough, on the Merced and Dugan Ranch Rd. near the quarter corner between Sections 31 and 32, Twp. 7 S., R. 13 E., M. D. M.

Plans may be had from County Surv. G. E. Winton on deposit of \$10.

SACRAMENTO, Cal.—The California Highway Commission received bids on September 18 for the construction of two bridges as follows:

Mendocino County, across Cold Creek at Station 349 (I-Men-15-A), a bridge consisting of three thirty-foot reinforced concrete girder spans on concrete bents.

C. H. Gildersleeve, S. E., \$5,415

Engineers estimate \$5700.

Mendocino County, across Cold Creek at Station 373 (I-Men-15-A), a bridge consisting of two thirty-foot reinforced concrete girder spans with the necessary bent, abutments and wingwalls.

C. H. Gildersleeve, S. E., \$6,210

Engineer's estimate \$6750.

PORTLAND, Ore.—Until Oct. 5, bids will be received by State Highway Co. Multnomah County Courthouse, Portland, for following bridge projects:

Tillamook County—Three Rivers Section, McMinnville-Tillamook Highway. Two bridges near Dolph, requiring approximately 80 lin. feet piling, 4MFEM lumber and 800 lin. ft. wood trestle.

Umatilla County—Bridge over the U. S. R. 8 near Echo, Columbia River Highway, requiring approx. 115 cu. yds. conc., 13,000 lbs. metal reinforcement, 500 lin. ft. piling.

Wasco County—Dufur-Maupin Section, The Palouse-California Highway. Bridge over the White River near Tygh requiring approx. 205 cu. yds. concrete, 30,000 lbs. metal reinforcement, 105,000 lbs. structural steel.

Wasco County—County Road. Bridge over Deschutes River at Shearer, requiring approx. 70 cu. yds. concrete, 25,000 lbs. structural steel, 11 MFEM lumber.

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SAN JOSE, Santa Clara Co., Cal.—Wm. Martin, 456 Delmas St., San Jose, at \$2511 awarded contract by supervisors to const. rein. revetment on Bodfish Mill road, in Supervisor Dist. 1. Other bids: W. L. Lomax, \$3822; Jno. Williams, \$3200; surv. est. \$2710.

SAN FRANCISCO.—Approx. \$2,000,000 will be spent by the Government in widening and deepening the main channel across the bar to San Francisco harbor and in dredging the Oakland Harbor, according to Col. Herbert Hodgson, army engineer for the First San Francisco District, who has received the complete text of the rivers and harbors bill passed by Congress Sept. 12.

The bill provides that the channel across the bar to San Francisco harbor be made safer and deeper by dredging to 40 ft. deep at low tide and allowing an additional 1 ft. for an over-depth for the accumulation of silt. The channel is to be made 2000 ft. in width. At present, the channel is only 36 ft. deep. The estimated cost of the improvement to the bar channel is \$550,000, and the estimated cost of maintenance is \$100,000 annually. The bill provides for dredging the Oakland channel from its present depth of 26 1/2 ft. through the shoal southeast of Goat Island to a depth of 20 ft. and to a width of 800 ft. This passage through the low water will narrow down to 600 ft. at the end of the Oakland jetties. The estimated cost of the Oakland improvement is \$1,311,500. It is figured that the cost of maintenance will be \$60,000 annually.

RED BLUFF, Tehama Co., Cal.—Supervisors contemplate the const. of a bridge across Sacramento river at Bend or new 4-mile road out of Bend colony, via Paynes creek to connect with the Susanville-Red Bluff highway. It the bridge is decided upon the structure will have 3 spans 123 ft. each and 2 spans 95 ft. each, a total of 589 ft. of steel construction. In addition to this there would be 280 ft. of conc. trestle approach to each side. The four-mile road would cost approx. \$70,000. W. F. Lammert, county surv.

REDWOOD CITY, San Mateo Co., Cal.—Until Oct. 9, 10 a. m., bids will be rec. by Elmer M. Nash, county clerk, to construct rein. conc. box culvert and filling on crossing of Alameda Rd. at crossing of Madera creek. A. Kneese, county surv.

CALIFORNIA—Following bridge contracts awarded by State Highway Commission:

Rocca and Caletti, San Rafael, \$25,225 rein. conc. bridge in Lassen County over Susan river near Fredonia. Materials fur. by state, \$2091.

C. H. Gildersleeve, San Francisco, \$5415 rein. conc. bridge in Mendocino county, over Cold creek at Sta. 349. State fur. materials, \$5224.

I. C. Gildersleeve, \$6210 bridge over cold creek, at Sta. 373, Mendocino Co. State fur. material \$2562.

LOS ANGELES, Cal.—Until Oct. 21, 11 a. m., bids will be received by U. S. Engineer Office, 725 Central Bldg., for dredging in San Diego harbor.

IRRIGATION PROJECTS

TERRA BELLA, Tulare Co., Cal.—Until Oct. 3, 10:30 a. m., bids will be rec. by Earle R. Clemens, secretary, Deer Creek Ditch Co., for excavation of approximately 35,000 cu. yds. material from Deer Creek ditch. See call for bids under official proposal section in this issue.

OROVILLE, Butte Co., Cal.—Drainage District No. 1, comprising 6000 acres east and southeast of Gridley, proposes to clean out drains and improve works.

SAN DIEGO, Cal.—A syndicate of San Francisco and Sacramento men has purchased 1000 acres of farming land near Del Mar in the San Diego valley. The corporation to be known as the So. Cal. Farm Products Co. with capital of \$500,000 will develop the land. A drainage system consisting of 10-in. conc. pipe every 500 ft., with canals, etc., will be installed at once. The system will extend from Del Mar to the Santa Fe ranch pumping plant. C. M. Jackson, pres. of California Insurance Co., is head of the syndicate.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Paulson Constr. Co. submitted low bid to county super. at \$2924 for installing ornamental lighting system in Miramonte-Florence lighting dist. Other bids were: So. Cal. Elec. Co., \$3666; H. H. Walker, \$3800; C. W. Sparks, \$4433.50.

SAN BERNARDINO, Cal.—Res. of inten. adopted by city council for constr. ornamental lighting systems on the following streets: E St. bet. Rialto Ave. and 5th St., and E St., bet. Mill and Third Sts.

MERCED, Merced Co., Cal.—Until Oct. 3, 10 a. m. bids will be received by P. J. Thornton, county clerk, to install and maintain 25 100-candle power nitrogen lamps in Manana Lighting District.

LOS ANGELES, Cal.—Ord. of inten. adopted by city council to construct lighting system including posts and appliances in 14th St., bet. Beason St. and Pacific Ave., San Pedro St. Ord. No. 44573; 1911 Act; also for Palos Verdes St., bet. 6th and 13th St., San Pedro, Ord. No. 44571; 1911 Act; also Pacific Ave., bet. 14th St. and Hamilton Ave., San Pedro; Ord. No. 44580; 1911 Act.

PACIFIC GROVE, Monterey Co., Cal.—Until Oct. 9, 8 p. m. bids will be rec. by E. S. Johnston, city clerk, to install electrolier system in Forest Ave., bet. Pine and Lighthouse Aves., and Lighthouse Ave., bet. Fountain and 19th Sts. Plans may be had from clerk, H. D. Severance, city eng.

LOS ANGELES, Cal.—Until 11 a. m. Oct. 2, bids will be received by county supervisors to install an ornamental street lighting system in the National street lighting district, in accordance with plans and spec. on file at the office of the board. Cert. chkr. or bond, 10%. A. M. McPherson, deputy county clerk.

HAYWARD, Alameda Co., Cal.—City Eng. J. B. Holly preparing spec. for install. fifty to sixty electroliers in main business district. First units of system will cost \$5000. Other units will be ordered when first section is completed.

LOS ANGELES, Cal.—City Council adopted Ord. No. 44582, Sept. 15, ordering lighting posts, and appliances on Sunset Blvd., bet. Vista St. and Stanley. 1911 Act. Plans and spec. on file with city electrician, south city hall annex.

SAN BERNARDINO, Cal.—Colton and San Bernardino may cooperate to secure continuous lighting system on So. Mt. Vernon Ave., bet. the two cities.

SANTA ANA, Cal.—Property owners will ask city council for ornamental lights on W 4th St., bet. Ross and Artesia Sts. Seventy-five per cent of the owners have signed petition.

LOS ANGELES, Cal.—Ord. of inten. No. 44580 adopted by City Council Sept. 12, for constructing orn. lighting posts and appliances in Pacific Ave., bet. 14th St. and Hamilton Ave., San Pedro, 1911 Act.

LOMPOC, Cal.—City has an option to purchase the light and power system now supplying the town. The purchase

will be acted upon at once. The price asked is \$30,000 and a bond issue will be necessary.

SAN PEDRO, Cal.—Board of Public Works has under consideration plans and spec. for ornamental lights on Pacific Ave. bet. Fourteenth and Oliver St. R & E

MACHINERY

LERKELEY, Alameda Co., Cal.—City Council, E. M. Hann, clerk, adopts ordinance authorizing lease of a Model 1, 70-H 2-ton Garford motor truck and equipment with option to purchase same from W. C. Morse, 4270 Broadway, Oakland and the lease of a Model F 3½-ton Day-Elder truck with option to purchase from Weaver Wells Co., 3321 Broadway, Oakland.

CALISTOGA, Napa Co., Cal.—Until Oct. 2, 8 p. m. bids will be rec. by J. G. Finch, town clerk, to sink one or more wells to commence with 16-in. casing on Honolulu ranch near Calistoga reservoir. Cert. chkr. 10% payable to town recq. with each bid.

STOCKTON, San Joaquin Co., Cal.—J. E. Funk awarded 5-year contract by Rindge Land and Navigation Co., of Stockton to clean 150-miles of ditches on upper and lower Jones tracts and Palm tract, the latter being in Contra Costa county. Ditches are to be deepened to 4-ft. and kept clean to that depth.

ALHAMBRA, Cal.—Until 5 P. M. Oct. 2, bids will be rec. by city commission for cast iron bell and spigot class B pipe, in 12 ft. lengths, with C. I. class B bell fittings, as follows: 2100 ft. 18-in. 600 ft. 16-in., 111 ft. 14-in., 5700 ft. 12-in., and 1200 ft. 8-in. pipe. First alternative: delivery f. o. b. docks, San Pedro; second alternative, delivery along-side trenches, Alhambra. Cert. chkr. or bond, 25%. Grant M. Lorraine, city mgr.

NORTH FORK, Madera Co., Cal.—Until Sept. 30, 10 a. m. bids will be rec. by Elmer Gates, clerk. Residual School District for fur. one auto school bus for transportation of pupils.

TRACY, San Joaquin Co., Cal.—The Associated Pipe Line Co. will shortly commence the construction of a 31,500-gallon crude oil reservoir for reserve purposes.

LOS ANGELES, Cal.—Until 3 p. m. Sept. 23, bids will be rec. by Public Service Commission, 207 S. Bas St., for 26,723 tons 16-in. class B cast iron pipe, Spec. 622-B. Jas. P. Vroman, secretary.

RICHMOND, Contra Costa Co., Cal.—Until Oct. 4, 3 p. m. bids will be received by W. T. Helms, clerk Board of Education, 235 Tenth St., for fur. one school bus with seating capacity 40 pupils. Spec. may be had from clerk.

SACRAMENTO, Cal.—Until Oct. 2, 5 p. m. bids will be received by Chas. C. Hughes, sec. Board of Education, 301 City Hall, for fur. and del. approx. 3000 obls. more or less, to be used for school buildings, to be delivered in quantities as ordered for school year ending July 1, 1933; prices to be f. o. b. schools as ordered.

MODESTO, Stanislaus Co., Cal.—Ch. Eng. Percy Jones, of Modesto Irrigation District, contemplates spec. for transmission line from Don Pedro dam to district property in Woodland Ave., Modesto. Bids will be asked shortly.

RED BLUFF, Tehama Co., Cal.—City trustees are in market for motor truck for use of municipal water department. R & E

PASADENA, Cal.—Amer. Cast Iron Pipe Co. submitted low bid to city directors at \$26,923.65 for pipe as follows: 3000 ft. 4-in., 6000 ft. 6-in., 1350 ft. 8-in., 600 ft. 8-in., 3-ton 4-in. fittings, and 20 tons 6-in. fittings. Also at \$11-133.60 for 4800 ft. 8-in. and 2400 ft. 12-in. pipe. Other bids were: U. S. Cast

Iron Pipe & Fdy. Co.; \$27,427.27 and \$11,903.50 for 12 ft. lengths; \$27,336.90 and \$11,162.95 for 5 metre lengths; Pac. Pipe & Supply Co., \$27,072.44 and \$11,199.80; McVane Cast Iron Pipe Co., \$22.00 (4 and 6-in. only).

RAILROADS

POMONA, Cal.—Pac. Ry. Co. will extend line bet. San Dimas and Glendora. This 5-mile extension will cost about \$370,000. D. W. Pontius gen. mgr., Los Angeles; D. E. Foote, in charge of Pomona-Glendora dist.

PHOENIX, Arizona—Santa Fe Railway Co. is taking bids for erecting a new union depot at Phoenix, Ariz. for Santa Fe and Arizona Eastern Ry. Co's. The waiting room section will be two stories 10 to 60 ft. the remainder will be one story. It will contain offices, freight and express departments, lavatories, ticket offices, etc.; reinf. conc. construction, 475x125 ft., plain ex-st. steel tr. trusses. Meridian tile, pine trim, quarry tile and cem. fls., vitreous tile fls. in lavatories, steam heat. There will be a Mission style arcade, 250 ft. long. Bids are to be opened Oct. 19.

SEWERS, STREET WORK, RAILROADS & WATER SYSTEMS

YUBA CITY, Sutter Co., Cal.—Until Oct. 3, 10 a. m. bids will be received by Albert B. Brown, county clerk, to construct extension of Meridian-Kirkville road, from end of present conc. pavement in First St., Town of Meridian 766 ft. south of E St., and continuing south along county road for distance of 0.44 of a mile to be paved with rein. conc. 5-in. thick, 15-ft. wide, involving 8000 cu. yds. grading; 535 cu. yds. rein. conc. pavement. Contractor to furnish all materials. Oscar W. Lanzendorf, county road eng.

SANTA ROSA, Sonoma Co., Cal.—Until Oct. 10, 12 a. m. bids will be rec. by W. W. Felt, Jr., county clerk, for highway imp. as follows: Geversville-Jimtown road, Sec. A, 0.58 mile, involv. 1400 cu. yds. excav.; 510 cu. yds. crushed rock; 6110 cu. yds. asphalt surfacing; 50 ft. 12-in. soil, 5 ft. 15-in. and 50 ft. 18-in. corr. pipe. Sec. B, 0.58 mile, involv. 1400 cu. yds. excav.; 510 cu. yds. crushed rock; 6110 cu. yds. asphalt surfacing; 50 ft. 12-in. soil, 5 ft. 15-in. and 50 ft. 18-in. corr. pipe. R. Press Smith, county sur.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares intention to improve: Twelfth St., bet. Mission and Taylor; conc. curbs, gutters and walks.

Eighth St., bet. Virginia and Keyes; grading; paving with 3-in. bit. conc. base with 1½-in. Warrenite-Bit. surface. Also curbs, gutters and walks, 2 br. catchbasins; 8-in. vit. pipe drains. Wm. Popp, city eng.

FRESNO, Fresno Co., Cal.—Due to objections to the type of paving proposed (oil macadam) the county supervisors have empowered the paving of the county highway from Elm Ave., to Caruthers. The work will be undertaken next year. Chris P. Jensen, Cory Bldg., county sur.

HOLLISTER, San Benito Co., Cal.—Until Oct. 2, 2 p. m. bids will be rec. by Elmer Dowdy, county clerk, to imp. portion of Hollister and Cilroy (Bolsa) road. W. A. Winn, county sur.

BENICIA, Solano Co., Cal.—Until Sept. 26, 8 p. m. bids will be received by J. C. McAvray, city clerk, to repave 1st St., bet. J. and S. P. right-of-way, 46 ft. wide, by loosening present surface by means of a grader to depth of 3 in., removing 900 cu. yds. material; reshaping and relevel surface and cover with crushed rock; then coat with hot asphalt road oil with covering of rock screenings in quantity of 10 cu. yds. per 100 ft. surface. F. A. Steiger, city eng.

SANTA ROSA, Sonoma Co., Cal.—
 1918 Oct. 11, 12 m. blds will be rec.
 W. W. Felt, Jr., county clerk, to con-
 Petaluma-Sonoma highway, Sec. R,
 volving 9000 cu. yds. unclass. exca-
 2600 cu. yds. crushed rock; 32,166
 yds. asphaltic surfacing; 50 lin. ft.
 in., 50 lin. ft. 15-in. and 50 lin. ft. 18-
 corr. metal pipe. R. Press Smith, cot-
 ty surv.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention to improve portions of Bartlett St., between Brookdale Ave. and School St., grading conc. curbs and gutters; paving with oil macadam. 1911 Act. Protests Oct. 5. W. W. Harmon, city eng.

SANTA BARBARA, Cal.—Council declares intention to improve Sutton Ave. between San Pascual and San Andreas Sts. by grading, constructing curbs, combined conc. curbs and gutters; 1911 Act.

Intention declared to improve Valerio St. between Garden and Castillo Sts. by changing grade, paving with 6-in. cem. conc., constructing combined curb and gutters, conc. gutters, driveways, 6-in. vit. pipe main sewers; 1911 Act.

BURBANK, Cal. Until 7:30 p. m., Oct. 3, bids will be rec. by city trustees to pave Cypress Ave., bet. San Fernando Blvd. and Sunset Canyon Dr., with Willite paving 20 ft. wide; 1911 Act.

SANTA BARBARA, Cal.—Residents of La Mesa plan to lay their own water system and will be reimbursed for it by free water during the term of the bonded indebtedness.

MARTINEZ, Contra Costa Co., Cal.—E. E. Grow, 318 14th St., Richmond, at \$13,440 awarded contract by supervisors to pave 1/2-mile strip of Franklin Canyon highway at Hercules.

Mrs. E. E. O'Brien, Martinez, at \$4,593 awarded contract to grade and rock 3 miles of road between Clayton and Marsh Creek highway.

SOUTH PASADENA, Cal.—Until 5 p. m., Oct. 9, bids will be rec. by city trustees for improving Monterey road, involv. 101,400 sq. ft. macad., 11,000 sq. ft. conc. gutter, 365 ft. 16-in. storm drain, and 250 ft. sewer laterals; R. V. Orbinson, city mgr.

SAN FRANCISCO—C. B. Eaton, 407 11th St., at \$70,772 awarded cont. by Board of Public Works to imp. Collinswood St., bet. 20th and 22nd Sts., incl. const. of walls, steps, copings, landings, etc.; 23,500 cu. yds. cut; 4271 cu. yds. fill; 825 lin. ft. 12-in. and 1100 lin. ft. 8-in. sewer; 250 lin. ft. 6-in. side sewers; 110 lin. ft. 10-in. culverts; 48 8-in. and 41 12-in. wye branches; 17 hr. manholes; 1 lamphole; 2 hr. storm water inlets; 7 hr. catchbasins; reconstruct 2 catchbasins and 911 lin. ft. pipe railing.

BERKELEY, Alameda Co., Cal.—Schooner Eros, awarded cont. by council to const. conc. wall 7-ft. high in Arlington Ave., bet. Santa Barbara rd. bet. lower and upper roadway in Arlington Ave.

MADERA, Madera Co., Cal.—Until Oct. 1 5 p. m., bids will be rec. by G. N. Coker, city clerk, (pro-tem) to const. sewerage disposal plant. Cert. check for not less than \$2000 required. Plans may be had from clerk on deposit of \$10.

BERKELEY, Alameda Co., Cal.—Until Oct. 3, 10 a. m., bids will be received by E. M. Hann, city clerk, to improve Cedar St., bet. 8th and 1st Sts. by const. catchbasins and paving 16-ft. wide with oil macadam. 1911 Act.

Separate bids, same date, to const. comb. conc. curb and gutter in portions of Hancock Way and paving with bit. conc. 1911 Act. C. L. Higgins, city eng.

PACIFIC GROVE, Monterey Co., Cal.—City Trustees, E. S. Johnston, clerk, declare intention to imp. Forest Ave., bet. Pine and 2nd Sts. by grading, paving with 5-in. port. cem. conc. 1911 Act. Protests Oct. 16 H. D. Severance, city engineer.

HANFORD, Kings Co., Cal.—Until Oct. 4, 11 a. m., bids will be rec. by T. H. Lohse, clerk, Kings River School District to const. septic tank and disposal system at Kings River school house. Project involv. (1) septic tank, 8 cu. yds. Class A concrete; 185 lbs. 12-in. sq. corr. steel; 20 cu. yds. earth excav.; (2) 200 lin. ft. 10-in. sewer tile and 100 lin. ft. 4-in. drain tile; (3) 22 tons of 1-in. to 2-in. rock, 1000 cu. ft. of

fine of County Supt. of Schools or County Surveyor's office, Hanford.

PORTLAND, Ore.—Until Oct. 5, bids will be rec. by State Highway Com., Multnomah County Courthouse, Portland, Ore., for following highway projects:

Benton County—Alsea Mountain Section, Alsea Highway, 6 miles grading, requiring 24,000 cu. yds. excavation.

Douglas County—Idice Hill Section (south of Yoncalla), Pacific Highway, 2.8 miles bit. pavement resurfacing.

Josephine County—Bear River Section, Hayes Highway, 3 miles grading, requiring 23,000 cu. yds. excavation.

Klamath County—Lamm's Mill-Fort Klamath Section, The Dalles-California Highway, Unit No. 1, 16 miles grading and rock surfacing, requiring 15,000 cu. yds. excav., 15,500 cu. yds. surfacing materials.

Tillamook County—Clatsop County Line-Mohler Section, Coast Highway, Unit No. 2, 5.5 miles grading and rock surfacing, requiring 30,000 cu. yds. excav., 6,500 cu. yds. surfacing materials.

Wheeler County—City of Ross Section, John Day Highway, 2.9 miles grading and rock surfacing, 2800 cu. yds. excav., 1750 cu. yds. surfacing materials.

On Sept. 6 bids will be considered for: Clatsop County—Forksburg Unit, Coquille-Bandon Section, Coast Highway, 4.73 miles gradgr., requiring 140,000 cu. yds. excavation.

Jefferson County—Madras-Wasco Line Section, The Dalles-California Highway, 9.35 miles grading, 50,000 cu. yds. excav.; 15,85 miles surfacing, 35,000 cu. yds. surfacing materials.

Hayden Creek-Keele Creek Section, Ashland-Klamath Falls Highway, Unit No. 1, Keene Creek-Jackson-Klamath County Line, 12.34 miles broken stone surfacing, 28,000 cu. yds. surfacing materials.

Unit No. 2, Jackson-Klamath County Line to Hayden Creek section, 5.83 miles broken stone surfacing, 22,000 cu. yds. surfacing materials.

Klamath County—Ashland-Klamath Falls Highway, 12.12 miles of grading, 60,000 cu. yds. excavation.

CRESCENT CITY, Del Norte Co., Cal.—Federal Const. Co., Cal., at \$100,000 awarded cont. by city trustees to improve various streets involv. 23,355 cu. yds. grading excav.; 319,100 sq. ft. grading surface; 10 ft. asphalt, 100 ft. concrete pavement, new 7-in. before rolling; rebuild 168,418 sq. ft. asphalt macadam pavement, 22,312 lin. ft. conc. curb, 55,600 sq. ft. conc. gutter and conc. walk; 607 ft. 12-in. pipe culvert for outfall; 14 ft. 12-in., 1200 ft. 14-in., 1619 lin. ft. 8-in. and 5331 lin. ft. 6-in. vit. pipe sewer; 46 sewer manholes; 7 lampholes; 25 Y branches on 12-in., 30 on 10-in., 75 on 8-in., and 200 Y branches on 6-in. sewer; 282 ft. 24-in., 112 ft. 18-in., 103 ft. 15-in., 360 ft. 12-in., and 41 ft. 10-in. corr. iron pipe culvert; 410 ft. 30-in., 60 ft. 24-in. and 14 ft. 12-in. pipe culverts; 16 manholes for seg. culverts; 4 manholes for pipe culvert; 1 manhole for pipe culverts with catchbasin inlet; 338 ft. 1-in. vit. pipe drain; 2170 ft. 1-in. vit. pipe elect. lighting conduit; 4 cast iron survey monument frames; 130 lin. ft. rdwood culverts; 120 lin. ft. rdwood curbs.

CARSON CITY, Nevada—Strahan & Bishop, Lovelock, Nevada, at \$28,751 awarded cont. by State Highway Com., to const. Lyon 3-A-1 Sec. in city of Yerington.

Bids of Alston and Hoggan, Fallon, Nevada, at \$27,674 to const. Churchill 2-B Sec. in city of Fallon, rejected; re-advertised for Sept. 27.

Bids rejected for Washoe 9-A, Reno, Nev., (resurfacing) rejected; re-advertised for Sept. 27. Low bidder for this work was Robt. Paysee, Battle Mountain, Nevada, \$120,816.

Following bids rec. by Commission to const. highway from Nevada City to east city limits of Sparks: (1) for Portland cem. conc. pavement (2) asphalt pavement.

Cheneyson & Co., Reno, Nev., at \$1,136,160; Robert Paysee, Battle Mountain, Nev. (1) \$24,486.54; Geo. C. Humphrey, Reno, Nev. (1) \$27,904.40; Alston & Hoggan, Salt Lake City, Utah (1) \$28,321.40; Strahan & Bishop, Lovelock, Nev. (1) \$28,333.40; Clarke & Henry Const. Co., Stockton, Cal., awarded (2) \$52,458.45; J. A. Costello, Jr., Stockton, Cal. (2) \$61,346.40.

LOS ANGELES, Cal.—The bid of Geo. H. Oswald to pave Fifth St., between Beacon St. and Pacific Ave., San Pedro, rejected by the city council. The matter of letting the various parts of the work separately is being discussed by the property owners and resurfacing of bids will not be made until this question is settled. The bid, amounting to about \$600,000 was considered too high by property owners.

RED BLUFF, Tehama Co., Cal.—Supervisors contemplate construction of new 4-mile road out of Bend colony, via Paynes creek to connect with Susanville highway; est. cost \$70,000. W. F. Lunning, county sury.

OAKLAND, Cal.—Bates and Borland, Bank of Savings Bldg., Oakland, awarded cont. by council to improve northern portion of San Carlos Ave.; excavation, \$.95; conc. curb, \$.70; conc. gutter, \$.24; oil macadam pave. \$.115; cem. walks, \$.17; storm water inlet, \$.35; 10-in. pipe conduit, \$1.75.

Bates and Borland awarded cont. to improve portion of Madeline St., grading, \$.55; conc. curb, \$.70; conc. gutter, \$.24; oil macadam pave., \$.115; cem. walks, \$.17; wood culvert, \$1.25.

OAKLAND, Cal.—Until Oct. 5, 12 m., bids will be rec. by E. K. Sturgis, city clerk, to improve portion of Stanley Ave., grading and paving with oil macadam. W. W. Harmon, city eng.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention to improve southwest half of E. 12th St., bet. 14th and 15th Ave.; grading, conc. curbs and gutters; oil macadam pavement. 1911 Act. Protests Oct. 11. W. W. Harmon, city eng.

EUREKA, Humboldt Co., Cal.—City Eng. H. H. Hannah preparing spec. to grade and gravel 7-in. deep Union St., bet. Cedar and Russ Sts.

SANTA CRUZ, Santa Cruz Co., Cal.—City Eng. James K. James preparing spec. for sewer in Walnut Ave., from Dimond St. west about 600 ft.

TRACY, San Joaquin Co., Cal.—City Eng. W. D. Harrington presents following estimate of cost to city trustees for various improvements:

Repave 1/2 mile with 6-in. main extending from present 6-in. line on C and 6th Sts., and extending same south to point near new school house on First St., a distance of 1420 ft. 6-in. N. 1. sc. pipe, \$1350; necessary fittings and valves, \$180; concreting section under railroad tracks, \$275; grading and back filling, \$200; expense going under railroad, \$1200; contingencies, \$200; total, \$5500.

6-in. sewer extensions in West Park, \$980; 6-in. W. L. pipe replacements in West Park, \$250; total, \$1430.

Sewerage disposal plant consisting of Imhoff tank and necessary apparatus with sufficient capacity to handle the sewage for a population of 5000, together with the necessary filter beds, \$50,000; 5500 ft. 18-in. wood stave pipe line leading to the barge canal and laid in the ground to a depth of 3 ft., \$12,250; right of way for above line, \$500; total, \$62,750.

One 10-hp. 4-stroke 14-in. deep well turbine driven by 60 h. p. vertical 2200 volt 3 phase 60 cycle induction motor delivering 750 gallons per min. against 200 foot head with 30 ft. suction and automatic control, installed in similar structure to No. 1 turbine, cost installed, \$3820.

Municipal swimming pool: Tank 60x100 ft. varying in depth from 2 1/2 ft. to 8 ft. with 4 tier of locker and dressing compartments at each end installed for \$10,000 or a similar layout, entirely enclosed with the addition of shower baths, suit racks and heating equipment to cost \$15,500.

Architects—Engineers— City and County Officials

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Building & Engineering News

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention (No. 24787) to improve portions of Stanley Ave., between 14th and Myers Sts., by grading and paving with oil macadam. W. W. Harmon, city eng.

LONG BEACH, Cal.—Bids will be called for within 10 days for paving Pine Ave. bet. Ocean and 10th Sts. Est. cost, \$160,000.

DIXBUR, Tulare Co., Cal.—Until Oct. 4, 8 p. m., bids will be rec. by C. T. Reagan, city clerk, to improve Alta Ave. and North Villa Ave., from the north city limits to El Monte Way by grading, paving with Warrenite-Bit surface on hyd. conc. base; corr. metal culverts; concrete curbs. (Imp. No. 15). 1911 Act. Bond Act 1915. C. E. Sloan, Santa Fe Bldg., San Francisco, eng.

LOS ANGELES, Cal.—Wm. Liddington, 129 E. 60th St., awarded contract by Board of Public Works at \$11,809.93 for paving Wilcox Ave., bet. Willoughby Ave. and 505 ft. south of Waring Ave., involv. 47,134 sq. ft. grading to finished subgrade at 3c ft.; 47,134 sq. ft. conc. paving at 20c ft.; 1556 ft. curb at 60c ft.; 177.54 sq. ft. walk at 20c ft. Eng'r's est., \$12,362.62. E. A. Baker bid \$12,436.87.

FRESNO, Fresno Co., Cal.—City Council, R. Y. St. George, clerk, declared intention to improve Thorne Ave. bet. Belmont and Hedges and bet. Belmont and Olive; grading, conc. curbs, gutters and walks; paving with 3½-in. ash. conc. base with 1½-in. Warrenite-Bit surface; 1-in. clay pipe sewer connections. 1911 Act. Protests Sept. 28. Wm. Stranahan, city eng.

SANTA BARBARA, Cal.—Council declares intention to const. 6-in. vit. pipe san. sewer in Camilita Ave., bet. Victoria St. and Loma Vista Ave. 1911 Act.

OAKLAND, Cal.—Until Sept. 28, 12 a. m., bids will be received by E. K. Sturgis, city clerk, to improve following streets:

103rd Ave., between E-14th and Sunnyside; grading, paving with oil macadam; conc. gutters; 5 wood culverts.
Portions of Magnolia St.; grading, conc. curbs, gutters and walks; paving with oil macadam; 2 br. catchbasins; vit. pipe conduits.

Portions of Liese Ave.; by grading; conc. curbs and gutters; paving with oil macadam. W. W. Harmon, city eng.

OAKLAND, Cal.—Oakland Paving Co. 5000 Broadway, Oakland, awarded cont. to improve portions of 1st St., grading, \$.06; f. w. curb, \$.30; conc. gutter, \$.30; macadam pavement, \$.15-8-10; catchbasins, \$.75; 10-in. pipe conduit, \$.25.

GLENDALE, Cal.—New bids for constructing sewers in Verdugo Canyon will be called for at once. R. D. Zalc, Los Angeles, who was awarded the contract has refused to sign within the legal period and has forfeited the contract. The work calls for 22,412 ft. 8-in. vit. pipe, \$22 ft. 8-in. C. I. sewer pipe, 154 ft. 10-in. C. I. sewer pipe, 60 manholes, 14 flush tanks, and 6 lampholes.

SACRAMENTO, Cal.—Healy-Tibbitts Const. Co., 9 Main St., San Francisco, at \$158,777 submits low bid to city council to const. intake pier, bridge and bridge piers, intake conduits and appur. for the Sacramento filtration plant. Ross Const. Co., Sacramento, bid \$187,490 and F. Rollins Const. Co., San Francisco, \$182,000. All above estimate of engineer and taken under advisement Geo. Calder is resident eng. for the project.

FRESNO, Fresno Co., Cal.—Until Oct. 6, 8 p. m., bids will be rec. by D. M. Barnwell, county clerk, for fur. 5500 tons crushed rock or gravel, graded in size from 2½-in. down to fine sand; 1000 tons delivered at Tranquillity; 1000 tons San Joaquin and 3500 tons at Los Palos. Deliveries to commence on or about Oct. 12 at rate of 250 tons per day. Further information from county clerk. Chris. P. Jensen, Cory Bldg., county surv.

LOS ANGELES, Cal.—C. W. Shafter, 220 W. 33rd St., awarded contr. by board of public works Sept. 21 at \$18,111.72 for paving McDonald Ave. bet. K and Anaheim Sts., involv. 736 sq. ft. asphalt paving at 60c ft.; 60 sq. ft. conc. paving at 40c ft.; 83,856 sq. ft. rough grading to grade at 3.3c ft.; 83,856 sq. ft. finish grading, rolling and rolling at 7c ft.; 3578 ft. light curb at 65c ft.; 15,833 sq. ft. walk at 23c ft.; 7702 sq. ft. gutter at 32c ft.; catch basin compl., \$500. Eng'r's est., \$17,058.30.

Fairchild-Gillmore-Wilton Co., L. A. Ry. Bldg., was awarded contr. by board of public works Sept. 21, at \$67,104.52 for improving Beacon St. bet. 7th and 14th Sts., involv. 110,453 sq. ft. grading to finish sub-grade at 27c ft. 110,453 sq. ft. conc. pav. at 23c ft.; 4070 ft. curb at 70c ft.; 23,261 sq. ft. walk at 22c ft.; catch basin, compl., \$300; sanitary sewer, \$2500; 181 ft. house sewers at \$1.60 ft.; shallow flush tank compl., \$150; iron pipe conduits, \$650. Eng'r's est., \$80,046.04.

SAN BERNARDINO, Cal.—Supervisors set Oct. 16 date to receive protests on Cypress Ave., paving in the Chino section. Project is estimated at \$17,625. It will be one mile long, 20 ft. wide, of 6-in. macadam. Edgar T. Ham, Co. surv.

SANTA ANA, Cal.—County supervisors plan paving on Placentia Ave. bet. Olive Blvd. and Ball Rd. and on Wagner Ave. bet. Placentia Ave. and the Santa Ana river.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 3, 10:30 a. m., bids will be rec. by A. L. Banks, city clerk, to const. lateral sewers with wyres, curved and house branches, manholes with and without automatic flushers in Blocks 7, 8, 9, 10, 11, 12 and 13, City Park Terrace and in portions of Yale and Columbia Aves., etc. 1911 Act. W. B. Hogan, city engineer.

POSITIONS AVAILABLE

Sales Manager—High Type, for concern manufacturing agricultural pumping machinery, references required. Position open in Los Angeles.

A-1 hydraulic engineer for consulting, designing and field work, familiar with all types of irrigation projects—married man preferred—position permanent—must supply first class references.

Apply Domestic Trade Bureau, Chamber of Commerce, Merchants Exchange Bldg., San Francisco.

BUSINESS OPPORTUNITIES

Further information regarding these opportunities may be had from the Domestic Trade Department, San Francisco Chamber of Commerce, Merchants Exchange Building, by referring to index number:

D-251—Chicago, Ill.—Manufacturers of wire tying machinery desire distributor for their product in this market.

D-252—Vancouver, B. C.—Concern desires to get in touch with manufacturers of cement laundry trays in San Francisco.

D-253—Greeley, Colo.—Party desires to get in touch with wholesale house handling hospital beds, new or second hand, and other hospital equipment.

D-254—Laws, Cal.—A party owning large body of Tufa desires contact with concerns in the stone business. The tufa is high grade building stone and he had any size desired—colors, light gray to dark gray and light pink to almost red.

D-256—Los Angeles, Cal.—Furniture Company desires to get in touch with importers of grass and reed furniture.

D-257—Bandon, Ore.—A market is desired for material suitable for cedar fence posts.

D-258—Minneapolis, Minn.—Manufacturers of burglar alarm system for banks, also display clocks for banks, desires agent California.

D-260—Spokane, Wash.—Party desires to represent San Francisco wholesale houses as traveling salesman in Spokane territory.

D-261—San Francisco, Cal.—Party leaving for Seattle desires to take on a few San Francisco lines distribute that

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Name

Street and No.

City State

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am't
3445	Struven	Munster	27000
3446	Small	Owner	7500
3447	Larsen	Owner	85000
3448	Marx	Crothers	17500
3449	Janssen	Owner	20850
3450	Janssen	Owner	3950
3451	Janssen	Owner	11850
3452	Ghigliazza	Owner	3500
3453	Janssen	Owner	3950
3454	Romano	Coburn	2958
3455	Romano	Coburn	2958
3456	Kronick	Storheim	8500
3457	Leininger	Hemminga	7159
3458	Tobiner	Hemminga	17800
3459	Pfeifer	Bjorkman	3000
3460	Bell	Irvine	12000
3461	St. Markus	Diestel	1000
3462	Nathan	Diestel	1000
3463	Lapham	Owner	6000
3464	Anderson	Carlson	6673
3465	Monahan	McSheehy	3450
3466	Hegley	Hamilton	5000
3467	Jensen	Pearson	1500
3468	Wickblem	Madden	3118
3469	Grabr	Owner	15000
3470	Bianchi	Perino	12000
3471	Depeu	Owner	2000
3472	Franchi	Moriconi	1000
3473	Chiappari	Greene	16000
3474	Donovan	Thornison	2500
3475	Denegri	Owner	2500
3476	Cervi	De Franco	2500
3477	Kittle	Voigt	1875
3478	Monahan	McSheehy	3590
3479	Riverdale	Hoyt	1000
3480	Flemming	Owner	3500
3481	Johnson	Owner	5000
3482	Hardiman	Owner	6000
3483	Bay	Owner	5000
3484	Marx	Owner	17500
3485	Gerke	Thomas	4500
3486	Hogan	Johnson	15000
3487	Eisenbach	Owner	10000
3488	Ewald	Owner	3000
3489	Reinzen	Overaa	9450
3490	Hansen	Hansen	30000
3491	Wickbora	Madden	3118
3492	Sasso	Helm	2973
3493	Bell	Irvine	11439
3494	Denike	Bomeru	3500
3495	McLeran	Owner	20000
3496	Emmons	Wieben	4850
3497	Jennings	Stockholm	1500
3498	Knoll	Owner	1000
3499	Crocker	Arnott	5500
3500	Breitbart	Arnott	2800
3501	Austin	Arnott	2500
3502	Lang	Arnott	11600
3503	Tramutolo	Hamilton	11500
3504	California	Donovan	2000
3505	Same	Keefe	3000
3506	Alburn	Montgomery	13990
3507	Julius	Bell	45000
3508	Sasso	Owner	2975
3509	Skird	Owner	5000
3510	Duffey	Urter	1839
3511	Wemaas	Mission	10000
3512	Hunt	Mangels	6000
3513	Reed	Reed	4000
3514	Song	Barrett	13000
3515	Morris	Owner	8000
3516	Schroeder	Owner	5000
3517	Crocker	Samuelson	3800
3518	Johnson	Owner	3000
3519	Hamilton	Owner	12000
3520	Chappari	Greene	16190

STONE BUILDING

(3445) E VALENCIA bet. 15th & 16th Sts., Two story and basement. mez.

floor reinforced concrete furniture store.

Owner—Fred C. Struven, 3259 26th St., San Francisco.
Architect—None.
Contractor—Munster & Bornholdt, 1530 Broderick St., S. F. \$27,000

ALTERATIONS

(3446) NO. 1083 LOMBARD ST., San Francisco. Plaster front of apts.; make other minor alterations.
Owner—Perry Small, 1023 Hearst Bldg.
Architect—Andrew H. Knoll, Hearst Building. \$7500

APARTMENT HOUSE

(3447) E LEAVENWORTH 65-6 S. Ellis. (2) apartment and basement class C (29) apartments.
Owner—Fred Larsen, 290 28th Ave. S. F.
Architect—A. H. Knoll, Hearst Bldg., San Francisco. \$85,000

APARTMENT HOUSE

(3448) E SIXTEENTH AVE., 150 S. Cabrillo. Three-story and basement frame (6) apartments.
Owner—Lawrence Marx, 540 Shradler St., San Francisco.
Architect—A. H. Knoll, Hearst Bldg.
Contractor—Frank Crothers, 1426 19th Ave. S. F. \$17,500

FLATS

(3449) S. BALBOA 82-6, 107-6, 132-6 W 9th Ave. Three 2-story and basement frame (2 in each) flats.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$6950

DWELLING

(3450) E SEVENTH AVE., 100 S. Cabrillo. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg.
Architect—None. \$3950

DWELLINGS

(3451) E EIGHTEENTH AVE., 175 & 200 & 225 N. Fulton. Three 1-story and basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950 ea

DWELLING

(3452) W. PEABODY 200 S. Visitacion One-story and basement fr. dwlg
Owner—Rosa Ghigliazza, 146 Talbert St.
Architect—None. \$3500

RESIDENCE

(3453) W TWENTY-THIRD AVE., 220 S. Clement. One-story and basement frame residence.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950

REPAIRS

(3454) 1075 PACIFIC AVE. Repair rustic; plastering; plumbing; painting; electrical work, etc. for apts.
Owner—G. Romano, 180 Jessie St.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St. San Francisco. \$2953

REPAIRS

(3455) NO. 1075 PACIFIC AVE. Repair plastering; plumbing; painting, etc. for apartments (fire damage).
Owner—G. Romano, 180 Jessie St.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. \$2958

FLATS

(3456) W SIXTEENTH AVE 225 N Fulton N 25xW 120. All work for two-story frame flats.
Owner—Louis and Dora Kronick.
Architect—None.
Contractor—M. P. Storheim, 201 Casell Ave., San Francisco.
Filed Sept. 15, '22. Dated Aug. 30, '22.
On execution of agreement... \$3500
Frame up 1250
Rough plaster on 1250
Completed 1250
Usual 55 days 1250
TOTAL COST, \$38000
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

BUNGALOW

(3457) E TWENTY-EIGHTH AVE 160 S Anza S 35xW 120. All work for frame bungalow.
Owner—Frank Leininger, 155 Dolores St., San Francisco.
Plans by Contractor.
Contractor—Nick Hemminga, 705 22nd Ave., San Francisco.
Filed Sept. 15, '22. Dated Sept. 2, '22.
Frame up and rough roof on... \$1750
Rough coat plaster on 1750
Inside trim on 1750
Completed 1900
TOTAL COST, \$7150
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications, none.

FLATS BLDG.

(3458) SW GEARY & EIGHTEENTH Ave W 32-6xS 100. All work for two-story store and flat building.
Owner—Oscar Tobiner, 350 Post St., San Francisco.
Architect—Alfred H. Jacobs, 110 Sutter St., San Francisco.
Contractor—W. L. Hemminga, 47 Ashbury St., San Francisco.
Filed Sept. 15, '22. Dated Sept. 13, '22.
Composition roof on \$337.50
Brown coated 337.50
White coated 337.50
Completed 337.50
Usual 55 days 4500.00
TOTAL COST, \$17,800.00
Bond, \$9000. Sureties, A. J. Humphrey and R. E. Hemminga. Limit, forfeit, none. Plans and specifications filed

DWELLINGS

(3459) E CASTRO 25 and 50 N Alvarado. Two one-story and basement frame dwellings.
Owner—Mr. Pfeifer, 2539 Mission St., San Francisco.
Architect—None.
Contractor—W. Bjorkman, 3214 Mission St., San Francisco. \$3000

APARTMENTS

(3460) N EIGHTEENTH 100 E. Dolores Two-story and basement frame (4) apartments.
Owner—Mrs. Hannah Bell, 3678 14th St., San Francisco.
Architect—Dodge A. Reidy, 850 Pacific Bldg., San Francisco.
Contractor—W. Irvine, 1387 Hayes St., San Francisco. \$12,000

ALTERATIONS

(3461) NO. 1129-31-33 O'FARRELL. Remove shingles and tar & gravel roof.
Owner—St. Markus, 248 Russ Bldg., San Francisco.
Architect—None.
Contractor—John Diestel, 248 Russ Bldg., San Francisco. \$1000

ALTERATIONS
(3462) NO. 1346 LEAVENWORTH.
Alter for basement garage.
Owner—A. Nahan, 248 Russ Bldg., San Francisco.
Architect—None.
Contractor—John Diestel, 248 Russ Bldg., San Francisco. \$1000

DWELLING
(3453) E TWENTY-THIRD AVE 150 S Cabrillo. Two-story and basement frame dwelling.
Owner—Lapham Bldg., 6311 Geary St., San Francisco.
Architect—None.
Day's work. \$6000

BUILDING
(3454) E FORTY-FIFTH AVE 60 N Anza. All work for one-story and basement frame dwelling.
Owner—Charles A. Anderson, 2451 Clement St., San Francisco.
Architect—Lodge A. Riedy, 850 Pacific Bldg., San Francisco.
Contractor—G. E. Carlson, 180 Jessie St., San Francisco.
Filed Sept. 16, '22. Dated Sept. 8, '22.
Frame completed. \$1667.50
Brown coated. 1667.50
Completed and accepted. 1667.50
Usual 35 days. 1667.50
TOTAL COST, \$6670.00
Bond, \$2350. Sureties, F. J. Reilly and E. V. Lacey. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ADDITION
(3455) SE NINETEENTH AVE AND Balboa 25 on 19th Ave and 95' on Balboa. All work for addition to building.
Owner—Frank Monahan.
Architect—None.
Contractor—James B. McSheehy, 1147 Dolores St., San Francisco.
Filed Sept. 16, '22. Dated Sept. 16, '22.
Enclosed. \$850
Plastered. 850
Finished. 850
Usual 25 days. 850
TOTAL COST, \$3400.
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

DWELLING
(3456) W THIRTY-FIFTH AVE 175 Anza. One-story and basement frame dwelling.
Owner—John J. Healey, 575 35th Ave., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. \$5000

ALTERATIONS
(3457) NO. 489 THIRTIETH. Raise cottage 7 feet; concrete floor, plumbing and general repairs.
Owner—N. I. Jensen, Premises.
Architect—None.
Contractor—Pearson & Johnson, 2031 Bryant St., San Francisco. \$1500

DWELLING
(3458) S ATHENS 175 W Russia. One-story and basement frame dwelling.
Owner—H. N. Wickblum, 530 Pacific Bldg., San Francisco.
Architect—None.
Contractor—Madden-Hammersmith Development Co., 530 Pacific Bldg., San Francisco. \$3148

DWELLINGS
(3459) S ARMY 50, 75, 100, 125 and 150 E York. Five one-story and basement frame dwellings.
Owner—Wm. H. Grahm, 2840 Bryant St., San Francisco.
Architect—None. \$5000 each

FRAME FLATS
(3470) W FRANKLIN 137-6 N Francisco. Two-story and basement frame flats.
Owner—S. Bianchi, 571 Green St., San Francisco.

Architect—M. Perino, San Jose.
Contractor—M. Perino, San Jose. \$12,000

DWELLING
(3471) W Faxon AVE 375 S DeMontford. One-story and basement frame dwelling.
Owner—Wm. H. Depew, 3710 Sacramento St., San Francisco.
Architect—None. \$2000

ALTERATIONS
(3472) NO. 2711 HYDE. General alterations to store.
Owner—G. Franchi, Premises.
Architect—None.
Contractor—G. Moriconi, 5200 Larkin St., San Francisco. \$1000

APARTMENTS
(3473) E MISSION 103-7 S Fair Ave. Two-story frame stores and (4) apartments.
Owner—L. Chiappari, 3720 20th St., San Francisco.
Architect—Righetti & Hirschfeld, 12 Geary St., San Francisco.
Contractor—M. E. Greene, 180 Jessie St., San Francisco. \$16,000

ALTERATIONS
(3474) NO. 219 COLE. General alterations and changes for flats; install wall beds, etc.
Owner—Mrs. J. H. Donovan, 219 Cole St., San Francisco.
Architect—None.
Contractor—Thomison & Storison Bros., 25 Falcon Ave., San Francisco. \$2500

FRAME FLATS
(3475) W EIGHTH AVE 375 S Geary. Two-story and basement frame (2) flats.
Owner—P. Denegri, 451 8th Ave., S. F.
Architect—Paul F. De Martini, 946 Broadway, S. F. \$7500

SHOP
(3476) E SAN BRUNO 590 S Oakdale. One-story and basement frame shop.
Owner—John C. Clervi, 3475 26th St., San Francisco.
Plans by Owner.
Contractor—N. De Francois, 290 30th St., San Francisco. \$2500

ALTERATIONS
(3477) SW SANSOME AND BROADWAY. Rebuild west wall of store to take place of party wall; repair and extend floor.
Owner—Mrs. Harriette De Witt Kittle, Nevada Bank Bldg., S. F.
Architect—Nathaniel Blaisdell, 255 California St., San Francisco.
Contractor—Alfred H. Vogt, 185 Stevenson St., San Francisco. \$1875

FRAME FLATS
W SIXTEENTH AVE 220 N Fulton. Two-story and basement frame (2) flats.
Owner—Louis Kronick.
Architect—None.
Contractor—M. F. Storheim, 201 Caselli Ave., San Francisco. \$5900

FRAME STORES
(3478) NE BALBOA & NINETEENTH AVE. One-story frame stores.
Owner—Frank Monahan, 711 6th Ave., San Francisco.
Architect—None.
Contractor—Jas. B. McSheehy, 1147 Dolores St., San Francisco. \$3800

ALTERATIONS
(3479) 1412 DIVISADERO. Re-arrange partitions, etc., for office.
Owner—Riverdale Creamery, Premises.
Architect—None.
Contractor—H. P. Hoyt, Monadnock Bldg., San Francisco. \$1000

RESIDENCE
(3480) N FULTON 37½ W Twenty-first Ave. Two-story and basement frame residence.
Owner—C. F. Flemming, 755 26th Ave., San Francisco.
Architect—None. \$3500

FRAME FLATS
(3481) E FIFTH AVE 133 N Kirkham. Two-story and basement frame (2) flats.
Owner—Ernest Johnson, 581 Belvedere St., San Francisco.
Architect—None. \$5900

FRAME FLATS
(3482) N GEARY 20 W Twenty-fifth Ave. Two-story & basement frame store and flat.
Owner—Michael D. Hardiman, 422 38th Ave., San Francisco.
Architect—None. \$6000

ALTERATIONS
(3483) NO. 945 MARKET. Alter store front; erect mezzanine floor for market.
Owner—Bay City Market, Premises.
Architect—None. \$5000

APARTMENTS
(3484) E SIXTEENTH AVE 150 S Cabrillo. Three-story and basement frame (6) apartments.
Owner—Lawrence Marv. 546 Shradcr St., San Francisco.
Architect—A. J. Knoll, Hearst Bldg., San Francisco. \$17,500

DWELLING
(3485) E TWENTY-SEVENTH AVE 150 S Clement. One-story and basement frame dwelling.
Owner—A. O. Gerke, 706 Castro St., San Francisco.
Architect—None.
Contractor—J. C. Thomas, 380 20th Ave., San Francisco. \$4500

ALTERATIONS
(3486) SE BUSH AND MASON. Alter for stores and 2 apartments in first floor; construct addition of 2 stores and 12 apartments to Class C bldg.
Owner—V. L. Hogan, 333 Kearny St., San Francisco.
Architect—None.
Contractor—Louis J. Johnson, 2260 19th Ave., San Francisco. \$45,000

STORES
(3487) E CASTRO 199-9 S Seventeenth. One-story reinforced concrete (2) stores.
Owner—Eisenbach Co., Alexander Bldg., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco. \$10,400

DWELLING
(3488) E FORTY-SEVENTH AVE — S Irving. One-story and basement frame dwelling.
Owner—Jessie Ewald, 1349 47th Ave., San Francisco.
Architect—None. \$3000

FRAME FLATS
(3489) S FULTON 151-3 E Cole. Two-story and basement frame (3) flats.
Owner—Mathias Helzen, Woodland, Calif.
Architect—None.
Contractor—C. Overaa, 2105 Roosevelt Ave., Richmond. \$9450

DWELLINGS
(3490) E SAN JOSE AVE 125, 150, 175, 200, 225, 250, 275, 300, 325 and 350 S San Juan Ave. Ten one-story and basement frame dwellings.
Owner—Walter E. Hansen, 2235 Market St., San Francisco.
Architect—Ida F. McCain, 318 Kearny St., San Francisco.
Contractor—Walter El Hansen, 2235 Market St., San Francisco, and O. Kaffka, 182 Precita Ave., San Francisco. \$3000 each

FRAME BLDG.

(3491) SE ATHENS 175 SW Russia Ave SW 25xSE 100 Ptn 75 Excel-Hd Assn. All work for one-story and basement frame building.

Owner—A. J. and Mabel Wickborn, 539 Pacific Bldg., San Francisco.

Architect—None.
Contractor—Madden-Hammersmith Development Co., 539 Pacific Bldg., San Francisco.

Filed Sept. 19, '22. Dated Sept. 15, '22.
Frame up \$787
Rough plaster on 787
Completed 787
Usual 25 days. 787

Bond, none. Limit, 90 days after Sept. 18. Forfeit, none. Plans and specifications none.

STORES, ETC.

(3492) N CLEMENT 107-6 E Twenty-third Ave 25x100. All work for one-story frame building stores and living rooms.

Owner—Frank and Frances Sasso, 558 Vallejo St., San Francisco.

Plans by Contractor.
Contractor—Edward F. Helms, 1574 Howard St., San Francisco.

Filed Sept. 19, '22. Dated Sept. 14, '22.
Rough frame up \$1000
Brown coated 973
Completed 1000

TOTAL COST, \$2973
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

APARTMENTS

(3493) N EIGHTEENTH 100 E Dolores All work (except plumbing, finish hardware, wall paper, window shades, electric fixtures or wall beds) for two-story and basement frame apartments.

Owner—Mrs. Hannah Bell, 3678 18th St., San Francisco.

Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco.

Contractor—W. K. Irvine, 1387 Hayes St., San Francisco.

Filed Sept. 19, '22. Dated Sept. 15, '22.
Ready for roofing \$2857.50
Brown coated 2857.50
Completed and accepted 2857.50
Usual 55 days. 2857.50

TOTAL COST, \$11,430.00
Bond, \$5715. Sureties, Geo. F. Derling and Simon McLean. Limit, 60 days. Forfeit, none. Plans and specifications filed.

DWELLING

(3494) N ARMY 75 W Bryant, One-story and basement frame dwlg.

Owner—Charles B. Denike, 220 Charter Oak Ave., San Francisco.

Architect—None.
Contractor—C. Bomercu, 220 Charter Oak Ave., San Francisco. \$3500

ROOF

(3495) SE HARRISON & MARIPOSA Construct Class B roof for warehouse.

Owner—R. McLeran & Co., Hearst Bldg., San Francisco.

Architect—None. \$20,000

DWELLING

(3496) N MAGELLAN 100 E Montalvo. One-story and basement frame dwelling.

Owner—J. D. Emmons, 2400 Geary St., San Francisco.

Architect—None.
Contractor—Alex C. Wieben, 839 Rosemont Road, Oakland. \$4850

ALTERATIONS

(3497) NO. 2009 PACIFIC AVE. Restoring tar and gravel roof.

DWELLING

(3498) SW SHAKESPEARE 425.5 SE Forcster. One-story and basement frame dwelling.

Owner—John and Eleanor Nolan, 159 Orizaba St., San Francisco.

Architect—None. \$1000

DWELLINGS

(3499) E LIFTARD 100, 125 and 150 N Cheney. Three one-story and basement frame dwellings.

Owner—Crocker Estate Co., Crocker Bldg., San Francisco.

Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, San Francisco. \$2800 each

DWELLING

(3500) E CAPITOL AVE 200 N Graf ton. One-story and basement frame dwelling.

Owner—Max Breitman, 168 O'Farrell St., San Francisco.

Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. \$2800

DWELLING

(3501) S FLOOD AVE 225 W Edna One-story and basement frame dwelling.

Owner—Henry W. Austin.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. \$2800

DWELLINGS

(3502) S EDGEHILL AVE 300 and 350 SW Pacheco. Two one-story and basement frame dwellings.

Owner—Lang Realty Co., First Nat'l Bank Bldg., San Francisco.

Architect—Harold Stoner, First Nat'l Bank Bldg., San Francisco.

Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. \$5800 each

RESIDENCE

(3503) NE LYON AND FILBERT Two-story and basement frame residence.

Owner—C. F. Tramutolo, 68 Post St., San Francisco.

Designer—A. Toluboff, 1915 Baker St., San Francisco.

Contractor—Hamilton & Costello, 5811 Geary St., San Francisco. \$11,500

PAINTING

(3504) GOLDEN GATE PARK. AP work for painting Steinhart Aquarium.

Owner—California Academy of Sciences Golden Gate Park, S. F.

Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.

Contractor—Vincent J. Donovan, 729 Minna St., San Francisco.

Filed Sept. 20, '22. Dated Aug. 14, '22.
On 5th of each month 75%
Usual 55 days. 25%

TOTAL COST, \$2000
Bond, \$1000. Surety, Globe Indemnity Co. Limit, 60 days. Forfeit, plans and specifications, none.

(3505) PAINTING AND DECORATING of swamp room on above.
Contractor—J. H. Keefe Co., 1442 Bush St., San Francisco.

Filed Sept. 20, '22. Dated Aug. 24, '22.
Payments same as above. 25%

FRAME BLDG.

(3506) N VALLEJO 90 E Pierce E 30x N 120. All work for two-story frame building.

Owner—E. L. Alburn and O. E. Alburn, Albany Bldg., Oakland.

Architect—Wm. E. Milwain, Albany Bldg., Oakland.

Contractor—E. J. Montgomery, 1320 Broadway, San Francisco.

Filed Sept. 20, '22. Dated Sept. 18, '22.

Frame, in chimney built, \$3497.50
1st coat plaster on 3497.50
Completed 3497.50
Usual 55 days. 3497.50

TOTAL COST, \$13,990.00
Bond, \$13,990. Surety, New Amsterdam Casualty Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(3507) S PINE 140 W Powell 36x157-6 All work except shades and fixtures for three-story and basement frame apartment building.

Owner—Elizabeth Julius and Thos. F. Bell, 925 Pierce St., S. F.

Architect—E. H. Denke, 1317 Hyde St., San Francisco.

Contractor—John J. Bell, 263 Upper Terrace, San Francisco

Filed Sept. 20, '22. Dated Sept. 12, '22.
Roof on \$11,250
Brown coated 11,250
Completed and accepted 11,250
Usual 55 days. 11,250

TOTAL COST, \$45,500
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

STORE

(3508) N CLEMENT 107-6 W Twenty-third Ave. One-story frame store.

Owner—F. Sasso.
Architect—E. Helms, 6700 2nd St., San Francisco. \$2973

FACTORY

(3509) W FOLSOM 55-6 S Eleventh. Two-story reinforced concrete factory. 28x100.

Owner—Louis Skirl, 298 11th St., San Francisco.

Architect—None. \$5000

REPAIRS

(3510) NO. 1655 JONES. Repair fire damage to apartments.

Owner—Edw. G. Duffey, 2301 Polk St., San Francisco.

Architect—None.
Contractor—Chas. E. Urfer, 134 Halleck St., San Francisco. \$1890

ALTERATIONS

(3511) N SUTTER 137 W Mason. Alterations for Womans' Club.

Owner—Womans' Athletic Club, 640 Sutter St., San Francisco.

Architect—Bliss & Paville, Balboa Bldg., San Francisco.

Contractor—Misslen Concrete Co., 517 New Call Bldg., San Francisco. \$100,000

RESIDENCE

(3512) W SANTA CLARA 48.93 S Terrace Drive. Two-story and basement frame residence.

Owner—Mrs. John Hunt, 5/8 Architect.

Architect—Thos. W. Lenzen, 706 Humboldt Bank Bldg., San Francisco.

Contractor—Mangels Bros., 4792 Mission St., San Francisco. \$6000

DWELLING

(3513) E TWENTY-FOURTH AVE 135 S Cabrillo. One-story and basement frame dwelling.

Owner—F. Carroll Reed, 683 7th Ave., San Francisco.

Architect—Reed Bros., 683 7th Ave., San Francisco.

Contractor—Reed Bros., 683 7th Ave., San Francisco. \$4000

STORES AND PLATS

(3514) N WASHINGTON 40 W Grant Ave. Three-story concrete stores and 2 flats.

Owner—Lee Song, 733 Grant Ave., San Francisco.

Architect—Ward & Blohme, 454 California St., San Francisco.

Contractor—Barrett & Hip, Sharon Bldg., San Francisco. \$13,000

DWELLINGS

(3515) N CAERILLO 95 E Twelfth Ave. N Cabrillo 95 W 11th Ave. Two one-story and basement frame dwellings.

Owner—A. T. Morris, 501 11th Ave.
San Francisco.
Architect—None. \$4000 each

DWELLING
(3516) E FORTY-SEVENTH AVE 125
S Rivera. One-story and basement
frame dwelling.
Owner—D. F. Schroeder, 2377 45th Ave.
San Francisco.
Architect—None. \$5000

DWELLING
(3517) W PARIS 5166S S Amazon
One-story and basement frame
dwelling.
Owner—Crocker Estate Co., 525 Crocker
Bldg., San Francisco
Architect—None.
Contractor—A. M. Samuelson, 290 Rolph
St., San Francisco. \$3800

DWELLING
(3518) W THIRTY-THIRD AVE 125 N
Fulton. One-story and basement
frame dwelling.
Owner—Johnson & Dowling, 33rd Ave.
and Fulton St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco. \$3000

DWELLINGS
(3519) W TWENTY-FIFTH AVE 125,
218 and 241 N Balboa. Three one-
story and basement frame dwlg.
Owner—Thos. Hamill, 6140 Geary St.
San Francisco.
Architect—None. \$4000 each

APARTMENTS
(3520) E MISSION 103-7 S Fair Ave.
E 126X850. All work for two-
story frame (3) stores and (4)
apartments.
Owner—L. Chapparrat, 3720 20th St.,
San Francisco.
Architect—Righetti & Hirschfeld, 12
Geary St., San Francisco.
Contractor—M. E. Greene, 180 Jessie
St., San Francisco.
Filed Sept. 21, '22. Dated Sept. 18, '22.
Frame erected.....\$3018.75
Brown coated.....3018.75
Finish in place.....3018.75
Completed and accepted.....3018.75
Usual 35 days.....4025.00
TOTAL COST, \$16,100.00
Bond, \$8650. Sureties, H. L. West and
J. B. Gould. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Amount
Sept. 15, 1922—N SAINT ROSES 60 W
Masonic Ave W 73XN 100 Ptn
Junipero and Asen Bk "A" Mary
M Ostrander to R. Albertsen.....
Sept. 15, 1922—SE HOWTH 75 NE
Geneva Ave NE 25XSE 115 Ptn Lot
2 Bk 9, Miguel City, Elsie L
Schaadt to whom it may concern.....
Sept. 15, 1922—SE HOWTH 50 NE
Geneva Ave NE 25XSE 112 Ptn Lot
3 Bk 9, San Miguel City, Elsie L
Schaadt to whom it may concern.....
Sept. 15, 1922—S JACKSON bet.
Spruce and Locust, No. 2559 Jack-
son, Grace V. Benson to whom it
may concern.....Sept. 15, 1922
Sept. 15, 1922—N SEVENTEENTH
305 W Noe W 50XN 80, Pope Est
Co to E T Letter.....Sept. 12, 1922
Sept. 15, 1922—N SUTTER 137-6 B
Jones E 137-4XN 137-6, George D
Smith to Clinton Constr Co.....
Aug. 29, 1922
Sept. 15, 1922—S GEARY 137-6 W
Mason W 106X8 137-6, The Cur-
ran Theatre Co to Pacific Film Ex-
tinguisher Co and Malott & Peter-
son.....Sept. 12, 1922
Sept. 15, 1922—E SAN JOSE AVE 25
S Gorham S 25X 100; No. 1665 San
Jose Ave, Francis B Michel to
whom it may concern.....Sept. 15, 1922

Sept. 15, 1922—LOT 12 and Ptn Lot
13 Bk 3109, Westwood Park Ida
F McCain to Walter E Hansen.....
Sept. 12, 1922
Sept. 16, 1922—E DIVISADERO 137-6
N Union W 27-6XE 100, Harvey A
Allen to Boxton & Zwieg.....
Sept. 15, 1922
Sept. 16, 1922—LOTS 12, 14, 16 and 18
Bk 3111, Westwood Park, Hans
and Esther E Nelson to whom it
may concern.....Sept. 12, 1922
Sept. 18, 1922—NO. 1309 FORTY-
eighth Ave, Charlotte Brumund
to J L Mitchell.....Sept. 12, 1922
Sept. 18, 1922—W TWENTY-FOURTH
Ave 184-8 S Anza S 25X120, H O
Lindeman to W R Lindeman.....
Sept. 6, 1922
Sept. 18, 1922—W TWELFTH AVE
bet. 75 N Fulton W 92-6XN 25, Ernest
A Herger to Sandberg & Esmann.....
Sept. 15, 1922
Sept. 18, 1922—E POWELL 93-6 N
Greenwich 22X137-6, L Banchero
to J Fancechio & Co.....Sept. 16, 1922
Sept. 18, 1922—SW POST AND
Taylor 45-10 on Post and 70 on
Alaide, M A Hunt to whom it
may concern.....Sept. 12, 1922
Sept. 18, 1922—LOT 3 Bk 18 St.
Francis Wood Exn No. 18, Flor-
ence F Judson to Mangels Bros.....
Sept. 12, 1922
Sept. 18, 1922—W FRANKLIN 100 N
Chestnut N 25XW 100, Fred Thies
and Annie Thies to John Harder.....
Sept. 14, 1922
Sept. 19, 1922—N SUNNYSIDE AVE
100 E Foerster E 25XN 100 Lot 9
Bk 21, Sunnyside, James L Barry
to whom it may concern.....
Sept. 19, 1922—SW WASHINGTON &
Larkin, J. Patrick and Mary Crowley
to whom it may concern.....Sept. 15, '22
Sept. 15, 1922—LOT 8 Bk 3139,
Westwood Park, Hans and Esther
Nelson to whom it may concern.....
Sept. 15, 1922
Sept. 19, 1922—W TENTH AVE 250 N
Lawton, F A Lorenz to whom it
may concern.....July 1, 1922
Sept. 19, 1922—LOT 18 Bk 3113,
Westwood Park, Burton W and
Virginia S Guysi to Herman Walter
.....Sept. 8, 1922
Sept. 19, 1922—E THIRTY-FOURTH
Ave 340 N Taraval E 120XN 25,
Clara M and Clark D Barnes to
Moses Little.....Sept. 14, 1922
Sept. 19, 1922—W TWENTIETH AVE
217-5, 242-5, 267-5 N Cabrillo, Emil
Nelson to whom it may concern.....
Sept. 15, 1922
Sept. 19, 1922—N NINETEENTH
Ave and Fulton N 100XW 32-6,
Edward R Brady to Monson Bros.....
Sept. 13, 1922
Sept. 19, 1922—NE 2467 Lot 23 and
SW 1233 Lot 22 Bk 3, Forest Hill,
Alice M and Fred H Field to whom
it may concern.....Sept. 18, 1922
Sept. 19, 1922—E GUERRERO 90 S
17th S 35-8 E 96 N 25 W 32 N 10-8
W 58, Jerry Lynch to Adam Arras,
Strom & Smith, Simon Fraser,
Clawson Chimney Co, Reinhart
Lumber Co, H. E. Dengenkolb, Thos
Campbell, Scott & Co, and Geo
Morrison Co, Miss Anna Marble Wks,
John Franchia, George Rehn, D
Gilley Schmidt, D. Zelinsky & Son,
George Campbell, John Rolier,
Marshall Stearns, Friedman Bros,
Malott & Peterson and Joost Bros.
Sept. 19, 1922—N GREEN 68-9 W Di-
visadero W 34-42XN 103-6, Mott
Co vs L D Allen.....\$167.11
Sept. 19, 1922—N GREEN 68-9 W Di-
visadero W 34-42XN 103-6, Na-
tional Lathing Co vs L D Allen and
Lizzie M Darbrow.....\$135.05
Sept. 15, 1922
Sept. 20, 1922—COMG 82-6 E Fillmore
on S O'Farrell E 55X8 120, Leon
Lewis to whom it may concern.....
Sept. 19, 1922

Sept. 29, 1922—REPAIRING FLOORS
in Oriental Warehouse, Southern
Pacific Co to A Wegner.....Sept. 12, 1922
Sept. 20, 1922—W SIXTH AVE 25 S
Cabrillo S 25XW 100, F Munson to
whom it may concern.....Sept. 20, 1922
Sept. 20, 1922—W CHURCH 101 S
Army 25X80.....Sept. 11, 1922
H Depey to W H Bond to Wm
Leavenworth S 50X137-6, Louis D
Stoff to whom it may concern.....
Sept. 19, 1922
Sept. 20, 1922—W TWENTY-FIFTH
J. Mission Terrace, Amanda A
Olsen to Olaf Osser.....Sept. 19, 1922
Sept. 21, 1922—W TWENTY-FIFTH
Ave 26 S Balboa, W 25th Ave 52 S
Balboa, Harry L Sandow to whom
it may concern.....Sept. 20, 1922
Sept. 21, 1922—NE CLEMENT AND
Twenty-third N 50XE 82-6, E S
Connolly to Barrett & Hilp.....
Sept. 16, 1922
Sept. 21, 1922—W SEVENTH AVE 269
N Cabrillo N 25XW 20, Thos. Hamill
to whom it may concern.....Sept. 21, '22
Sept. 21, 1922—NW MADRID 200 NE
Brazil Ave NE 25XNW 100 Ptn Lot
6 Bk 29, Excel Hdt, Alexander Sel-
vitella.....Sept. 20, 1922
Sept. 21, 1922—S HAIGHT 175 N
Waller 25X9E-1012, Margaret wif
Christian Jain to James Marston
.....Sept. 5, 1922
Sept. 21, 1922—S VALUO AVE No.
1543 Balou Ave, bet. 3rd and Lane
Sts, John Reiff to Madden-Ham-
mersmith Development Co.....
Sept. 21, 1922
Sept. 21, 1922—N FREDERICK 25 E
Cole 25X80, Joseph H and Julie A
Raymond to A C Hamerton.....
Sept. 19, 1922
Sept. 21, 1922—W EIGHTH AVE
200 N Ortega, E N Gilson to whom
it may concern.....Sept. 18, 1922
Sept. 21, 1922—PTN LOTS 22 AND 23
Bk 3138, Westwood Park, Hans
and Esther E Nelson to whom it
may concern.....Sept. 20, 1922
Sept. 21, 1922—E CASTRO 100 S 17th
S 99-9 E 80 S 75-1 E 63 N 175 E
148, Nasser Bros to Jas A Nelson
.....Sept. 14, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Accepted
Sept. 15, 1922—N GREEN 171-104 E	
Broderick E 34-42XN 137-6, No.	
2550 Green, D Zelinsky & Sons vs	
Jno Elsbach and H L E Meyer Jr	
and Bess T Meyer.....	\$168.176
Sept. 18, 1922—NW GUERRERO 68-9 W	
Divisadero W 34-42XN 103-6, Pope	
Atalot vs Lizzie M Darbrow, L	
D Allen & Co, and Windsor Ter- race Co.....	\$150.41
Sept. 20, 1922—S CARL 29 W	
Shrader 25X100, Garrett M Gold- berg & Co vs Al Lawcock & Surah	
Banks.....	\$91.64
Sept. 20, 1922—SW THIRTY-SEVENTH Irving 25X85, Garrett M Goldberg	
vs Al Lawcock and W W	
Haley.....	\$106.56
Sept. 20, 1922—N GREEN 68-9 W Di- visadero W 34-42XN 103-6, Western Lime & Cement Co, \$236.71, Holmes Lime & Cement Co, \$43.75 vs Lizzie M Darbrow, L	
D Allen & Co and Windsor Terrace Co.....	\$304.46
Sept. 18, 1922—NW TWENTY-SIXTH Ave and West Clay 40X100, Gins- berg Tile Co vs C R Haley and Kenneth MacDonald.....	\$689.95
Sept. 20, 1922—N GREEN 68-9 W Divisadero W 34-42XN 103-6, Joost Bros vs L D Allen and Lizzie M Darbrow.....	\$142.27
Sept. 20, 1922—SW TWENTY- second Ave and Irwin W 75X8 65, Joost Bros vs L D Allen and Win- sor Terrace Bldg Co.....	\$130.04

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
 Sept. 16, 1922—N PALMETTO AVE.
 190 W Capital Ave W 100xN 125.
 Wayne Millwork & Lumber Co to
 Olaf Olson and Andrea Rosso.
 Sept. 18, 1922—S CLAY 154-3 E
 Franklin E 32-7xS 127-8 1/2. Eureka
 Sash, Door & Moulding Mills, Paul
 I Karib, Chas Jacobsen and J H
 Kruse to George D and Aimee
 Merrill and Martin S Show.
 Sept. 18, 1922—S CLAY 154-3 E
 Franklin E 32-7xS 127-8 1/2. W P
 Fuller & Co, C W Withington,
 Wedel Electric Co, Chas W Hig-
 gins, Marshall & Stearns Co, In-
 candescent Supply Co and C Peter-
 sen Co to Geo D and Aimee Merrill
 and Martin S Show.
 Sept. 18, 1922—S CLAY 154-3 E
 Franklin S 127-8 1/2 W 32-8 1/2 to
 beg. Inland Floor Co to Martin
 Show, George D and Aimee Merrill
 Sept. 18, 1922—S CLAY 155-3 E
 Franklin E 32-7xS 127-8 1/2. Loop
 Lumber Co to Aimee Merrill.
 Sept. 19, 1922—O L ELK 910 bdd by
 Noriega and Ortega, 4714 and 48th
 Aves. T D Harney to Globe Realty
 Co.
 Sept. 20, 1922—LOT 9 ELK 1587 W
 44th Ave bet. Anza and Balboa, L
 F Thompson to Paul L Rinch,
 Louise A Rinch and Geo M Merrill

4014 Williams Owner 1500
 4015 Marshall Owner 1000
 4016 Figuerio Hitcher 1000
 4017 Earl Barnes 2000
 4018 Myers Owner 2000
 4019 Brown Owner 1500
 4020 Fahey Warner 2000
 4021 Hessler Owner 5000
 4022 Same Same 5000
 4023 Wiekling Strang 13000
 4024 Jacobsen Whiglin 15000
 4025 Hampel Johnson 6700
 4026 Fisher Owner 5000
 4027 Cross Birks 3000
 4028 Corica Perry 4000
 4029 Piper Owner 2000
 4030 Bully Owner 3500
 4031 Graham Perry 4000
 4032 Kelly Forbes 800
 4033 Marquis Parker 3000
 4034 Hale Owner 3000
 4035 Olsson Knight 13500
 4036 Allen Walworth 5500
 4037 Adams Adams 3500
 4038 MacGregor Owner 7500
 4039 Same Same 18250
 4040 Gillerman Owner 6000
 4041 Silverstein Rich 8000
 4042 Broadwell Owner 2750
 4043 Star Walker 50000
 4044 Nunes Cushman 1000
 4045 Grohe Owner 1500
 4046 Casha Owner 2000
 4047 Roberts Owner 3000
 4048 Newman Owner 2700
 4049 Hooper Walters 11000
 4050 Bergard Wells 4300
 4051 Peppin Owner 25500
 4052 Eliaz Rieberg 3250
 4053 Page Owner 5000
 4054 Oates Rogers 2750
 4055 Lind Henderson 2000
 4056 Hink Owner 4500
 4057 Kield Pinkerton 9900
 4058 Bettencourt Owner 2000
 4059 Benson Higgins 4000
 4060 Litehouse Matheyer 4000
 4061 Haedrich Orton 6000
 4062 Bigley Moran 1000
 4063 Townsell Owner 3000
 4064 Drost Owner 3000
 4065 Bacon Owner 7000
 4066 Goranson Owner 5600
 4067 Goranson Owner 2800
 4068 Rieberg Owner 3000
 4069 Cruls Owner 5000
 4070 Nelson Owner 2200
 4071 Dawling Owner 2900
 4072 Beltrano Weber 1000
 4073 Warner Owner 4000
 4074 St. Johannes Kopf 7175
 4075 Crestetto Petersen 8850
 4076 Highy Fish 344
 4077 Simpson Ventr 4800
 4078 Linville Owner 3500
 4079 Pavert Owner 7500
 4080 Same Same 3850
 4081 Same Owner 7500
 4082 Finger Owner 2000
 4083 Wheeler Muller 2500
 4084 Texdahl Owner 2700
 4085 Golden S F Oven 3500
 4086 Pfraug Owner 6000
 4087 Ray Walston 3500
 4088 Legris Owner 9500
 4089 Wilson Wilson 3800
 4090 Martino Cicero 3000
 4091 Estee Long 7600
 4092 Bernadow Healy 2900
 4093 Morton Owner 1500
 4094 Albertson Lambrecht 2000
 4095 Lepace Muller 16000
 4096 Franz Owner 5500
 4097 Standard Owner 4000
 4098 Gray Olsen 4800
 4099 Miller Hildebrand 7000
 4100 Whitthorne Knowles 1500
 4101 Godmundson McGregor 4100
 4102 Kirske Baker 8000
 4103 Baker Pearson 17212
 4104 Ish Schwantes 1250
 4105 Craig MacMillan 2000
 4106 Rugg Birmingham 1150
 4107 Norris Owner 2500
 4108 Necolette Johnson 1200
 4109 Graham Owner 3000
 4110 Sims Owner 3000
 4111 Cotton Owner 3000
 4112 Readshaw Burnett 7187

DWELLING
 (4002) NO. 309 HIGHLAND AVE.
 Piedmont. Two-story 8-room dwlg.
 Owner—Dr M. E. Lando, 322 Thayer
 Bldg., Oakland.
 Architect—None.
 Contractor—S. G. Rankin, 712 Haddon
 St., Oakland. \$8300
 DWELLING
 (4004) NO. 305 OLIVE AVE., Piedmont
 One and one-half-story 7-room
 dwelling.
 Owner—C. A. Sores.
 Architect—None.
 Contractor—J. E. Sprung. \$5200
 DWELLING
 (4005) NO. 1118 WINSOR AVE., Pied-
 mont. Two-story 7-room dwlg.
 Owner—G. Saunders.
 Architect—None.
 Contractor—A. Peterson, 3918 Linwood
 Ave., Oakland. \$5500
 ALTERATIONS
 (4006) NO. 1324 ALCATRAZ AVE.,
 Berkeley. Alterations.
 Owner—C. Kunz, premises.
 Architect—None. \$1000
 DWELLING
 (4007) NO. 1439 DEREY ST., Ber-
 keley. One-story 5-room dwlg
 Owner—John K. Maccros.
 Architect—None.
 Contractor—C. M. MacGregor, 470 13th
 St., Oakland. \$2500
 DWELLING
 (4008) NO. 1443 DEREY ST., Ber-
 keley. One-story 6-room dwlg.
 Owner—C. M. Macgregor, 470 13th St.,
 Oakland
 Architect—None. \$3500
 DWELLING
 (4009) NO. 2008 LOS ANGELES ST.,
 Berkeley. Two-story 9-room dwlg.
 Owner—A. J. Hanford, 2125 McGee
 Ave., Berkeley.
 Architect—None. \$8000
 DWELLINGS
 (4010) NO. 218 REGENT ST., Ber-
 keley. Seven one-story 4-room
 dwellings.
 Owner—A. J. Pollard, 77 Plaza Drive,
 Berkeley.
 Architect—None. \$2000 each
 ALTERATIONS
 (4010) SE THIRTEENTH AND BRUSH.
 Oakland. Alter intc apartments.
 Owner—J. F. Chambers, Plaza Bldg.,
 Oakland.
 Architect—None. \$2000
 DWELLING
 (4011) N E-NINTHENTH 112 E Fifth
 Ave., Oakland. One-story 5-room
 dwelling.
 Owner—J. F. Whalen, Federal Bldg.,
 Oakland.
 Architect—None. \$3800
 DWELLING
 (4012) N BROOKDALE 240 N Ren-
 wick, Oakland. One-story 5-room
 dwelling.
 Owner—Howard E. Lombard, 2228 7th
 Ave., Oakland.
 Architect—None.
 Contractor—Wm. B. Graybill, 2202 9th
 Ave., Oakland. \$4000
 DWELLING
 (4013) E THIRTY-FOURTH AVE 80
 S Davis, Oakland. One-story 4-
 room dwelling.
 Owner—E. L. Blackman, 1221 E-14th
 St., Oakland.
 Architect—None. \$2000
 DWELLING
 (4014) W CHESTNUT 140 N 30th St.,
 Oakland. One-story 3-room dwlg.
 Owner—Geo. A. Williams, 3820 Park
 Blvd., Oakland.
 Architect—None. \$1500

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Sept. 20, 1922—NW McALLISTER &
 Franklin W 59-6xN 80. Jos, Helena
 and Christina Wannemacher as to
 improvements on property.

CESSATION OF LABOR

SAN FRANCISCO COUNTY

Sept. 19, 1922—NE POST & POWELL
 N 137-6 E 162-9 S 137-6 W 162-9
 Wm M and Mary E Fitzgugh with
 A J Reeder. Work ceased Aug.
 12, 1922.

NOTICE OF NON-LIABILITY

SAN FRANCISCO COUNTY

Sept. 18, 1922—N FULTON 71-6 W
 Gough W 66xN 137-6. Adams Co
 as to improvements on property.

CANCELLATION OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

Sept. 18, 1922—E MISSION 235 S 25th
 25x115. Thos I James with Fred
 Warden. Dated Sept. 18, 1922.

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the
 contracts for this issue.

No.	Owner	Contractor	Amt.
4003	Lando	Rankin	8350
4004	Sones	Spring	5200
4005	Sanderson	Peterson	5500
4006	Kunz	Owner	1000
4007	Maccros	MacGregor	3500
4008	MacGragor	Owner	3500
4009	Hanford	Owner	8000
4010	Chambers	Owner	2000
4011	Whalen	Owner	3800
4012	Lombard	Graybill	4000
4013	Blackman	Owner	2000

DWELLING
(4016) E PARK BLVD. 320 S Everett St., Oakland. One and one-half-story dwelling.
Owner—Howard Marshall, 2207 Broadway, Oakland.
Architect—None.
Day's work. \$4000

DWELLING
(4016) W VICKSBURG 100 N Foot-hill Blvd., Oakland. One-story 5-room dwelling.
Owner—Marcel Figueroa, 5817 E-17th St., Oakland.
Architect—None.
Contractor—G. W. Ritchhert, 5807 E-17th St., Oakland. \$4000

DWELLING
(4017) S FORTY-SECOND 220 E Market, Oakland. One-story 4-room dwelling.
Owner—John J. Earle.
Architect—None.
Contractor—H. W. Barnes, 64 Garland Ave., Oakland. \$2900

DWELLING
(4018) S PAXTON 238 W 35th Ave., Oakland. One-story 5-room dwlg.
Owner—Geo. Myers, 1144 Peralta St., Oakland.
Architect—None. \$2500

DWELLING
(4019) W EIGHTY-SECOND AVE. 300 S E-14th St., Oakland. One-story 4-room dwelling.
Owner—J. F. Brown, 2241 62nd Ave., Oakland.
Architect—None. \$1800

DWELLING
(4020) S KANNING 80 W Maybelle One-story 4-room dwelling.
Owner—R. K. Falley.
Architect—None.
Contractor—S. A. Warner, 850 Cleveland, Oakland. \$2000

DWELLING
(4021) E VERMONT 50 S Prince, Oakland. One-story 6-room dwlg.
Owner—W. Hessler, 5927 Grove St., Oakland.
Architect—None. \$5000

DWELLING
(4022) E VERMONT 150 S Prince, Oakland. One-story 6-room dwlg.
Owner—W. Hessler, 5927 Grove St., Okd
Architect—None. \$5000

DWELLING
(4023) S LONGRIDGE 50 E Northvale Park. Two-story 10-room dwlg.
Owner—H. Wicking, Oakland.
Architect—None.
Contractor—Fred Strang, 2221 San Antonio, Alameda. \$13,000

DWELLING
(4024) N. LONGRIDGE RD. 350 W. Paloma, Oakland. Two-story 10-rm dwelling.
Owner—Dr. P. N. Jacobsen, 479 Cheney, Oakland.
Architect—None.
Contractor—W. E. Whalin, 323 Lester Ave., Oakland. \$15,000

SE THIRTEENTH AVE., being E port. Lot 220 Map Fourth Ave. Terrace Ext., Oakland. All work for One-story 8-room dwelling except grading, fences, wall paper, fin. hdw. and light fix.
Owner—John H. and C. A. Hampel, 971 37th St., Oakland.
Architect—Frederick Soderberg, 276 Perkins St., Oakland.
Contractor—S. E. Johnson, 4652 Dolores St., Oakland.
Filed Sept. 15, 1922. Dated Sept. 15, 1922.
Sheathed. \$4000
Plastered. \$4000

Completed and accepted. \$4
Usual 35 days. \$4
TOTAL COST, \$6700
Bonds none; sureties none; forfeit, \$5 d;
Limit, 85 days; plans and specifications filed.

DWELLING
(4026) E ALMA 125 N Mathews, Oakland. One-story 6-room dwelling.
Owner—H. P. Fisher, Syndicate Bldg., Oakland.
Architect—None. \$5000

DWELLING
(4027) E FOURTEENTH AVE 350 S E-29th St., Oakland. One-story 5-room dwelling.
Owner—Cross Invst. Co.
Architect—None.
Contractor—C. E. Burks, 4129 Randolph Ave., Oakland. \$3000

DWELLING
(4028) E BAYVIEW 100 N E-28th St., Oakland. One-story 6-room dwlg.
Owner—Mr. Corter.
Architect—None.
Contractor—J. F. Perry, 733 Haight Ave., Alameda. \$4000

DWELLING
(4029) E HARRINGTON 240 S Santa Rita, Oakland. One-story 4-room dwelling.
Owner—Sanford Piper, 2094 Harrington St., Oakland.
Architect—None. \$2000

DWELLING
(4030) SW 10TH AVE & WALNUT, Oakland. One-story 4-room dwlg.
Owner—Otto Burly, 74 6th St., Oakland
Architect—None. \$3500

DWELLING
(4031) E ELSTON 200 S Hampel, Oakland. One-story 4-room dwelling.
Owner—Miss Graham.
Architect—None.
Contractor—J. F. Perry, 733 Haight Ave., Alameda. \$1000

ADDITION
(4032) LOCATION NOT GIVEN, Oakland. Carpenter and plastering work for addition to dwelling.
Owner—Walter Kelly, 674 25th St., Oakland.
Architect—None.
Contractor—J. W. Forbes, 841 Union St., Oakland.
Filed Sept. 16, '22. Dated Sept. 12, '22.
Frame up. \$160
Ready for plaster. 160
Plastered. 160
Completed and accepted. 160
Usual 35 days. 160
TOTAL COST, \$800
Bond, none. Limit, 60 days. Forfeit, \$1. Specifications only filed.

DWELLING
(4033) NO. 1709 SACRAMENTO, Berkeley. One-story 5-room dwlg.
Owner—P. E. Marquis.
Architect—None.
Contractor—Joseph Parker, 944 E-14th St., Oakland. \$3000

DWELLING
(4034) NO. 835 INDIAN ROCK, Berkeley. One and one-half-story 5-room dwelling.
Owner—G. W. Hale, 706 Alameda St., Berkeley.
Architect—None. \$3000

FLATS
(4035) S WEBSTER 120 E College Ave., Berkeley. Two-story 16-room flats.
Owner—John J. Olson, 6024 Chabot Rd., Berkeley.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Berkeley. \$13,500

APARTMENTS
(4036) NO. 1751-1763 VIRGINIA ST., Berkeley. One-story eight-room apartments.
Owner—Mrs. Allen, 1624 Grant St., Berkeley.
Architect—None.
Contractor—S. L. Walworth, 1841 Hearst Ave., Berkeley. \$5500

DWELLING
(4037) S BROOKDALE AVE 285 W Fruitvale, Oakland. One-story 5-room dwelling.
Owner—C. F. Adams, 2563 Bartlett St., San Francisco.
Architect—None.
Contractor—E. H. Adams, 2840 23rd Ave., Oakland. \$3500

DWELLINGS
(4038) E BARTLETT 131 and 255 N Brookdale, Oakland. Two one-story 5-room dwellings.
Owner—C. M. MacGregor, 407 13th St., Oakland.
Architect—None. \$3500 each

DWELLINGS
(4039) E BARTLETT 50, 91, 172, 214 and 296 N Brookdale, Oakland. Five one-story 6-room dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. \$3650 each

FLATS
(4040) S COTTAGE 231 E Warfield, Oakland. Two-story 8-room flats.
Owner—W. J. Gillerman, 5815 Dover St., Oakland.
Architect—None. \$6000

DWELLING
(4041) NW ERIE AND WELDON, Oakland. Two-story 8-room dwlg.
Owner—Silverstein & Green.
Architect—None.
Contractor—Jas. L. Rich, 947 42nd St., Oakland. \$8900

DWELLING
(4042) E EIGHTY-FOURTH AVE 160 S Birch, Oakland. One-story five-room dwelling.
Owner—M. R. Broadwell, 1752 84th Ave., Oakland.
Architect—None. \$2750

OFFICE
(4043) N E-FOURTEENTH opp. 107th Ave., Oakland. One-story brick and concrete office.
Owner—Star Motor Co.
Architect—None.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco. \$50,000

(4044) SW EIGHTY-FOURTH AVE & Plymouth, Oakland. Addition.
Owner—A. F. Nones, Premises.
Architect—None.
Contractor—C. A. Cushman, 1675 85th Ave., Oakland. \$1000

DWELLING
(4045) FRUITVALE EXTN., Oakland. One-story 4-room dwelling.
Owner—Frank Grohe, 164 Bonview Ave., San Francisco.
Architect—None. \$1500

DWELLING
(4046) E FORTIETH AVE 110 N Mera, Oakland. One-story 4-room dwelling.
Owner—T. C. Asha and F. Ewing, 1839 40th Ave., Oakland.
Architect—None. \$2000

DWELLING
(4047) W RAWSON AVE 200 N Trask Oakland. One-story 5-room dwlg.
Owner—L. F. Roberts, 3925 14th Ave., Oakland.
Architect—None. \$3000

DWELLING
(4048) E SEMINARY AVE 105 S Brawn, Oakland. One-story five-room dwelling.

Owner—B. C. Newman, 2316 Buena Vista Ave., Alameda.
Architect—None. \$2700

DWELLING
(1049) S SANTA RAY 290 E Viona, Oakland. Two-story 7-room dwlg.
Owner—Edw. Hooper, 1671 17th St., Oakland.
Architect—None.
Contractor—A. B. Walters, 432 Hudson St., Oakland. \$11,000

DWELLING
(4050) SW THIRTY-THIRD AVE & E-16th, Oakland. One-story six-room dwelling.
Owner—Mary Targard, 1649 34th St., Oakland.
Architect—None.
Contractor—F. P. Wells, 1034 Porter St., Oakland. \$4300

DWELLINGS
(4051) W BARROWS ROAD 130, 177, 224, 270, 214 and 360 S Creed Rd., Oakland. Six one-story 6-room dwellings.
Owner—J. P. Peppin, 831 Trestle Glen, Oakland.
Architect—None. \$5000, \$4850, \$4950, \$4850, 4950 and \$4900 respectively

DWELLING
(4052) LOTS 18 AND 19 BLK C Laurel Grove Park, Oakland. All work for one-story 5-room dwelling and garage.
Owner—Burdette Elias, 3427 Laurel Ave., Oakland.
Architect—None.
Contractor—C. J. Rheberg, 2837 Montana St., Oakland.
Filed Sept. 18, '22. Dated Aug. 30, '22
Roof boards on..... 1/4
Plastered..... 1/4
Completed..... 1/4
After acceptance filed..... 1/4
TOTAL COST, \$3250
Bond, none. Limit, 3 1/2 months. Forfeited, none. Plans and specifications filed.

DWELLING
(4053) S BROADWAY TERRACE opp Carlton, Oakland. One-story six-room dwelling.
Owner—M. Page, 2060 55th Ave., Okd.
Architect—None. \$5000

DWELLING
(4054) NO. 1125 PARKER, Berkeley. One-story 5-room dwelling.
Owner—Richard Oates, 1963 E-38th St., Oakland.
Architect—None.
Contractor—Chas. Rogers, 2115 64th Ave., Oakland. \$2750

DWELLING
(4055) NO. 1048 SIERRA, Berkeley. One-story 5-room dwelling.
Owner—R. O. Lind.
Architect—None.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. \$3000

ALTERATIONS
(4056) NO. 2125 SHATTUCK AVE., Berkeley. Alterations.
Owner—Lester Hink.
Architect—None.
Contractor—Conner & Conner, 172f Grove St., Berkeley. \$4500

FLATS
(4057) NO. 1224-26-28-30 UNIVERSITY Ave., Berkeley. Two-story flats.
Owner—R. B. Kidd, 838 Arlington St., Berkeley.
Architect—None.
Contractor—J. A. Pinkerton, 1931 Berryman, Berkeley. \$9900

DWELLING
(4058) N "C" St. 175 E Jones St., Okd. One-story 4-room dwelling.
Owner—J. Bettencourt, 1312 96th Ave., Oakland.
Architect—None. \$2009

DWELLING
(4059) S CAVOUR 100 E Claremont Oakland. Two-story 6-room dwlg.
Owner—Wm. Benson.
Architect—None.
Contractor—W. H. Higgins Co., 5259 Miles Ave., Oakland. \$4000

DWELLING
(4060) N EL CAMILE 200 E Kingsland, Oakland. One-story 6-room dwelling.
Owner—E. M. Whitehouse, 1507 7th Ave., Oakland.
Architect—None.
Contractor—L. E. Matheyer Co., 1369 Hopkins, Oakland. \$4000

DWELLING
(4061) N FOOTHILL BLVD. 50 W Ritchie, Oakland. 1 1/2-story 7-room dwelling.
Owner—Jas. Haderich.
Architect—None.
Contractor—A. E. Orton, 6800 Trener, Oakland. \$6000

ALTERATION
(4062) 836 THIRTY-FORTH ST., Oakland. Alterations.
Owner—D. F. Bigley, premises.
Architect—None.
Contractor—Moran & Monte, 1225 Myrtle St., Oakland. \$1000

DWELLING
(4063) 3811 KANSAS ST., Oakland. One-story 5-room dwelling.
Owner—Mrs. J. C. Townsell, premises.
Architect—None. \$3000

DWELLING
(4064) N LYON 150 W 38th Ave., Oakland. One-story 6-room dwelling.
Owner—J. Drost, 3006 Fruitvale Ave., Oakland.
Architect—None. \$3000

DWELLING
(4065) S MANDANA BLVD. 327 E Clarendon Crescent, Oakland. One-story 6-room dwelling.
Owner—G. W. Bacon, 5747 Dover St., Oakland.
Architect—None. \$7000

DWELLINGS
(4066) S MAINE 38 and 77 E Curran, Oakland. Two 1-story 5-room dwlgs.
Owner—H. Goranson, 3476 Laguna Ave., Oakland.
Architect—None. \$2800 ea

DWELLING
(4067) S E COR MAINE & CURRAN, Oakland. One-story 5-room dwlg.
Owner—H. Goranson, 3471 Laguna Ave., Oakland.
Architect—None. \$2800

DWELLING
(4068) S MONTANA 386 E Peralta Ave., Oakland. One-story 5-room dwlg.
Owner—C. J. Rheberg, 2831 Montana, Oakland.
Architect—None. \$3000

DWELLING
(4069) W NINETY-EIGHTH AVE., bet D & E St., Oakland. One-story 5-room dwelling.
Owner—J. Crudo, 389 150th Ave., Okd.
Architect—None. \$5000

DWELLING
(4070) S E COR 107th AVE. and Hortense, Oakland. One-story 5-room dwelling.
Owner—Mrs. Rudolph Nelson, 901 Blenheim, Oakland.
Architect—None. \$2200

DWELLING
(4071) N SIXTY-FIRST ST. 20 West Rounce, Oakland. One-story 5-room dwelling.
Owner—G. F. Dawling, Federal Bldg., Oakland.
Architect—None. \$2900

ADDITION
(4072) 1155 SIXTY-FIFTH ST., Oakland. One-story 2-room addition.
Owner—John Holtrano, premises.
Architect—None.
Contractor R. Weber, 1140 66th St., Oakland. \$1000

DWELLING
(4073) E THIRTY-FOURTH AVE., 450 N Foothill Blvd., Oakland. One-story 5-room dwelling.
Owner—S. A. Warner, 850 Cleveland Ave., Oakland.
Architect—None. \$4000

CHURCH
(4074) LOTS 1, 2, 3, 4, 5, 6 and NW 7 1/2 Lot 7 Blk B Map Edgerly Tract Oakland. Frame churches.
Owner St. Johannes Evangelical Lutheran Church of Oakland.
Architect Philip Schwerdt, 2520 Jackson St., S. F.
Contractor—Ben F. Kopf, 1015 82nd Ave. Oakland.
Filed Sept. 19, 1922. Dated Sept. 16, '22.
Sheathed.....\$1800
Brown coated.....1800
Completed and accepted.....1775
Usual 35 days.....1800
TOTAL COST, \$7175
Bonds, none; Sureties, none; Forfeit, \$1 day; Limit, 90 days; plans and spec. filed.

DWELLING
(4075) LOT 21 BLK 11 Lakeside Sub-division Adams Point Pkty., Oakland. All work four one-story 6-room dwelling.
Owner—L. Crestetto, 425 Clay St., Oakland.
Architect—None.
Contractor—James E. Petersen, 2053 28th Ave., Oakland.
Filed Sept. 18, '22. Dated Sept. 18, '22.
Frame up.....1/4
Flooring.....1/4
Plastered and accepted.....1/4
Usual 35 days.....1/4
TOTAL COST, \$8850
Bond, none. Limit, 30 days. Forfeit, plans and specifications, none.

ALTERATIONS
(4076) PARK ST. AND LINCOLN Ave., Alameda. Alterations.
Owner—W. Higby.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. \$3344

DWELLING
(4077) NO. 728 TAYLOR AVE., Alameda. One-story 6-room dwelling.
Owner—Wm. Simpson, 735 Taylor Ave., Alameda.
Architect—None.
Contractor—James Ventre, 1861 Elm St., Alameda. \$4800

STORES
(4078) NO. 1412-14 UNIVERSITY AVE., Berkeley. One-story 2-room stores.
Owner—C. E. Linville, 2129 Grant St., Berkeley.
Architect—None. \$3500

DWELLINGS
(4079) NO. 1530 AND 1532 HOPKINS, Berkeley. Two one-story 6-room dwellings.
Owner—R. J. Favert, 1st National Bk. Bldg., Berkeley.
Architect—None. \$3750 each

DWELLING
(4080) NO. 1507 ADA ST., Berkeley. One-story 5-room dwelling.
Owner—R. J. Favert, 1st National Bk. Bldg., Berkeley.
Architect—None. \$3850

DWELLINGS
(4081) NO. 1247 AND 1251 SACRAMENTO, Berkeley. Two one-story 5-room dwellings.
Owner—R. J. Favert, 1st National Bk. Bldg., Berkeley.
Architect—None. \$3750 each

DWELLING
(4082) NO. 2338 FOURTH ST., Berkeley. One-story 5-room dwlg.
Owner—Patrick Finger, 2334 Fourth St., Berkeley.
Architect—None. \$2006

ALTERATIONS
(4083) NO. 2015 SHATTUCK AVE., Berkeley. Alterations.
Owner—Wheeler & Greyorn.
Architect—None.
Contractor—Muller Mfg. Co., 61 Rausch St. San Francisco. \$2500

DWELLING
(4084) NO. 2509 STANTON, Berkeley. One-story 5-room dwelling.
Owner—C. Texdahl, 3575 Belgrave Pl., Berkeley.
Architect—None. \$2700

BAKE OVEN
(4085) ADLINA AND LINDEN STS., Oakland. Bake oven.
Owner—Golden Sheaf-Romar Co.
Architect—None.
Contractor—S. F. Owen Co. \$3500

DWELLING
(4086) NW BROADWAY AND LAWTON, Oakland. One-story 6-room dwelling.
Owner—H. C. Tfrang, 5629 Ocean View Drive, Oakland.
Architect—None. \$6000

DWELLING
(4087) E CONGRESS 606 N Ygnacio, Oakland. One and one-half-story 7-room dwelling.
Owner—A. J. Ray, 5121 Wadsworth Place, Oakland.
Architect—None.
Contractor—Wm. Watson, 5392 Wentworth St., Oakland. \$3500

DWELLINGS
(4088) E PIEDMONT 250 and 250 S Hollywood, Oakland. Two one-story 6-room dwellings.
Owner—L. H. L. Griss, 1251 Bancroft St., Oakland.
Architect—None. \$1750 each

DWELLING
(4089) E EIGHTY-FIFTH AVE 40 S Holly, Oakland. One-story 6-room dwelling.
Owner—Mrs. Emma C. Wilson, 5529 E 11th St., Oakland.
Architect—None.
Contractor—F. J. Wilson, 5529 E-11th St., Oakland. \$2800

DWELLING
(4090) N FORTY-SEVENTH 150 E West, Oakland. One-story 5-room dwelling.
Owner—J. A. Mattine, 723 16th St., Oakland.
Architect—None.
Contractor—Cicero & Rainier, 458 42nd St., Oakland. \$2000

DWELLING
(4091) E MERRITT AVE bet Wesley and Capitol, Oakland. One and one-half-story 8-room dwelling.
Owner—Wm. C. Bates.
Architect—None.
Contractor—Ray O. Long Co., 2111 Slattuck Ave., Berkeley. \$7500

DWELLING
(4092) W MARSHALL 215 N 55th St., Oakland. One-story 4-room dwlg.
Owner—J. B. Bradway, 5484 Marshall St., Oakland.
Contractor—P. J. Healy, 39 Nace Ave., Oakland. \$2900

DWELLING
(4093) E 105TH AVE 600 S Knight, Oakland. One-story 3-room dwlg.
Owner—C. B. Gordon, 260 105th Ave., Oakland.
Architect—None. \$1500

DWELLING
(4094) S SHAFTER 80 S Pryal, Oakland. One-story 3-room dwelling.
Owner—Frederick Albertson, 5530 College Ave., Oakland.
Architect—None.
Contractor—Vigo Lambrecht, 1938 88th Ave., Oakland. \$2000

STORE BLDG.
(4095) N SIXTEENTH ST. 300 W Telegraph, Oakland. One-story concrete store.
Owner—R. & T. Leplace, 1319 Washington, Oakland.
Architect—Reed & Corlett, Okd. Bank Building.
Contractor—F. A. Muller, Syndicate Bldg., Oakland. \$16,000

DWELLING
(4096) S W COR THIRTY-FOURTH AVE. and E-16th St., Oakland. One-story 6-room dwelling.
Owner—Frank Franz, 3210 E-11th St., Oakland.
Architect—None. \$5500

SERVICE STATION
(4097) N W COR. THIRTIETH AND San Pablo, Oakland. One-story steel service station.
Owner—Standard Oil Co.
Architect—None. \$4000

DWELLING
(4098) S E COR. THIRTY-EIGHTH AVE. and Agua Vista Ave., Oakland. One-story 6-room dwelling.
Owner—Mrs. Ella L. Gray, 9635 E-14th St., Oakland.
Architect—None.
Contractor—O. H. Olsen, 1511 34th Ave., Oakland. \$1500

UNDERTAKING BLDG.
(4099) W-TWENTY-FOURTH AVE. 69 N-E-11th St., Oakland. One-story 8-room undertaking building.
Owner—Grant D. Miller, 2372 E-11th St., Oakland.
Architect—None.
Contractor—C. H. Hildebrand, 1700 Fremont Way, Oakland. \$7000

MEZ FLOOR
(4100) 1015 WASHINGTON, Oakland. Mez. floor.
Owner—Wittorne & Swan, premises.
Architect—None.
Contractor—Wm. Knowles, Cent Bank Bldg., Oakland. \$1500

DWELLING
(4101) E ZORAH 30 S Cleveland, Oakland. One-story 6-room dwlg.
Owner—A. K. Goodhandson, 2110 San Pablo, Oakland.
Architect—None.
Contractor—C. M. McGregor, 470 15th St., Oakland. \$4100

DWELLING & GARAGE
(4102) Lt 48 PIED. MANOR, Piedmont. One-story frame dwelling and garage.
Owner—Fred W. Kirske, 364 Arguello Blvd., San Francisco.
Architect—None.
Contractor—W. J. Baker, 2355 Ransome Ave., Oakland.

Filed Sept. 20, 1922. Dated Sept. 20, 1922.
Frame up 1/4
Plastered 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$5000
Bond, none; Sureties, none; Forfeit, none; Limit, 90 days Sept. 23; Plans and specifications filed.

DWELLING
(4103) LOT 17 BLK 1 CLAREMONT, Berkeley. Two-story and basement dwelling.
Owner—Doris Devslin Baker, Berkeley.
Architect—Eugene B. Baker.
Contractor—Ben Pearson, 2104 Grand Berkeley.

Filed Sept. 20, 1922. Dated Sept. 19, 1922.
Frame up 1/4
Plastered 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$17,242
Bonds, none; Sureties, none; Forfeit, none; Limit, 100 days; plan and specifications filed.

ALTERATION
(4104) 5426 BOYD AVE., Oakland. Alteration.
Owner—M. C. Ish, premises.
Architect—None.
Contractor—G. J. Schwantes, 6293 College Ave., Oakland. \$1250

DWELLING
(4105) N CHABOT RD. Opp. Hearn, Oakland. One-story 4-room dwlg.
Owner—Wm. Craig, 609 35th St., Okd.
Architect—None.
Contractor—D. C. MacMillan, 2245 38th Ave., Oakland. \$2000

ADDITION
(4106) 487 FORTY-THIRD ST., Oakland. Alteration and addition.
Owner—P. L. Rugg.
Architect—None.
Contractor—Wm. Birmingham 458 43rd St., Oakland. \$1150

DWELLING
(4107) N GEORGIA ST. 210 Peralta, Oakland. One-story 4-room dwlg.
Owner—Edw. H. Norris, 234 E 18th St., Oakland.
Architect—None. \$2500

ADDITION
(4108) 5424 KALES AVE., Oakland. Addition.
Owner—Mrs. H. Necoletti, premises.
Architect—None.
Contractor—C. E. Johnson, 1860 E-14th St., Oakland. \$1200

DWELLING
(4109) E-SIXTY-FIRST AVE. 120 N Brann, Oakland. One-story 5-room dwelling.
Owner—Lewis Graham, 2412 23rd Ave., Oakland.
Architect—None. \$3000

DWELLING
(4110) E-SIXTIETH AVE. 120 N Fortune Way, One-story 5-room dwlg.
Owner—Wm. H. Sims, 1919 42nd Ave., Oakland.
Architect—None. \$3000

DWELLING
(4111) E-THIRTY-NINTH AVE. 150 S Bayo St. Oakland. One-story 6-rm. dwelling.
Owner—A. W. and G. B. Cotton, 3824 39th Ave., Oakland.
Architect—None. \$3000

DWELLING
(4112) LOT 5 BLK 2 Map Central Piedmont Tract, Piedmont. All work for one and one-half-story 7-room frame dwelling.
Owner—Lizzie S. Readshaw, Oakland.
Architect—None.
Contractor—F. L. Burnett, 745 Aileen St., Oakland.
Filed Sept. 17, 22. Dated Sept. 19, 22.
Frame up 1/4
Ready for plaster 1/4
Siding finish 1/4
Completed 1/4
TOTAL COST, \$7187
Bond, none; Limit, 100 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded
Sept. 14, 1922.—E. ESENADA AVE 5466 S. Capistrano Ave. Berkeley.
E W and Allison P Sawyer to W C Marshall.....Sept. 14, 1922

Sept. 14, 1922—LOT 6 and S 4 Lot 7, and ptn LOT 5 Blk 6, Resbvdn Lots 7, 8, 9, 10, 11, 12, 13, 14 and 15 Blk 6, Highland Slavin Adams Pkty, Oakland. Henry W. Haler to whom it may concern. Sept. 11, 1922
Sept. 15, 1922—SW FIFTEENTH WAY, and Bancroft Way W 137.64 S 140 W 34 S 58.75 E 50 S 21.25 E 87 N 502.41, Berkeley. Charles L. Tilden to J. McElhenny & Son, Aug. 21, 1922
Sept. 15, 1922—LOT 28 BLK 16, Berkeley Heights, Berkeley. H. D. Dewell to Walter Moor, Sept. 14, 1922
Sept. 15, 1922—S 140.81 E 30 W Capell W 35.88 N 40, Oakland. R. S. Linsen to C. C. Linsen, Sept. 13, 1922
Sept. 15, 1922—E MARKET 181 S, First S 200x100, Oakland, Pacific Gas & Elec Co. to Duncanson-Harrelson Co., Sept. 8, 1922
Sept. 15, 1922—W 25 LOTS 11 and 15 Map Schrader Tract, Oakland. F. F. Porter to Paulson & Marini, Sept. 15, 1922
Sept. 15, 1922—LOT 147 BLK "C", Meek Estate Orchard, Berkeley. R. Christena Rackel to Chas. Widlund, Sept. 8, 1922
Sept. 15, 1922—E E-FOURTEENTH 842 N Stanley Ave 210.85x102.70, Oakland. Star Motor Co. of Calif. to California Steel Co., Sept. 7, 1922
Sept. 14, 1922—E BROADWAY 55 N 12th N 45x100, Oakland. The Oakland Bank to Mervyn-Eiwell Co., Sept. 6, 1922
Sept. 16, 1922—TELEGRAPH 132 S Duran Ave S 50xW 100, Berkeley. F. E. Romie to Leslie R. Wilson, Sept. 12, 1922
Sept. 16, 1922—SW GRAND AVE & Elwood Ave W 85 S 88.20 E 97.33 N 52.75, Oakland. John and Nellie Bliss Edwards to F. A. Muller, Sept. 11, 1922
Sept. 16, 1922—LOT 6 BLK C Foot-hill Park Tract, Oakland. W. H. and D. I. Ballentine to H. M. Hicks, Sept. 14, 1922
Sept. 18, 1922—NO. 1954 LOS ANGELES AVE., Berkeley. James A. Gill to J. P. Brennan, Sept. 16, 1922
Sept. 19, 1922—W FIEDMONT AVE 210 S 40th S 29x100, Oakland. Wm. Kissane to Oliver Legault, Sept. 19, 1922
Sept. 19, 1922—SW PULTON and Carlton, Berkeley. M. K. Blake Est. Co. to whom it may concern. Sept. 19, 1922
Sept. 19, 1922—NO. 2521 THERMAL AVE., Oakland. J. L. Gresham to whom it may concern. Sept. 19, 1922
Sept. 19, 1922—LOTS 48, 49 and 50 Blk 6, Map Key Route Terrace No. 3, Berkeley. C. M. MacGregor to whom it may concern. Sept. 1, 1922
Sept. 20, 1922—NW THIRTEENTH Ave 85 NE E-Eighteenth NE 30x N 90, Oakland. Edmund Rupp to Frederick Anderson, Sept. 18, 1922
Sept. 20, 1922—W WINSOR AVE 300 N Lakeshore Ave, Oakland. P. C. Boehmer to whom it may concern. Sept. 19, 1922
Sept. 20, 1922—LOT 14 BLK F Claremont Avenue Tract, Oakland. Elmer W. West to Harry C. Knight, Sept. 12, 1922
Sept. 20, 1922—LOT 26 Indian Glen, Oakland. Florence Colby Battron to Don Pearson, Sept. 18, 1922
Sept. 20, 1922—SE SIXTY-FIRST AV 160 SW Drann SW 40xSE 110, Oakland. Lewis Graham to whom it may concern. Sept. 16, 1922
Sept. 26, 1922—TEN LOTS 248 AND 249 Map 1th Avenue Terrace Extn, Oakland. Roy Levin Burgk to whom it may concern. Sept. 19, 1922
Sept. 21, 1922—NO. 2310 CARLTON, Berkeley. James W. Brazier, to whom it may concern. Sept. 13, 1922
Sept. 21, 1922—NW HAAS AVE 600 N E-14th, San Leandro. Wm T. Frost to whom it may concern. Sept. 15, 1922
Sept. 21, 1922—LOT 110 and 1/2 Lot 111 Blk 16 Map Havenscourt Tract, Oakland. George F. Peterson to R. O. McElhenny, Sept. 18, 1922

Sept. 21, 1922—SW 100 LOTS 12 and 13 Blk 774 May Levy, Lane and Sather Tracts, Oakland. Calvin E. Wright to Marshall & Burks, Sept. 21, 1922
Sept. 21, 1922—W 90 LOT 22 BLK 16 Map Boulevard Park, Oakland. H. A. Aronson and J. T. Nitter to Jos. Filthner, Sept. 19, 1922
Sept. 21, 1922—LOT 27 BLK 9, Map Thousand Oaks, Berkeley. Helen E. Van Inwagen to H. S. Butter, Sept. 14, 1922
Sept. 21, 1922—LOT 28 BLK 2, Amended Map Thousand Oaks Tract, Berkeley. S. S. Stahl by F. E. Marquis to whom it may concern. Sept. 19, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
Sept. 16, 1922—NW NINETEENTH & Jackson W 350.50 NE 384.39 E 83.31 SE 51.11 SE 40.33 SE 15.47 SE 49.32 SE 49.60 SE 55.67 SE 51.78 SW 147.40 Oakland. Parrott & Co vs P. A. Palmer, Palmer & Peterson, J. P. Stevenson and Robert Dalziel, Sept. 16, 1922—LOT 1 BLK 4, Map Berkeley Pkty Maps 1 and 2 Blak Tract, Berkeley. Thomas G. Crosby vs E. M. Norton and J. E. Jones, \$80 Sept. 18, 1922—NW NINETEENTH & Harrison NW 165 NE 267.62 SE 19.32 SE 49.60 SE 55.67 SE 51.78 SW 147.41, Oakland. Sunset Lumber Co vs P. A. Palmer and S. W. Straus & Co, \$28,665.19 Sept. 19, 1922—E SIXTIETH AVE 150.90 N Foot-hill Blvd N 40x E 110, Oakland. Guy O. Clark, \$64; H. E. Arnold, \$425 vs H. M. Hicks and Wm. H. and Doris I. Ballentine, Sept. 19, 1922—N MONTANA 175 E Champion E 50xN 150, Oakland. Guy O. Clark, \$98; H. E. Arnold, \$100 vs H. M. Hicks & Sophia Trauerer Sept. 21, 1922—LOT 17 BLK 11, Map Oakridge Claremont, Berkeley. M. Friedman & Co vs R. Morris and Percy R. Morris and R. L. Jones, \$77.62 Sept. 21, 1922—SE STOKES AVE 670 SW E-14th SW 40 SE 151.32 NE 40 NW 151.24, San Leandro. W. H. Little vs Darling, Harding & Co and Omer F. Darling, \$450 Sept. 21, 1922—LOT 35 and N 10 Lot 36 Blk 73 Map Resbvdn Elk 73, Northern Addition, Oakland. California Door Co vs J. P. Silva and M. J. Furtado, \$278.50 Sept. 21, 1922—LOTS 22 AND 24 BLK "B" Map Broadway Terrace, Okd. Cadwallader-Gibson Co vs Arthur Steele, \$190	

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded	Amount
Sept. 18, 1922—E WILLOW 100 N 9th N 49-4x E 60, Oakland. O. S. Prince to D. C. Richardson et al., \$55.50 Sept. 19, 1922—LOT 45 Arnold Blvd Tract, Oakland. John Bernhardy to Theodore and Hans Rasmussen, \$1790.24	

Notice of Non-Responsibility

ALAMEDA COUNTY

Sept. 18, 1922—LOT 159 Map Re-subdivision O. Meek Est. Orchards Eden Tp. H. W. Meek Estate Inc as to improvements on property.
Sept. 18, 1922—LOT 68 Map Resbvdn Elks A and B Meek Est. Orchards, Eden Tp. H. W. Meek Estate Inc as to improvements on property.
Sept. 20, 1922—PTN BLK 15 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property

Sept. 20, 1922—NE 15 LOT 44, all Lot 45 Blk 18 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.
Sept. 20, 1922—NE 7 1/2 LOT 36 all Lots 37 and 38 Blk 19 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.
Sept. 20, 1922—LOTS 1 to 28 incln Blk 172, Kellersbergers Map of Oakland. C. H. King Estate Co as to improvements on property.

RECESSION OF BUILDING CONTRACT

ALAMEDA COUNTY

Sept. 18, 1922—LOT 9 BLK F, Lakeshore Hills, Oakland. Eva Nelson, owner with F. J. Westlund, contractor. Contract made and filed August 24, 1922.

BUILDING CONTRACTS

FRESNO COUNTY

\$5000 and Over Reported

DWELLING and garage, \$5500; No 316 Olive Ave., Fresno; owner, Edw. Schary, Mason Bldg., Fresno; contractor, Harry A. Schary.
DWELLING, \$5500; No. 828 Yale St., Fresno; owner, Louis C. Levy, Mason Bldg., Fresno; contractor, Harry A. Schary.
DWELLING, \$5500; No. 1361 College Ave., Fresno; owner, C. L. Saylor 810 Peralta Ave., Fresno.
WAREHOUSE, \$6000; Railroad St., bet. 14th and 15th Sts., Fresno; owner, R. E. Harris, 743 Vassar St., Fresno; contractor, A. Allen, 259 Blackstone Ave., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Accented
Sept. 14, 1922—LOT 7 BLK 18, Hazelwood, Mameog Monogian and K. Yeghonian to whom it may concern. Sept. 14, 1922 Sept. 15, 1922—LOT 1, Hillcrest Add'n Fresno. L. A. Montandon to whom it may concern. Sept. 14, 1922 Sept. 19, 1922—LOTS 10, 11 and 12 Blk. 17, Blackstone Villa, Fresno. Paul J. Thiele to whom it may concern. Aug. 25, 1922 Sept. 20, 1922—E 37 1/2 FT. LOT 3 Blk 8, Hazelnut add. J. C. Morris to whom it may concern. Sept. 14, 1922	

LIENS FILED

FRESNO COUNTY.

Recorded	Amount
Sept. 12, 1922—LOT 187 W 1/2 LOT 188, Fresno. Anderson Planning Mill vs H. Busch, \$173 Sept. 13, 1922—LOTS 8 AND 9 BLK 5, Higgs Addition, Fresno. Fresno Planning Mill vs A. McAlpine, \$991 Sept. 19, 1922—E 1/2 LOT 21, Normal Villa Tract, Fresno. Rount Lumber Co vs A. T. Holman, \$681 Sept. 19, 1922—LOTS 8 AND 9 BLK 5, Higgs Add'n, Fresno. Barrett Hicks Co. \$251; Fresno Lumber Co. \$934 vs E. A. McAlpine, \$1922	

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

\$2,500 and Over Reported

CHURCH, brick, \$25,500. S-San Joaquin St., Stockton; owner, Clay St. M. E. Church, San Joaquin and Clay Sts., Stockton; architect, Wright & Satterlee, Bank of Italy Bldg., Stockton; contractor, Robert Powell, Sacramento & Lindsay Sts., Stockton.

BUILDING CONTRACTS

SANTA CLARA COUNTY

\$1,000 and Over Reported

BOILER BLDG.

SAN JOSE GAS PLANT, San Jose. All sheet metal work for boiler building.

Owner—Pacific Gas & Electric Co., 245 Sutter St., San Francisco.

Architect—None.

Contractor—W. Heidt Corrine Works, 152-160 Post St., San Francisco.

Filed Sept. 8, '22. Dated Aug. 25, '22. Upon completion 75% Usual 35 days 25% TOTAL COST, \$1564

Bond, \$785. Sureties, Globe Indemnity Co. Limit, 30 calendar days from Aug. 25, 1922. Forfeit, none. Plans and specifications filed.

DWELLING

W McLAUGHLIN AVE, in 15 acres of the Wm. Quinn Ranch in the Rancho Yerba Bueno. All work for one-story dwelling.

Owner—D. G. and Lenora Quinn, San Jose.

Architect—A. J. Nielsen, 156 S-20th St., San Jose.

Contractor—A. J. Nielsen, 156 S-20th St., San Jose.

Filed Sept. 13, '22. Dated Sept. 6, '22.

All studdings in place \$1030

Roof, electric wiring, lathing completed 1650

Building completed 1030

Usual 35 days 1030 TOTAL COST, \$4120

Bond, limit, forfeit, none. Plans and specifications, filed.

DWELLING

E WASHINGTON 194 N of N line of Market St. Lot 47x151 being part Blk 4 S R 1 E of Town of Santa Clara. All work for one-story dwelling.

Owner—Martin J. Schiele, 851 Jackson St., Santa Clara.

Architect—None.

Contractor—B. J. Smith and R. E. Ford 33 Schiele Ave., San Jose.

Filed Sept. 14, '22. Dated Sept. 1, '22.

Frame completed \$900

1st coat plaster on 900

On completion & fling notice 1800 TOTAL COST, \$3600

Bond, \$1800. Sureties, Wm. Reinhold and Frank M. Santata. Limit, forfeit, none. Plans and specifications filed.

DWELLING

NORTH CENTRAL one acre of Lot 4, Roberts Subdiv of Rancho de la Rinconada de Los Gatos, about 2 miles northerly of Los Gatos on Los Gatos and San Jose highway. All work for buildings and septic sewage disposal system, two-story frame dwelling and one-story garage.

Owner—Olive W. Knowles, Santa Clara County.

Architect—Binder & Curtis, 255½ S-First St., San Jose.

Contractor—R. L. Jorgensen, Santa Clara County.

Filed Sept. 16, '22. Dated Sept. 16, '22

As work progresses 75%

Usual 35 days 25% TOTAL COST, \$12,239

Bond, \$6119.50. Sureties, P. F. Jorgensen and H. J. Pascoe. Limit, forfeit, none. Plans and specifications filed.

DWELLING

LOT 3 BLK 12, Hanchett Residence Park, San Jose. All work except plumbing, plumbing supplies, mirrors, glass doors in buffet and painting for one-story shingle roof frame dwelling and garage.

Owner—Morris Atlas.

Architect—Wolfe & Higgins, San Jose.

Contractor—C. Rainsussen.

Filed Sept. 16, '22. Dated Sept. 14, '22.

Frame completed \$1670

1st coat plaster on inside and out 1670

Completed and notice recorded 1670

Usual 35 days 1670 TOTAL COST, \$6680

Bond, \$3240. Sureties, E. W. and A. L. Schnabel. Limit, forfeit, none. Plans and specifications filed.

BOILER BLDG.

SE MONTGOMERY AND SAN AUGUSTINE Sts., San Jose. Fabricate, deliver and erect all necessary structural steel for boiler building.

Owner—Pacific Gas & Electric Co., San Jose.

Architect—None.

Contractor—Brode Iron Works, 37 Hawthorne St., San Francisco.

Filed Sept. 13, '22. Dated Aug. 21, '22

Complete delivery of material 50%

Completion of all work 25%

Usual 35 days 25% TOTAL COST, \$2957

Bond, \$1480. Surety, Union Indemnity Co. Limit, forfeit, none. Plans and specifications filed.

MORGAN HILL, Cal. All work necessary (excepting window shades, blackboards, electrical work and fixtures, plumbing and heating system) in the construction of school.

Owner—Board of Trustees Morgan Hill Grammar School District, Morgan Hill, Cal.

Architect—W. H. Weeks, 369 Pine St., San Francisco.

Contractor—John D. Carlson, Turlock, California.

Filed Sept. 20, 1922. Dated Sept. 13, 1922.

As work progresses 75%

Usual 35 days 25% TOTAL COST, \$34,821

Bonds, two; Sureties, Fidelity and Casualty Co. of New York; Forfeit, \$17,410.50 each; Limit, none; plans and specifications filed.

INSTALLATION OF HEATING SYSTEM on above.

Contractor—Scott Co., 381 11th St., Okla. Payments same as above.

TOTAL COST, \$1450

Bonds, 2; Sureties, New Amsterdam Casualty Co.; Forfeit, \$2095 each; Limit none; Plans and specifications filed.

COMPOSITION BLACKBOARDS installed complete on above.

Contractor—Rucker-Fuller Desk Co., 677 Mission St., S. F.

Payments same as above.

TOTAL COST, \$606

Bonds, none; Sureties, none; Forfeit, none; Limit, none; plans and specifications filed.

INSTALLATION OF ALL PLUMBING work and fixtures complete on above.

Contractor—Wm. Radtke, Gilroy, Cal. Payments same as above.

TOTAL COST, \$2600

Bond, none; Sureties, none; Forfeit, none; Limit, none; plans and specifications filed.

RESIDENCE, \$6000; N-Pilgrim St., Stockton, owner, P. Baicalupai.

COTTAGE, six-room, \$3250; Nineteenth St. near Washington, San Jose.

owner, Walter Hall, 254 N-13th St., San Jose; contractor, Hector D. Smet, 333 N-13th St., San Jose.

COTTAGE, five-room, \$2750; Washington St. near Fifth, San Jose; owner, C. P. Bailey & Sons Co.; contractor, Wm. H. O'Neil, 500 N-15th St., San Jose.

COTTAGE, five-room, \$3900; San Carlos near Spencer St., San Jose; owner, W. H. Mitchell; contractor, Wm. Regal, 428 Atlanta St., San Jose.

COTTAGE, four-room, \$3800; Hollywood St. near First St., San Jose; owner, Wm. Curtis, 96 S-17th St.,

San Jose; contractor, Hastings Bros., Bank of San Jose Bldg., S. J.

COTTAGE, five-room, \$1500; Prevost St. near Auzerais, San Jose; owner, Jos. Bendetti.

COTTAGE, 4-room, \$4250; Fourteenth St., near William, San Jose; owner, Mrs. G. Steele, 76 Hensley St., San Jose; architect, C. S. McKenzie, Bank of San Jose Bldg., San Jose;

contractor, J. A. Forward.

SOCIAL HALL, one-story, \$7000; River and San Fernando Sts., San Jose; owner, Church of Holy Family; architect, C. S. McKenzie, Bank of San Jose Bldg., San Jose;

Contractor, Felix Savio, 44 N-River St., San Jose.

COTTAGE, six-room, \$8000; 16th and William Sts., San Jose; owner, Dr. F. A. Crowell, 416 N-14th St., San Jose; contractor, H. A. Bridges, 725 S-7th St., San Jose.

COTTAGE, \$4700; Hawthorne St. near First, San Jose; owner, Mrs. A. Pfeiffer; contractor, Clyde Alexander, 127 Viola St., San Jose.

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COTTAGE, \$4700; Hawthorne St. near First, San Jose; owner, Mrs. A. Pfeiffer; contractor, Clyde Alexander, 127 Viola St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY.

Recorded
Sept. 12, 1922—LOT 11 BLK L Lendrum Tract, San Jose. Verne Bryan to Thos. J. Leland. H. Sept. 12, 1922
Sept. 12, 1922—SW EUSH AND SAN Fernando, San Jose. Western Pacific Railroad Co to W R Lomax Sept. 5, 1922
Sept. 13, 1922—SE FIFTH AND Dowdy, Gilroy. Oliver K Baxter to whom it may concern. Aug. 30, 1922
Sept. 13, 1922—SE MONTGOMERY AND Ethical Sts., Morgan Hill. Morgan Hill Farmers Union to John Gales Sept. 13, 1922
Sept. 15, 1922—NO. 843 WILLOW ST., San Jose. William Coles to Kingdom & Younger. Sept. 10, 1922
Sept. 15, 1922—LOTS 21 AND 22 BLK 4, Hanchett Residence Park, San Jose. E V Fuchs to Henry A Bridges. Sept. 15, 1922
Sept. 16, 1922—LOT 14 and SW 45 Lot 15 BLK 10, Hanchett Residence Pk San Jose. Dr. W H Lawrence to whom it may concern. Sept. 14, 1922
Sept. 16, 1922—SE CALIFORNIA AND Settle Aves., San Jose. Robert J Walker to whom it may concern. Sept. 16, 1922
Sept. 18, 1922—NO. 843 WILLOW ST., San Jose. C Lewis to whom it may concern. Sept. 15, 1922
Sept. 18, 1922—BEG 120 FT. E from NE Cor. Race and San Carlos Sts th E 40 N 126 W 40 S 126. San Jose. W H Norman to whom it may concern. Sept. 16, 1922

LIENS FILED

SANTA CLARA COUNTY

Recorded
Sept. 15, 1922—LOT 23 BLK 23, Glen Ridge Terrace. Los Gatos. C E Roberts vs Anna May Foster and C E Bacon \$83.50
Sept. 16, 1922—LATS A, B, C, D, E and F Blk 6, residvn of subdiv No. 1, Town of Monte Vista. Henry Cowell Lime & Cement Co a ctn vs Monte Vista Packing Co. \$1551.67
Sept. 16, 1922—LOTS 3 AND 16 BLK 8, Hanchett Residence Park, San Jose. Hubbard & Carmichael Bros vs Antonio Parsl \$2876.14
Sept. 16, 1922—LOTS A, B, C, D, E and F Blk 6, residvn of Sub 1, Monte Vista and 452 acres being part E ½ of NE ¼ of SW ¼ of Sec 14 T 7 S R 2 W. San Jose. Robert H Borchers vs Monte Vista Packing Company \$484.21
Sept. 16, 1922—LOTS A, B, C, D, E and F Blk 6, Residvn of Sub 1 of Monte Vista and 4.93 acres being part E ½ of NE ¼ of SW ¼ of Sec.

14 Two 7 S R 2 W, San Jose, Z O Field & Son vs Monte Vista Packing Co\$346.83
Sept. 18, 1922—LOTS A, B, C, D, E and F Blk 6, Reshdv of Sub No. 1, of Monte Vista. W J Porter vs Monte Vista Packing Co\$862.25
Sept. 19, 1922—4.92 ACRES being part of E 1/2 of NE 1/4 of SE 1/4 of Sec. 14 T 7 R 2 W. Crane Co vs Monte Vista Packing Co\$791.29

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2,500 and Over Reported

DWELLING, one-story 6-room and garage, \$6250; No. 932 Forty-second St., Sacramento; owner, Anna E. Williams, 4446 San Rento St., Sacramento.
DWELLING, one-story 5-room and garage, \$6000; No. 1373 40th St., Sacramento; owner, Mr. and Mrs. A. Stetson; owner, Mr. and Mrs. A. Diepenbrock, Thayer Apts., Sacramento; contractor, E. G. Johnson, 1118 P St., Sacramento.
BRICK STORE and apartments, \$40,000; 17th and J Sts., Sacramento; owner, John Kost, 1630 J St., Sacramento.
BUILDING, \$8000; No. 1350 42nd St., Sacramento; owner, S. H. McManaway, 1014 F St., Sacramento; contractor, G. E. Harvie, 2212 T St., Sacramento.
DWELLING, one-story 5-room, \$3250; No. 3332 M St., Sacramento; owner, Ralph Muddox, 3315 M St., Sacramento; contractor, Jos. Edenhofner, 3300 2nd Ave., Sacramento.
DWELLING, one-story 5-room and garage, \$3400; No. 1500 U St., Sacramento; owner, Morris Karhman, 214 K St., Sacramento; contractor, Jos. Edenhofner, 3300 2nd Ave., Sacramento.
DWELLING, one-story; 5-room, \$4500; 2912 G St., Sacramento; owner, Frank W. Book, 2900 G St., Sacramento; contractor, E. W. Book, 2911 H St., Sacramento.
DWELLING, one-story 7-room, \$5000; No. 2400 Fifth Ave., Sacramento; owner, Gracomi Frasers, 115 I St., Sacramento; contractor, Peter Leonl, 1415 P St., Sacramento.
RESIDENCE, \$—; N-Sacramento St., Sacramento; owner, H. W. Robertson; contractor, Herbert R. Stolz, 8th Ave and El Camino St., Sacramento; recorded Sept. 16, 1922.
DWELLING, one-story 5-room, \$3000; No. 2811 T St., Sacramento; owner, Robt. Powell Co., 1309 Sixth St., Sacramento.
DWELLING, one-story 5-room and garage, \$5000; No. 1039 42nd St., Sacramento; owner, F. McAllister, 1215 L St., Sacramento; contractor, W. E. Truesdale, 2116 H St., Sacramento.
DWELLING, one-story 5-room and garage, \$5000; No. 1038 42nd St., Sacramento; owner, Edwin Aldrich, 508 K St., Sacramento; contractor, E. D. Brier, 813 J St., Sacramento.
DWELLING, one-story 5-room and garage, \$3200; No. 916 38th St., Sacramento; owner, Sacramento Bldg. Invt. Corp.; contractor, Warren & Beete, 2009 1/2 F St., Sacramento.
BUSINESS BLDG., one-story, \$5300; No. 3000 O St., Sacramento; owner, Rotas Bros., 3000 O St., Sacramento; contractor, E. D. Brier, 813 J St., Sacramento.
DWELLING, one-story 5-room and garage, \$6000; No. 1123 42nd St., Sacramento; owner, A. D. Ryan, 609 P St., Sacramento; contractor, W. E. Truesdale, 2116 H St., Sacramento.
WAREHOUSE, one-story, \$15,000; No. 1801 Seventh St., Sacramento; owner, F. F. Smith Co., Inc., 1006 J St., Sacramento; contractor, A. W.

Norris, 204 Peoples Bank Bldg., Sacramento.

DWELLING, two-story 6-room and garage, \$3825; No. 3717 Miller Way, Sacramento; owner, Addie Trute & Etta Norton, 817 J St., Sacramento; contractor, B. H. Hill, 3752 Marshall Way, Sacramento.

DWELLING, one-story 5-room and garage, \$3200; No. 416 31st St., Sacramento; owner, Nora Haroux, 922 14th St., Sacramento; contractor, Thos. H. Huett, 2926 S St., Sacramento.

DWELLING, one-story 4-room and garage, \$3600; No. 911 39th St., Sacramento; owner, Joe Newman, 2121 D St., Sacramento; contractor, Carl Koch, 3418 L St., Sacramento.

HOSPITAL, five-story reinforced concrete, \$116,330, 25th and L Sts., Sacramento; owner, Sutter Hospital Assn.; architect, F. H. Meyer & A. Johnson, 742 Market St., San Francisco; contractor, Geo. Wagner, 251 Kearny St., San Francisco; Recorded Sept. 16, 1922.

ALTER and repairs to flat building, \$4500; 1700 V St., Sacramento, owner, Gomes & Calumundo, 1700 V St., Sacramento; contractor, McValine, 1731 K St., Sacramento.

DWELLING, one-story 5-room, \$4100; No. 2109 24th St., Sacramento; owner, R. A. Harvie, 2017 N St., Sacramento; contractor, Budsall & Jones, 1503 1/2 F St., Sacramento.

DWELLING, one-story 5-room, \$2800; No. 2713 V St., Sacramento; owner, W. E. Phillips 1512 38th St., Sacramento.

DWELLING, one-story 5-room and garage, \$3800; No. 2406 G St., Sacramento; owner, H. M. Earle, 1036 Dolores Way, Sacramento.

DWELLING, one-story 6-room and garage, \$3200; No. 3200 L St., Sacramento; owner, W. Feg, 1219 32nd St., Sacramento; contractor, M. A. Fratis, 1728 S St., Sacramento.

FLATS, two-story 5-room and garage, \$8000; No. 3448 J St., Sacramento, owner, W. C. Harr, 3447 J St., Sacramento, contractor, W. L. Chatterton, 1632 42nd St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Sept. 18, 1922—SW FIRST & T STS.
Pacific Gas & Elec. Co. to whom it may concernSept. 8, 1922
Sept. 19, 1922—BLK 13, Woodlake
Herbert R. Stolz to whom it may concernSept. 16, 1922

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Sept. 16, 1922—LOT 69 Crescent Park Addition, Sacramento, E S Carpenter (Western Lumber Co) vs Horace G Winters\$231.43

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE

LOTS 2 AND 2 SUB. NO. 2, Hillsboro Heights, Hillsborough. All work for one-story and basement residence and garage.

Owner—May C. Hyman by W. G. Hyman, 351 Peach St., San Francisco. Architect—Sam Lightner Hyman, 424 Foxcroft Bldg., San Francisco.

Contractor—Cavanaugh Bros. by Thos. A. Cavanaugh, 186 Jessie St., San Francisco, and Burlingame.

Filed Sept. 11, '22. Dated Sept. 5, '22.
Compensation\$1571
TOTAL COST, not to exceed \$19,414
Bond, none. Limit, 95 working days.
Forfeit, none. Plans and specifications filed.

DWELLING

LOT K BLK 3 NO. 2 BURLINGAME Land Co., Burlingame. All work for 2-story dwelling.

Owner—Jos. C. Board, 400 Primrose Ave., Burlingame.

Contractor—Clarence E. Fowler, 829 Edgehill Ave., Burlingame.

Filed Sept. 16, 1922. Dated Aug. 15, 1922.
Framed\$2190
Brown coated2190
Completed2150
Usual 35 days2190

TOTAL COST, \$8760
Bond, none; Sureties, none; Forfeit, none; Limit, on or before Dec. 16, 1922; Plans and specifications filed.

Substitute for contract recorded Aug. 15, 1922.

BUILDING

LOT 289 SAN MATEO PARK, SAN MATEO. All work for building.

Owner—J. H. Howard Jr., 1137 Cabrillo Burlingame.

Contractor—Chas. Pederson, 118 10th St San Mateo.

Filed Sept. 16, 1922. Dated Aug. 22, 1922.
Framed\$1300
Plastered1300
Completed1300
Usual 35 days1300

TOTAL COST, \$5200
Bond, none; Sureties, none; Forfeit, none; Limit, 75 working days; No plans or specifications filed.

CONCRETE WORK

PART LOTS 7 AND 8 BLK 4 Range "A" Town of Mezesville, Redwood City Concrete work for one-story office building.

Owner—California Pacific Realty Co. Architect—G. Albert Lansburgh, 140 Montgomery St., San Francisco.

Contractor—Vincenzo Fassio, 85 Ramona St., San Francisco.

Filed Sept. 15, '22. Dated Sept. 13, '22.
Monthly payments of75%
36 days after 25%.....

TOTAL COST, \$8486
Bond, none. Limit, 15 days. Forfeit, none. Plans and specifications filed.

STORE BLDG.

SW HIGHLAND AVE 154.985 NW from NW Howard Ave., Burlingame. All work for one-story reinforced concrete store building.

Owner—J. P. Britt, San Mateo. Architect—Kuhn & Edwards, 833 Market St., San Francisco.

Contractor—Barrett & Hilt, 918 Harrison St., San Francisco.

Filed Sept. 19, '22. Dated Sept. 1, '22.
Concrete poured\$5856
Brown coated5856
Completed5856
Usual 35 days3857

TOTAL COST, \$23,425
Bond, none. Limit, 100 working days. Forfeit, \$15. Plans and specifications filed.

EUNGALOW

LOT 7-A and NE 30 ft. Lot 7-B 191K 18, San Carlos. All work for bungalow Owner—Fred H. Drake, San Carlos. Architect—None.

Contractor—Ben Zimmerman, 723 Arguello St., Redwood City.
Filed Sept. 20, 22. Dated Aug. 22, 22.
Roof up \$1085
Plastered 1085
Completed 1085
Usual 35 days 1094

TOTAL COST, \$4348
Bond, limit, forfeit, none. Plans and specifications filed.

COTTAGE

LOT 9 BLK 20, San Carlos. All work for five-room cottage.
Owner—Mer-antile Trust Co., 464 California St., San Francisco.
Architect—None.

Contractor—Ben Zimmerman, 723 Arguello St., Redwood City.
Filed Sept. 20, 22. Dated Aug. 22, 22.
Roofed \$1150
Plastered 1105
Completed 1105
Usual 35 days 1105

TOTAL COST, \$4420
Bond, limit, forfeit, none. Plans and specifications filed.

BUNGALOW

LOT 8 BLK 41, Lyon & Hoag Sub, Burlingame. All work for five-room bungalow.
Owner—Manuel A. Zuraz, 119 Clarendon St., San Mateo.

Architect—None.
Contractor—L. C. Rossi, San Francisco.
Filed Sept. 20, 22. Dated Sept. 18, 22.
Sheathed \$862.50
Brown coated 862.50
Completed 862.50
Usual 35 days 862.50

TOTAL COST, \$345.00
Bond, none. Limit, 90 working days.
Forfeit, plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY.

Recorded Accepted
Sept. 14, 1922—S W COR BROADWAY and Vancouver Aves., Burlingame. Burlingame School District to W. O. Nicolaides Sept. 7, 1922
Sept. 12, 1922—LOTS 10 AND 11 BLK 4, San Mateo. Peter N. Lange to Louis N. Follard Sept. 2, 1922
Sept. 12, 1922—LOT 14 BLK 6, Easton Addition No. 1, Burlingame. B. J. Norbery and G. R. Gadd to whom it may concern Sept. 11, 1922
Sept. 13, 1922—LOT 5 BLK 3, East San Mateo, San Mateo. Frank J. and Anna G. Ferreira to whom it may concern Sept. 2, 1922
Sept. 13, 1922—LOT 26 BLK 18, Easton Addition No. 2, Burlingame. H. J. Hughes to whom it may concern Sept. 13, 1922
Sept. 12, 1922—LOT 22, Burlingame Heights, Burlingame. Victor Earl and Myrtle Bari to whom it may concern Aug. 28, 1922
Sept. 15, 1922—LOT 6 BLK 5 EAST San Mateo. Wm. Coosby to whom it may concern Sept. 16, 1922
Sept. 16, 1922—LOT 26 BLK 3 SUB No. 4 Burlingame. Ernest Wenk to whom it may concern Sept. 14, 1922
Sept. 16, 1922—LOT 25 BLK 3 SUB No. 4 Burlingame. Ernest Wenk to C. H. Bessett Bldg. Co. Sept. 14, 1922
Sept. 13, 1922—LOT 10 LLK 17, Town of Burlingame. Emily Harrie to John C. Lindsay Sept. 15, 1922
Sept. 20, 1922—LOT 24, San Mateo. Mercantile Trust Co. to Ben C. Zimmerman Sept. 8, 1922
Sept. 20, 1922—PTN LOT 2 BLK 3, Burlingame Terrace, Burlingame. W. H. Upham to whom it may concern Sept. 18, 1922
Sept. 20, 1922—PTN LOTS O AND P BLK 4, Burlingame Terrace, Bur-

lingame. F. W. Neher to whom it may concern Sept. 18, 1922
Sept. 21, 1922—LOT 17 BLOCK 43 Easton Add. No. 3 Burlingame, Cal. Lazar Aydukovich to whom it may concern Sept. 21, 1922

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Sept. 16, 1922—LOT 56 BLK 7 STAN- E. Sively to Linda Gregory Briston and E. R. Briston \$749.55
ford Park No. 2 near Menlo Park. Robert Bunce, W. J. Brle and W.

OFFICIAL PROPOSALS

(Continued from Page 16)

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on October 2, 1922, which time they will be publicly opened and read, for construction in accordance with the specifications thereto for the Division Highway as follows: Amador County, between Ione and Jackson (111-Ama-34-B), about ten and seven-tenths (10.7) miles in length, to be surfaced with gravel. Merced County, between Atwater and Livingston (Vf-Mer-4-C and D), about nine-tenths (0.9) mile in length, to be surfaced with asphalt concrete.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

Plans will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, and full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.
NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission.
AUSTIN B. ELLIOTT,
State Highway Engineer.
R. A. MURRAY, Secretary.
Dated Sept. 11, 1922.

BIDS WANTED FOR SCHOOL

NOTICE TO CONTRACTORS

(One-story Frame and Stucco Six-room and Auditorium School) Estimated Cost, \$49,000)

Notice is hereby given that sealed proposals are invited and will be opened by the Board of Trustees of the Saratoga School District of Santa Clara County, California, at 2:30 P. M. on the 30th day of September, 1922, at the present school building of said school district, in the county of Santa Clara, California, for the erection and completion of a school building for the above named district, in accordance with the plans and specifications made for the same by Wyckoff & White, the authorized architects employed by the Board. Proposals will be received on a general contract, including everything

shown and specified with the exception of plumbing and steam heating, with alternate propositions. Bids will also be received separately on plumbing and steam heating.

Plans and specifications can be seen at the office of the Architects, Wyckoff & White, Growers Bank Building, San Jose, Calif.

A deposit of Twenty (\$20.00) Dollars cash will be required on plans loaned out, and a guarantee of good faith. All proposals to be made out on blank forms, furnished by the architects, and must be accompanied by a check for not less than five per centum (5%) of the amount of the bid, made payable to S. P. Patterson, Clerk of the Board, and certified to by some responsible banking house. The check is to be forfeited in the event that the successful bidder, after having been awarded the contract, fails within ten (10) days to sign the contract and furnish good and sufficient bonds satisfactory to the Trustees, and as required by law.

Bids will be received up to and including September 30, 1922, at 2:30 P. M., and must be addressed to S. P. Patterson, Clerk of the Board of School Trustees, of Saratoga School District, Saratoga, Calif.

The Board reserves the right to reject any and all bids.
By order of the Board of Trustees,
dated Sept. 4, 1922.

BENJAMIN V. BAZATA,
Trustee.

HARRY SMITH,
Trustee.
SHELDON P. PATTERSON,
Clerk of the Board of Trustees.

NOTICE TO CONTRACTORS

(Cole School Alterations)

Office of the Secretary of the Board of Education of the City of Oakland, 2149 Broadway, Oakland, California, the Board of Education of the City of Oakland, City Hall, Oakland, California, until the 2nd day of October, 1922, at 3:30 P. M., at which time said bids will be opened, or the remodeling of the Cole School Building of the Oakland School District, located on Union and Eleventh Streets, Oakland, California.

Bids will be received for General Work, including Carpenter Work, Sheet Metal Work, Roofing, Painting, Mastering, Plumbing and Electrical Work.

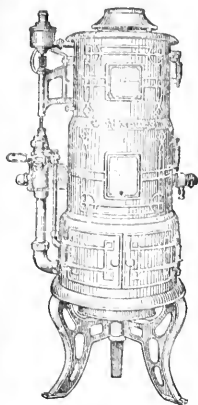
Plans and specifications for said work are on file at the office of the Architect for the Board of Education, 2149 Broadway, Oakland, California.

On a deposit of Twenty-five (\$25) Dollars said plans and specifications may be had by any prospective bidder. These plans and specifications may be retained for seven (7) days.

If the plans and specifications are not returned to the Architect within the time above specified, or are returned in a mutilated or damaged condition, the deposit will be forfeited and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Architect, and be signed by the bidder, accompanied by a certified check, certified to by some responsible bank or banker, and made payable to J. W. Edgemond, Secretary of the Board of Education. The Board reserves the right to reject any and all bids or to accept the bid deemed for the best interest of the State. Bids must be made on proposals obtained at the office of the Architect, and be signed by the bidder, accompanied by a certified check, certified to by some responsible bank or banker, and made payable to J. W. Edgemond, Secretary of the Board of Education. The Board reserves the right to reject any and all bids or to accept the bid deemed for the best interest of the State. Bids must be made on proposals obtained at the office of the Architect, and be signed by the bidder, accompanied by a certified check, certified to by some responsible bank or banker, and made payable to J. W. Edgemond, Secretary of the Board of Education. The Board reserves the right to reject any and all bids or to accept the bid deemed for the best interest of the State.

J. W. EDMOND,
Secretary of the Board of Education of Oakland, California.



A "Pittsburg" Automatic Gas Water Heater installed in the Home indicates high quality throughout.

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Contractor
221 OAK ST. San Francisco

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

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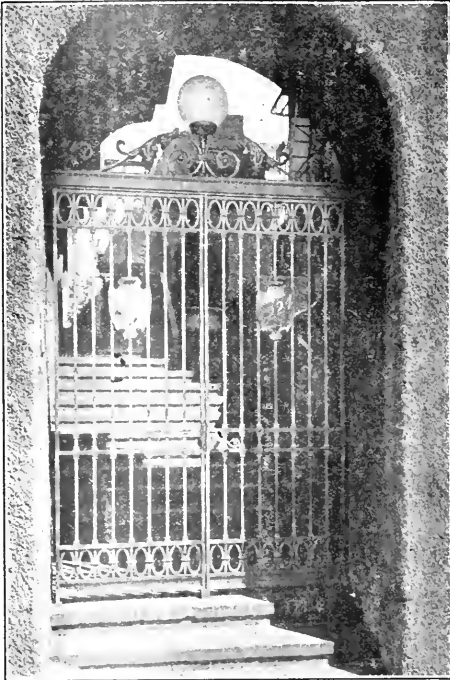
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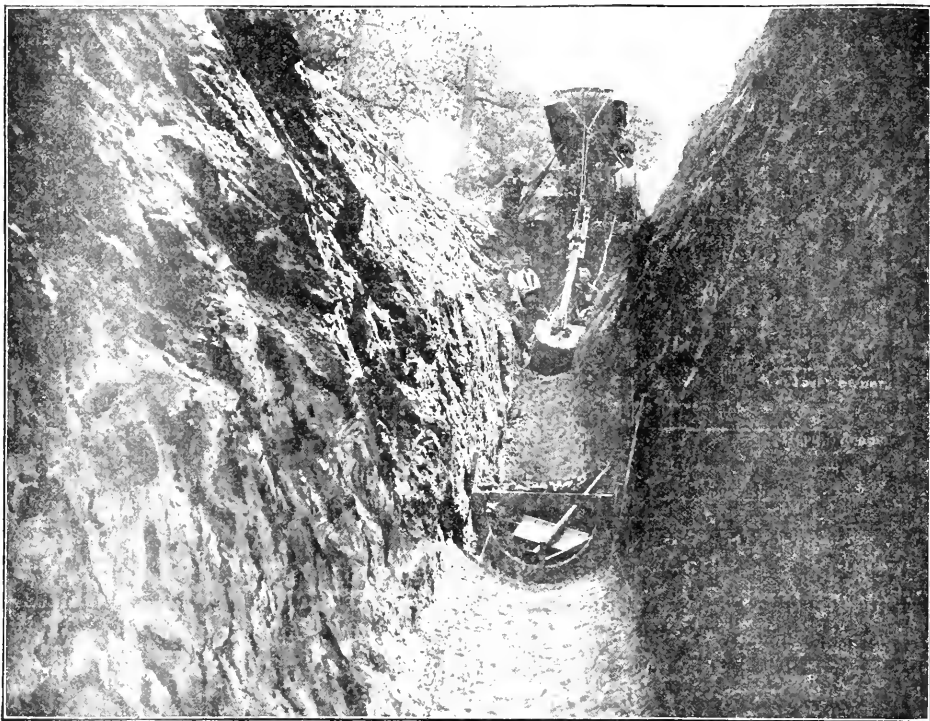
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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., SEPTEMBER 30, 1922

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CONTRACT PURCHASE OF COURT-HOUSE FURNITURE IS QUESTIONED

The legality of the proposed purchase on contract of furniture, furnishings and fixtures for the new Tehama County Court House in Red Bluff is questioned by the Attorney General's office at Sacramento. In a letter to District Attorney M. J. Cheatham, Deputy Attorney General Frank English expressed doubt on this point. The letter came in response to an inquiry from Cheatham, at the direction of the Board of Supervisors.

Under the proposed arrangement for the purchase of Court House furniture, it would be procured immediately, but the payments would be extended over a period of two years. Ten per cent would be paid on installation of the furniture and fixtures, 45 per cent at the end of the first year and 45 per cent at the end of two years. The title to the property would remain in the name of the successful bidder.

CHICAGO-LOS ANGELES BUILDING COMPARED

The Financial Chronicle of New York City prints a table comparing the valuation of building in Los Angeles and Chicago for 13 years. This shows that in 1909 the valuation of building for which permits were issued in Chicago was almost 7 times greater than that of Los Angeles. In 1921 Chicago's building was a little less than one and a half times that of Los Angeles. This table is as follows:

	Los Angeles	Chicago
1921	\$82,761,386	\$125,904,510
1920	60,023,600	76,173,150
1919	28,253,619	104,198,850
1918	8,678,862	35,121,150
1917	16,932,082	64,188,750
1916	15,935,045	12,835,156
1915	11,883,662	69,291,480
1914	17,361,925	33,651,610
1913	31,641,921	89,521,970
1912	31,367,995	88,198,500
1911	23,004,185	105,269,709
1910	21,684,100	96,932,700
1909	13,260,703	90,559,580

INTERSTATE PRACTICE LAW PROPOSED BY ENGINEERS

An arrangement between states which would permit an engineer registered in one state to practice in other states would be broached at a meeting of the council of state boards of engineering examiners to be held in Chicago October 2.

"A tentative plan will be submitted at the meeting," says C. S. Hammett of Jacksonville, Florida, president of the council, "whereby the several state boards can make the state laws operative for reciprocal registration without changing them."

The states represented in the council comprise Arizona, Colorado, Florida, Idaho, Illinois, Indiana, Iowa, Louisiana, Michigan, Minnesota, New Jersey, New York, North Carolina, Oregon, Pennsylvania, South Dakota, South Carolina, Tennessee, Virginia, West Virginia and Wyoming.

With the announcement of the meeting comes a statement from the Chicago office of the American Association of Engineers that the committee on the classification of engineering positions has issued its first report. The committee, headed by A. F. McDaniel, educational specialist in the United States war department, is preparing an occupational index of engineering positions in the United States. Its program, according to the statement, includes the sending of questionnaires to at least 50 practicing engineers in each position to be studied and criticism by members of the profession of preliminary specifications for publication.

SHORTAGE OF DRAFTSMEN REPORTED BY STATE HIGHWAY COMMISSION

A scarcity of draftsmen in Sacramento and other parts of Superior California is reported by Division Engineers of the State Highway Commission. Thomas A. Bedford, engineer in charge of the Division Office in Dunsmuir, announces he is experiencing much difficulty in securing a sufficient number of draftsmen to keep up with important office work.

The Division Office force at present is short from eight to ten draftsmen. Calls on the Civil Service Commission are bringing little result, and it has been found impossible to secure the necessary help elsewhere.

George R. Winslow, Sacramento Division Engineer, also reports a shortage of draftsmen, stating that he is in need of about eight more men at present.

Day laborers for road work in the Dunsmuir district are also scarce. On a number of occasions Bedford said he had to send to Sacramento for laborers; and then experienced trouble in securing the number of men called for.

Laborers are being paid from \$4 to \$5 per day, while the pay of draftsmen ranges from \$150 to \$225 per month according to the grade.

EXTENT OF THE CONSTRUCTION INDUSTRY

Very few men of affairs in this country appreciate the magnitude of the construction industry. Statistics on any industry of such wide ramifications may easily appear misleading. It is significant to note, however, that the 1922

building program of the nation will probably involve the expenditure of at least seven hundred million dollars. The construction of buildings in cities and towns which issue building permits will exceed twice that figure for the first six months of 1922. Farmers are the largest consumers of cement in the country, so some idea of their construction expenditures may be had. Combining these figures with the money spent on municipal and railroad improvements we arrived at totals that really are a astonishing.

With these totals in mind, it may be surprising to find so few really large concerns directly or indirectly engaged in the construction business. The steel and cement mills are notable exceptions. There are practically no manufacturers of other raw or finished construction materials, and none of construction machinery, comparable to any one of a long list in the automotive, farm implement, railroad car and locomotive or electric industries.

All this is due to certain limiting conditions that have existed in the industry. We are likely to see various combinations worked out which will permit advantage to be taken of the conditions which have made for the success of large units in other industries of less magnitude. Such consolidations will offer large opportunities for improved products, lower prices and better service to the consumer. This is the outlook for the immediate future.—Stream Shovel and Bridge.

CAR SHORTAGE DELAYS LUMBER SHIPMENTS

Declaring that "the transportation outlook is ominous," the National Lumber Manufacturers' Association announces that scarcity of cars and slowness of forwarding those which were loaded had cut lumber shipments in the week ending September 16 to "only 82 per cent of the production."

Shipments that week were only 17,000,000 feet greater than in the corresponding week of 1921, although production was 73,000,000 feet greater, the statement declared adding:

"The transportation congestion seems to have developed to critical proportions somewhat more suddenly in the South than elsewhere, and the Southern Lumber Association states that it is making heroic effort to secure more cars from the car service officials."

Southern pine shipments declined last week 3,500,000 feet, in the face of a production increase of 7,000,000 over the preceding week and with a larger volume of orders.

The West Coast Lumbermen's Association was barely able to keep shipments up to the level of the preceding week in the face of increased orders and production.

While the transportation outlook is ominous some satisfaction is derived from the fact that production is gaining on accumulated orders for the time being, thus making for a stable lumber market.

For the first time this year orders during a week have been less than for the corresponding week of 1921, the reported decrease being almost 28,000,000 feet.

Of the other hand production was 73,246,171 feet greater and shipments 28,164,577. However, the compared week of 1921 was one of abnormally large orders for that year, being 25 per cent more than the cut.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

A brief review of business conditions in the Twelfth Federal Reserve District as reported by John Perrin, chairman, shows a marked activity in industry, which, in this district is largely concerned with the primary handling of raw materials, continued during August and the first part of September. Demand has increased for both skilled and unskilled labor, particularly farm workers, experienced copper miners and skilled building trades artisans, a shortage of one or more of these classes of workmen having developed in a few sections. The lumber industry is 50% more active than it was a year ago and both domestic and foreign markets are buying in large quantities. Production of logs on September 1st was estimated to be 75% of normal compared with 40% on August 1st. Increased output of all the principal metals produced in this district, gold, silver, copper, lead and zinc is shown by figures for July which are the latest available. Further evidence of increased activity in lumbering and mining is contained in the reports of the principal electric power companies of the district. In July, 1932, electric power companies of the Pacific Northwest increased their sales to the lumber industry 20 per cent over July, 1921, and in the districts as a whole, sales to the mining industry were 18.7 per cent greater in July, 1932, than in July, 1921. The number of building permits issued during August was greater than in any month since records were first assembled in 1915 and the value of projected construction has been exceeded only twice; in April and June of this year.

Some months ago the Public Utilities Commission of Ohio ordered railways in that state to make a 25 per cent reduction in freight rates on materials used in road building. The railways protested and carried the case to the Ohio Supreme Court. That tribunal has now upheld the order issued by the Public Utilities Commission and it is understood that the railways will appeal either to the U. S. Supreme Court or the Interstate Commerce Commission. The decision of the Ohio court, however, means that present freight rates on road building materials will probably continue during the present building season and that there will not be during that period any substantial increase. Thus the conflict between the rail and road continues, in one phase or another, though not always openly admitted. With motor freighting companies using truckage built and maintained by the public while the railroads must provide and maintain their own roadbed, there is reasonable ground for railway complaint. The balancing of the two transportation forces to a point where each will serve as an aid to the other will in due time become an accomplished fact, but not until highway surfaces are brought up to the same standard of improvement as the vehicles now in use. Taxing vehicle operation to overcome incessant repairs on weak roads is false economy. With adequate road investment, there will be no complaint on the part of vehicle interests to paying their just share in highway construction and upkeep.

That the Portland cement industry has capacity sufficient to take care of a very marked increase in construction activity is evidenced by United States Geological Survey production figures for August and preceding months this year, just issued. Notwithstanding the inability of some companies to secure coal, which is a very important item in the cement manufacturing process (200 pounds of coal being required for manufacture of each 376-pound barrel of Portland cement) August was the best production month on record—11,664,000 barrels being produced. This was the fourth successive month in which production has exceeded total production since the active construction season opened. Production has exceeded 11,000,000 barrels, and that figure had never heretofore been exceeded. Total production for the year to date is 132,000,000 barrels, or 1 has been approximately 55,000,000 barrels, or at the rate of 132,000,000 barrels per year. Shipments for the year to date on record totaled slightly under 100,000,000 barrels. With shipments to August 20, this year, in excess of 76,000,000 barrels it is quite probable that shipments during 1932 will be in excess of 100,000,000, notwithstanding the fact that many companies are just getting back to normal production after operating at reduced capacity or not at all during the later weeks of the coal shortage.

More than 26,000 strikes have disturbed industrial America during the past decade, it is estimated by Industrial Digest, New York. More than 60 per cent of all the strikes of the past ten years have taken place in the States that lie north of the Ohio and east of the Mississippi; about 10 per cent of them in territory to the south of the Ohio and east of the Mississippi; and the rest in the West.

Among the cities New York heads the list, with 2196 for six years, or an average of 366 a year. Chicago follows New York, but the total for the six years is only 619, or an average of about 104 a year. In Philadelphia the total for this period was 409; Boston, 407; Cleveland, 287; St. Louis, 286; Newark, 212; Baltimore, 201; Cincinnati, 173; San Francisco, 170; Providence, 165; Detroit, 171; Seattle, 163; Pittsburgh, 159; Rochester, 155; and New Orleans, 142.

The largest number of strikes called during this period affected the building trades, more than 2700 having been called by the building trades unions. The metal trades union accounted for more than 2600; the clothing industry for more than 2000; the miners for about 1400; the textile unions for 1250; steam and electric transportation for more than 1200; and strikes called by paper manufacturing, tobacco, furniture, iron and steel workers and lumber unions were in all instances less than 500 and more than 100.

A warning to go slow on residential building in Chicago has been given by the Citizens Committee to Enforce the Landis Award in Chicago, after a study of local conditions and general conditions in the industry at this time. Construction costs of the type of building have increased from 15 to 20 per cent, according to contractors who operate under the Landis award. The committee states that the owner will save from \$750 to \$2000 if he holds off building for another six months or a year. The original shortage of single family houses in Chicago was placed at 5000. New permits show provision for living quarters for 12,533 for the year, but this includes a great number of new apartments.

(Continued on Page 7)

ALONG THE LINE



The Associated Pipe Line Co. will construct a 31,500,000 gallon crude oil reservoir at Tracy to be used for reserve purposes.

C. L. Hill is succeeded by Ben F. Dupuy as City Engineer of Glendale, Calif. Hill resigned to enter private practice. Dupuy has been city engineer at Fullerton, prior to which he was city engineer for Long Beach.

The Modesto City Planning Commission in a report to the City Council recommends a height limit of 85 ft. for buildings erected in the city limits. Recommendation is also made for residence, business and industrial zones.

Madera county supervisors will call election in November to vote bonds of \$150,000 to finance construction of a new county hospital. No architect has been selected as yet to prepare the necessary plans.

Arthur H. Dimock, former city engineer of Seattle, Wn., has opened a suite of offices in the Central Building, that city, and will engage in municipal, hydraulic, hydro-electric, water works and sanitary engineering.

A. A. Parton, Mechanical Engineer, and Los Angeles District Engineer for the Luitwieler Pump Co., died in that city September 16. Parton engaged in contracting for water works construction before assuming the management of the Luitwieler plant.

O. G. Bowen, structural engineer, has opened an office at 1301 Van Nuys Bldg., Los Angeles, and will engage in the practice of structural engineering, both steel and reinforced concrete. Bowen was formerly structural engineer in the offices of Architects Morgan, Wells & Morgan.

The Southwestern Portland Cement Co. plans to erect a cement plant near Phoenix, Ariz., to cost about \$1,250,000, according to O. J. Binford, secretary and general manager. The plant will have sufficient capacity to care for the entire Arizona field and will employ between 125 and 200 men.

The City Council of Chandler, Ariz., desires a report and estimate of cost of installing a complete sewer, water and lighting system, the total cost of which is not to exceed \$150,000. Engineering firms interested are requested to make a personal visit to Chandler as soon as possible. Communications should be addressed to City Clerk at Chandler.

Albert Givan, City Engineer of Sacramento, has been authorized by the City Council to make a trip to Mississippi river points to study wharf construction. The trip is to be made to determine the practicability of more modern wharves and to incorporate some of the most feasible ideas into plans for the wharves to be constructed by the Sacramento City Commissioners under the recent \$250,000 bond issue.

Palo Alto's Street Paving Program

Before going into the details of the municipal paving operations at Palo Alto it seems desirable to give a brief sketch of the street improvement procedure which finally lead to the installation of the municipal plant.

In May, 1916, the city received bids on some 1,300,000 square feet of 5-inch concrete pavement. The lowest regular bidder proposed to do the work at the reasonable figure of 10.65 cents per square foot for grading and paving and an award of contract was made to this bidder. It appears however that there was an irregular bid received which was slightly lower, and the contractor who submitted the proposal objected strenuously to the decision of the Council in awarding the work to the lowest regular bidder. The matter was taken into the courts and fought out on various points for over a year and a half. The courts sustained the city in all points but by the time the decision was rendered the conflict in Europe was on and prices for labor and materials had risen to such a point that it was impossible for a contractor to proceed so the work was abandoned.

In 1918, bids were received on this work but were rejected as being too high. If award had been made at this time the work would have cost the property owners some \$125,000 more than it would under the 1916 bid. This was a sore point with the city officials and they were thoroughly disgusted with the method employed by contractors to interfere with each other's bids.

The last bidding was in March, 1921, when the city advertised to lay 875,549 square feet of asphaltic and hydraulic concrete pavements. The bids received for this work were carefully reviewed by the Board of Public Works and the City Council but were finally rejected as too high and the City Engineer was ordered to report on the installation of a paving plant and to suggest a method by which the work might be financed and carried on.

Hydraulic Cement Concrete Adopted
Hydraulic cement concrete was adopted as the type of pavement to be laid because it was believed to be somewhat superior to the asphaltic types and also less costly to maintain. Moreover the asphalt paving plant is more costly to construct than a concrete mixing plant which fact further favored the selection of the concrete type of pavement.

The plan adopted for carrying on the work was by private contract between the Board of Public Works and the property owners. The front foot method of assessment was used and payment for the work was to be made in advance of the actual paving. A city the size of Palo Alto is unable to finance street work on a large scale so the payment in advance plan seemed to be the only practical solution of the problem. The district plan of assessment cannot be used successfully under this system of financing but probably will be adopted later in certain instances when the cash reserve of the city is larger than at present and can be drawn on temporarily until payments come in.

The type of paving plant adopted was what is known as the central mixing plant, consisting primarily of a rock and sand bunker, a material measuring hopper and a stationary concrete mixer. Combined with this was an electrically driven derrick and clam shell bucket for unloading material from the cars directly into the bunker com-

(By J. E. Byxbee, Jr.)
Paper Read Before the Convention of the League of California Municipalities Held at Stanford University

partments, and a cement platform and shed conveniently placed so that the labor of handling cement from the freight cars to the mixer was reduced to a minimum. This plant meets all our expectations for convenience, accurate proportioning of ingredients, and economy of operation, and for our work is far superior to the central proportioning plant or other plant layouts commonly used for concrete pavement construction.

Electrical drive relieves us of power troubles; also the plant is at all times available for turning out concrete for other municipal purposes and is used quite extensively in this way.

We used Professor D. A. Abrams table for 3000 lbs. concrete in proportioning the mixture and follow closely his recommendations regarding the water content. Each batch turned out by the mixer contains 18 cubic feet of placed concrete and consists of four sacks of cement, 0.34 cubic yards of sand, 0.51 cubic yards of rock and approximately 17 gallons of water. The sand used is known as the 1/4-inch size and the rock varies from one inch to two and one-half inches. Concrete is mixed for at least one and one-half minutes.

The concrete is dumped directly into one-ton Ford trucks equipped with gravity dump bodies of capacity to take the full 18 cubic foot batch from the mixer. These trucks are operating very satisfactorily. They are reliable and speedy and deliver the concrete from the plant to the road for approximately 23 cents per ton, which is a very low haulage cost. The distance from the plant to the work during the past year has averaged over one mile.

Laid in Two Strips

The concrete is laid in two strips in order to effect better control in finishing. By this method a strike board extending from the center of the road to the curb may be used where such a means of tamping would be impractical if an attempt were made to finish the street surface for the whole width in one operation. We have tried both methods and find that it is possible to get smoother and better concrete surface by laying the pavement in two strips.

The thickness of the pavements for the residence streets now varies from 4 1/2 inches to 5 inches. The concrete as delivered by the trucks is first spread by hand then tamped with a heavy strike board shaped to give the surface the required crown. After this operation the surface is rolled with a light hand roller, then finished with a longitudinal float.

The hand rolling is very beneficial in that it eliminates hair cracks by removing the surplus surface moisture. The longitudinal float was adopted because it was found to make a smoother riding surface than any other finishing tool. This float consists of a flat board 8 inches wide by 12 feet long provided with handles at each end at convenient height for two men to operate from bridges spanning the pavement. The float is moved backward and forward in from 6 to 12 inch strokes in a longitudinal direction and at the same time is shifted slightly transverse so that the whole surface from center to curb

is floated. The operation irons out the irregularities left by the strikeboard and roller and leaves the surface true and smooth.

No expansion joints are provided. The natural cracks which form are poured with E grade asphalt or Roadmate. The main objection to this treatment is that it disguises the appearance of the pavement, due to the irregular black lines following the cracks. A cement colored filler would eliminate this unsightliness and it is hoped that something of this nature may be developed.

The pavements are cured by the tamping method for ten days, then allowed to dry out slowly for ten days more before traffic is allowed on them. Water for sprinkling and curing is furnished from hydrants through 1 1/2-inch pipes temporarily laid along the line of work.

Revenue Figures Given

The revenue and expenditure account of the municipal paving plant for the first year's operation are as follows:

REVENUE	
Paving Plant	
Paving costs	\$117,775.83
Material sold city depts.	1,731.72
Sale of dirt, cement, etc.	786.88
Sundry paving	1,385.33
Sundries	2,446.24
	\$123,728.00
DEBITS	
Grading	
Labor and team hire	\$11,101.35
Fuel, supplies & repairs.	2,562.68
Rock for base	1,300.00
Total	\$15,364.03
Curb	
Concrete curbing & sidewalk construction - street intersections	4,451.04
Concrete Pavement (preparing mixture)	
Labor unloading cars, mix concrete & hauling to job.	7,742.12
Power, fuel, repairs, etc.	3,810.03
Sand	10,575.89
Broken stone	13,318.87
Cement	44,906.03
Total	\$80,352.94
Concrete Pavement (spreading, finishing and curing)	
Labor	7,799.12
Supplies and expense	1,191.95
Total	\$8,991.07
Wearing Surface	
Labor	264.25
Supplies and expense	87.58
Rock screenings	514.79
Asphaltic road oil	795.57
Total	\$1,662.19
Office and Accounting	
Salaries and wages	3,869.10
Supplies	32.35
Supplies and expense	1,298.27
Rents	120.00
Testing materials	333.30
	\$5,583.02
Fixed Charges	
Interest and depreciation on plant equipment (est.)	4,300.00
TOTAL DEBIT	\$120,704.29
Net Profit	\$3,021.71
received for this work on March 14, 1921, the cost for the paving done by the city during the year would have been \$184,521.89, as follows:	
Grading, 6,229.62 sq. ft. at 50c.	4,672.22
Gutters, 11,970 sq. ft. at 32c.	3,830.40
Asph. pavement, 153,000 sq. ft. at 22c.	33,660.22
Cone pavement, 434,865 sq. ft. at 27c.	117,413.55
Grading, 12,527 cu. yds. at \$1.25	16,158.75
Total	\$175,738.14
Incidental expenses 5%	8,786.75
Total cost	\$184,521.89

Actual cost to property owners for the work as done by Municipal paving plant:
 Curbing, 6,229.63 ft. at 65c. \$ 4,049.26
 Pavements, 599,836 sq. ft. at 18c. 107,970.48
 (Includes grading & paving) 109,170.15
 Incidental expenses 1,000 0.00

Total \$113,219.41
 Saving to property owners, \$ 71,302.48

For the municipal paving plant to make such a large saving, a good contract work in its first year's run, and at the same time to operate without loss, is quite remarkable and extremely gratifying to those interested in this project.

Following is a summary of the cost of labor and material:

Cement \$3.21 to \$3.56 per bbl. f. o. b. Palo Alto, less 5 cts per bbl. for cash. Credit for empty sacks 10 cts. to 15 cts. each.

Crushed gravel \$1.50 to \$1.60 per ton f. o. b. Palo Alto.

Sand and gravel weigh approximately 2800 lbs per cu. yd.

Common labor \$1.00 per day of 8 hrs. Cement workers \$4.50 to \$6 per day. Form setters \$4.50 to \$5.50 per day. Ford one-ton truck drivers \$5 a day.

CEMENT ASSOCIATION ISSUES HOME BUILDING BOOK

"Concrete Houses," a new book on the use of concrete in home construction issued by the Portland Cement Association, Chicago, has been added to the collection of instructive publications on this important subject.

This book contains twenty-five designs and plans of small homes, bungalows and two story, and contains practical information which will be of assistance to those engaged in concrete construction and others who are planning a home or contemplating the use of cement in making permanent, economical and fireproof improvements about their home.

The book will be sent postpaid for 50 cents in stamps, check or money order, by the Portland Cement Association, 785 Market Street, San Francisco.

SACRAMENTO WILL COMPLETE LAST UNIT OF FILTRATION PLANT

The Sacramento city commissioners have announced City Engineer Albert Givan to construct the syphon system of intake for the filtration plant. City Engineer Givan estimates the work can be done for \$120,000, whereas bids received on the work were approximately \$40,000 more than the estimate. The syphon system is a substitute for the original plan that provided a tunnel which would carry the water by gravity from the intake to the filtration plant proper. The tunnel work was stopped on January 1st last by order of City Manager Seavey when he claimed the Coast Construction Company was failing to keep within the \$135,000 estimate for the work. At the time the work was halted \$160,000 had been expended.

GAS PRODUCER MADE FROM CONCRETE

A reinforced concrete gas generator, a new development, has been announced in Italy and is now being used on a large scale for the production of gas in that and other countries in Europe. The body of the apparatus is bell-shaped and is made from reinforced concrete. The base is concrete as well and the producer is set into a shallow vessel, filled with water, which makes a water seal. The apparatus is explosion-proof, and works very efficiently. It is claimed that the initial cost of the apparatus is over 50 per cent less than that of the all-metallic producer. Similarly, the maintenance cost as very moderate and much less than with other types of gas generators.

"EFFICIENCY" MOVEMENT ROOMS PAINT TRADE

Manufacturers are becoming careful of the eyesight of their workers, and therefore many of them are having the interiors of their factories repainted in light colors, says The Industrial Digest, in a review of connections in the paint trade.

"A steady demand for paint is likely to result from the movement in industry toward efficiency," says the magazine. "The campaign conducted by the National Eyesight Council has resulted in impressing the need for eye protection upon manufacturers. They have become convinced that not only for humanitarian reasons but for their own profit, it is necessary to surround workers with the best light obtainable. White or light colored walls are becoming the rule in a great majority of factories today. Then, too, manufacturers are discovering that it pays to make repairs."

"The building boom, with the large percentage of residence building, has created an enormous demand for paint. And the need for refurbishing the rolling stock of the railroads has created another market which is likely to be active for some time to come."

"The increased interest in civic improvement is another powerful ally of the paint manufacturer. Throughout the country cities and towns are conducting 'clean-up' and improvement campaigns that are certain to result in a greatly increased demand for paint."

SUMMARY OF ACCEPTED BID PRICES FOR JULY

Accepted bid prices on Federal aid roads averaged for the whole United States for the month of July are given in a monthly table issued by the Bureau of Public Roads. The prices are as follows:

Common excavation 35 cents per cubic yard, unclassified excavation 63 cents per cubic yard and rock excavation \$1.25 per cubic yard.

The following prices per cubic yard are for surfacing material in place on the road: Gravel, \$1.65; sand and clay \$1.32 and crushed stone, \$2.72.

Surfacing per square yard in place on the road cost as follows: Gravel, 50 cents; bituminous macadam, \$1.63; bituminous concrete, \$2.40; plain cement concrete, \$2.09; brick, \$3.40.

Reinforcing bars 4½ cents per pound and structural steel 8 cents per pound, both in place.

There is considerable variation in the cost of the various items in the different States due to various reasons. The complete table listing the items by States may be obtained upon request from the Bureau of Public Roads.

GROWING COLORED WOOD

A method of coloring the wood of growing trees has been devised by a German engineer, who has been able to color the tree any shade while it is still growing. Various aniline dyes are used, which do not poison the tree or affect its growth in any way. The entire tree from the very ends of its roots to the top-most branch and leaf, can be colored any desirable shade within 48 hours after the solution of the dye-stuff is injected into the roots. About 50 grams of the dye are used to 200 liters of water. The sap of the tree carries the coloring matter throughout its structure. This new development opens up many possibilities of securing novel and startling affects in the novelty business, and it also makes possible the perfect imitation of certain natural woods. It is reported that certain Dutch and American interests are giving this process serious attention.

IRRIGATION MEN TO CONVENE AT MODESTO

At Modesto on October 6 and 7 there will be a meeting of the Irrigation Districts' Association of California, at which, among other important business, the association will decide upon the attitude it will take towards two measures on the November ballot, namely, the Water and Power Act, and the measure providing for placing the control of irrigation districts in the hands of the railroad commission. The latter measure includes irrigation districts along with other public and semi-public organizations.

The Irrigation Districts' Association of California includes some eighty districts of the state. The officers are S. A. Hultman of Turlock, president; Chas. F. Lambert, of Willows, vice president; W. D. Wagner, of Merced, secretary-treasurer. The executive committee includes these three and in addition C. E. Steininger, of Escalon, A. L. Cowell of Stockton, J. Stuart Ross of El Centro and F. F. Atkinson of Sacramento.

A SAD REALITY

(Reprint, By Request)

Said the Architect to the Builder,
 With a large and mournful sigh,
 "I'd like to give this job to you.
 But, Holy Gee, you're high."

"Oh, never mind," the Builder said,
 "I'll take it anyway;
 I'll just knock off ten thousand bucks
 And make the SUCKERS pay."

The SUBS came flocking 'round the job
 And pruned knives left fly.
 But all the Builder said to them
 Was "Holy Gee, you're high."

He took their hide, he picked their bones

And scamp'd each carcass dry.
 They gave the money, brains and skill
 And he got all the pie.

E. T. Thustein, Secretary of the General Contractors of San Francisco, in an effort to add to the gaiety of the "dull" season adds the following verse to the above:

"But when the pie was opened
 'Twas found just filled with crow.
 And the Builders ate the filling
 While the Owner kept the dough."

ARCHITECTS' CERTIFICATES GRANTED

At the meeting of the State Board of Architecture held on September 26th the following were granted certificates to practice architecture in this state:
 W. F. C. Gilliam, 1228 Paloma Ave. Burlingame.

Martin J. Rist, 955 Clayton St., San Francisco.

Vincent W. Jorgensen, 406 Balboa Bldg. San Francisco.

William Mooser Jr., Nevada Bank Bldg., San Francisco.

Melton V. Mowbray Jr., 4236 Foothill Blvd., Oakland.

Mr. W. E. Phillips, 1073 Monadnock Bldg., who was granted a temporary certificate to practice architecture.

COLLAR OIL BURNER OPENS OAKLAND BRANCH

The Collar Oil Burner Company has opened a salesroom and assembling plant at 226 Webster street, Oakland, and will turn out a new type of burner suitable for hot air furnaces, steam heating plants, etc. The Collar system is a wide departure from any other kind of oil burning system on the market, according to Harry Telford, assistant manager of the company, who declares it is unlike any other steam atomizing system. It uses no steam from the boiler to atomize the oil. Unlike air atomizing systems, it requires no electric motors, air compressors or mechanical devices. The Collar system burns any grade of fuel oil.

SAN FRANCISCO SUPERVISORS PASS AMENDMENTS TO BUILDING LAWS

The Supervisors have passed to print an amendment to the San Francisco Building Laws to be known as Section 107-A, and which reads as follows: "Whenever in this Ordinance, which is known as 'The Building Law' of the City and County of San Francisco, metal lath is required, there may be used in lieu thereof plaster board composed of pure gypsum, wood and Manila fiber, or of other similar materials, but not less than seventy-five per cent (75%) of such composition shall be used of non-inflammable material excepting that in Class A and B buildings the use of plaster board is prohibited in all elevator shafts and in the walls and ceilings surrounding shafts of non-inflammable materials in such buildings.

Such plaster board shall be not less than three-eighths inch ($\frac{3}{8}$ in.) in thickness, and shall be so constructed as to form a mechanical key or bond between the plaster board and the finish plaster. Such mechanical key or bond shall be equally distributed and shall compose at least twenty per cent (20%) of the surface of the plaster board.

On wood joists, furring strips, studding or other wood supports the plaster board shall be securely fastened by means of nails of such length that the said nails extend at least three-quarter inch ($\frac{3}{4}$ in.) into the joists, furring strips, studding or other supports. Such nails shall be spaced or driven not more than 6 in. ($\frac{1}{2}$ in.) apart in one direction and 18 in. ($1\frac{1}{2}$ in.) apart in the other direction. Where the furring strips, studs or other supports are of metal, the plaster board shall be secured by fasteners with galvanized iron wire of not less than No. 11 gauge or with metal clips or nails, spaced the same as in this section provided for nails. All wire nails used for fastening plaster board shall be at least No. 11 gauge with a flat head not less than three-eighths inch ($\frac{3}{8}$ in.) in diameter.

All such plaster board shall have applied thereon at least two (2) coats of hardwall plaster.

A plaster board not less than one-quarter (1/4) in. in thickness, and otherwise conforming to the provisions of this Ordinance may be used, providing, however, the board is of sufficient strength so as to be handled in lengths up to twelve (12) feet.

All such plaster boards shall have applied thereon at least two (2) coats of hardwall plaster.

Section 2. This Ordinance shall take effect immediately.

An amendment has also been passed to print to be known as Sec. 120-A, which reads as follows:

Steel joist floor and roof construction in Class "B" and "C" buildings. Former steel joist floor and roof construction shall be permitted anywhere in the city for dwellings, office buildings, apartment houses, tenement houses, hotels, hospitals requiring not more than four (4) per cent live load per square foot of superficial surface, when supported on a steel frame complying with the requirements of Sections 48, 49 and 50 of the "Building Law" of the City and County of San Francisco, and fire-proofed according to the provisions of Sections 104 and 105 of the building law.

Steel frame tie beams used in this construction shall have a depth at least one-twenty-fourth (1/24) of their span, and shall be no lighter than $\frac{1}{8}$ in. $\frac{1}{4}$ in. section. They shall be riveted to the columns with at least four (4) $\frac{3}{4}$ in. rivets.

Metal joists shall meet the requirements specified for timber joists in Section 48 of the building law and their maximum spacing shall not exceed twenty-four (24) inches center to center. Tension bridging shall be spaced at not more than six (6) foot intervals measured along the joists.

Ribbed metal lath shall be secured to the tops of the joists. This lath shall be not lighter than twenty-four (24) gauge and shall have the minimum sectional areas specified in Section 113-B of the building law for slab reinforcement. This lath shall constitute the reinforcing for the concrete slab.

The lath shall be covered with a concrete slab at least two (2) inches thick for all roofs, and for the floors of dwellings, apartment houses, tenements and hotels. Floor slabs of office buildings, hospitals and other buildings shall have two and one-half (2 $\frac{1}{2}$) inches minimum thickness. The under surface of the joists shall be fire-proofed with a layer of twenty-four (24) gauge metal lath, plastered with a seven-eighths ($\frac{7}{8}$) inch thickness of cement plaster and this fire-proofing shall be so securely fastened to or suspended from the joists.

Formed steel joist floor construction shall be limited to eight stories above the sidewalk.

This construction may also be built upon Class "C" frames as specified in Part IX of the building law.

Section 2. This Ordinance shall take effect immediately.

OTIS ELEVATOR COMPANY PLANS REORGANIZATION

Plans of Otis Elevator Company Directors embracing a re-capitalization will probably be ready for submission to the stockholders within two months, according to word from New York.

President F. C. Furlow, who is in Italy superintending organization of the Italian subsidiary and his return has been delayed. As soon as he returns it is expected that plan will go forward.

Another 50 per cent stock dividend is probable, to be followed by a split-up of the \$100 par value common shares into four of \$25 par value.

Total capitalization of Otis is \$11,227,800 common and \$6,700,000 preferred, with no funded debt. Declaration of a 50 per cent stock dividend would bring common outstanding to \$21,341,700.

Capitalization, common and preferred stocks, now stands at \$20,727,800. Otis has over \$11,000,000 working capital of which only a small part is inventories. Plant account is carried at \$9,646,000 and investment in other companies \$3,600,000. Good will, patent and office equipment are carried at \$1,000,000. It is to bring capitalization more in line with earning power and assets that the 2nd stock dividend of 50 per cent is contemplated.

Company has about \$7,200,000 in cash or its equivalent. This is more than ample for requirements.

July business was the best so far this year with indications that August will be even better. Continuation of building operations on a large scale seems to assure a busy last half of the year.

Earnings in first half of 1922 available for dividends amounted to \$1,185,522, equal to \$7 a share on the common. Otis should be able this year to do better than \$16 a share on the junior issue or more than twice dividend requirements.

Operations have already been started in Italy. Formation of the Italian company and plant will require practically no investments as government has given orders and guarantees for amount which should exceed initial expenditure. Italian subsidiary forms another link in the chain of foreign plants. Otis is already operating in England, France, Germany, Belgium and Canada.

NEW COURTHOUSE PROPOSED FOR STOCKTON

The San Joaquin County supervisors proposed to call an election in November to decide whether the courthouse site and building shall be sold and new courthouse erected on another site. A second proposition will provide to determine whether the property shall be retained and additions made to the present building, the improvements to cost approximately \$750,000.

The Observer.

(Continued from Page 4)

Building activities in Pacific Coast cities for August, 1922, follow (for comparison the figures for 1921 in the same cities are given):

	Aug. 1922	Aug. 1921
Alameda	119,009	31,197
Berkeley	556,300	248,614
Fresno	107,398	383,572
Long Beach	865,588	889,164
Los Angeles	11,523,891	7,015,861
Oakland	1,651,129	1,852,693
Pasadena	923,358	566,531
Sacramento	867,016	348,788
San Diego	1,145,415	112,109
San Francisco	6,214,082	1,216,437
San Jose	188,076	39,975
Stockton	285,109	114,010
Portland, Ore.	1,241,280	1,186,982
Everett, Wn.	69,206	50,931
Seattle, Wn.	1,200,719	1,340,430
Tacoma, Wn.	259,647	318,245

Coast Rock and Gravel Co. has filed complaint with the Railroad Commission against the Southern Pacific Co. and the Sacramento Northern Railroad alleging that the rate of \$1.20 a ton charged for the transportation of crushed rock sand and gravel from Fair Oaks to Sankey during the period September 13 to October 5, 1921, was excessive. Complainant states that the Southern Pacific in connection with the Western Pacific maintained a rate for this service of 80 cents a ton. The latter rate is declared to be reasonable and reparation for the difference between the two rates is asked.

Federal Power Commission has advised the California Fish & Game Commission that no action will be taken in the application of the Electro Metals Company for permit to construct two large dams at the forks of the Salmon River a tributary of the Klamath River, until water rights have been granted by the California State Water Commission. The Fish & Game Commission is opposed to the granting of the permit.

According to advices from Santa Clara, Cal., Geo. S. Bandy, lumber man, secured a deal with the Seaton for the purchase of the Seaton timber on the back ranch for \$50,000 from which they expect to cut 5,000,000 feet of first grade redwood lumber. The ranch is about seven miles up the coast in the laguna district.

Speculators of San Francisco businessmen have purchased the old Fredericksburg Brewery in San Jose and will remodel the structure for a cold storage and ice making plant. Main building will be enlarged and other structures will be fitted up for packing plants, dry kilns and creamery quarters.

The Red River Lumber Co. has secured options for the purchase of 260 acres of land lying northeast of Susanville and comprising a portion of the Milwood tract and lands adjoining the tract on the north. A new mill will be erected.

Department of Commerce figures out a decrease of 38.8% in the Arizona-New Mexico lumber cut for 1921 as compared with the preceding year. In 1921 25 Arizona mills cut 35,138,000 ft. and 66 New Mexico mills cut 34,526,000 ft. Sharp is attributed to falling off in general business conditions.

Jelly-Rite Co. has leased property in Santa Clara, 217 by 455 feet, on which it proposed to erect a plant, the first unit of which will cost \$10,000.

Building News Section

APARTMENT HOUSES

Figures to be Taken in a Few Days.

APARTMENTS Cost, \$15,000
SAN FRANCISCO. Mission District.
 Three-story frame store and apartment building (2 3-room and 2 2-room apts.)
 Owner—Withheld.
 Architect—Arthur G. Scholz, Phelan Bldg., San Francisco.

Sketches Being Prepared.
APARTMENTS Cost, \$40,000
SAN FRANCISCO. Western Addition.
 Three-story frame and plaster apartment house (12 2-room and 3 3-room apts.)
 Owner—Withheld.
 Architect—Arthur G. Scholz, Phelan Bldg., San Francisco.

Plans Completed.
APARTMENTS Cost, \$125,000
LOS ANGELES. Los Angeles Co., Cal.
 Olive St. bet. 2nd and 3rd Sts.
 Four-story brick apartment house, 45x 145 (53 2 and 3-room apts.)
 Owner—Dr. E. D. Edmunds.
 Architect—Allen & Hillier, 614 Union Bank Bldg., Los Angeles.

Contract Awarded.
APARTMENTS Cost, \$16,000
OAKLAND. Alameda Co., Cal. Piedmont by-the-lake, Lot 107.
 Two-story and basement frame 16-room apartment house.
 Owner—Pauline and Zina Shainoff.
 Architect—Schirmer-Dugbee & Co., Thayer Bldg., Oakland.
 Contractor—Chas. W. Short, 574 Rosal Ave., Oakland.

To Be Done by Day's Work.
APARTMENTS Cost, \$20,000
SAN FRANCISCO. S E Greenwich and Polk Streets.
 Three-story and basement frame (12) apartments.
 Owner—Axel A. Johnson, 632 Belvedere St., San Francisco.

Plans Being Prepared (Segregated Figures to be Taken About Oct. 15th).
APARTMENTS Cost, \$45,000
SAN FRANCISCO. Filbert St. near Larkin, 44x137-6.
 Two and three-story frame and stucco apartment house (12 4-room and 3 3-room apts.) Garage in basement for 8 machines with turn-table.
 Owner—Withheld.
 Architect—O. R. Thayer, 110 Sutter St., San Francisco.

Low Bidder.
APARTMENTS Cost, \$64,400
SAN FRANCISCO. SE Stockton and Pine Streets.
 Four-story and basement reinforced concrete apartment house.
 Owner—S. P. Meyer, 2525 California St., San Francisco.
 Architect—Herman Barth, Phelan Bldg., San Francisco.
 Low Bidder—John Spargo, 240 Montgomery St., San Francisco.

Contract Awarded.
APARTMENTS Cost, \$12,000
OAKLAND. N W Clifton and College Avenue.
 Two-story 16-room frame apartments.
 Owner—A. Peterson, 5215 Broadway, Oakland.
 Contractor—Jones & Sleep, 5642 College

Plans Ready for Figures Thursday.
APARTMENTS Cost, \$50,000
SAN FRANCISCO. S E 15th and Dolores
 Three-story and basement frame apartments (12 2-room apts.)
 Owner—Withheld.
 Architect—Albert Schroeffer, Nevada Bank Bldg., S. F.
 Figures will be taken for a general contract with separate bids for plumbing, electrical work and painting.

Contract Awarded.
APARTMENTS Cost, \$12,000
SAN FRANCISCO. S Henry 180 E Noe.
 Two-story and basement frame (4) apts.
 Owner—M. Christensen.
 Contractor—C. M. Lee, 21 Steuart St.

Contract Awarded.
APT. HOUSE Cost, \$36,650
SAN FRANCISCO E Taylor 27-8 S Bdwy
 Three-story frame apartment house.
 Owner—Emma S. Sawtelle.
 Architect and Contractor—Kincanon &

Preliminary Plans Being Prepared.
APT. HOUSE Cost, \$70,000
LOS ANGELES. L. A. Co., Cal. Wilshire Blvd. & Shatto Place.
 Ten-story class A co-operative apartment house.
 Owner—E. A. Wayt, 511 Loew State Bldg., Los Angeles.
 Architect and Engineer—Edw. C. and Ellis W. Taylor, 713 W 8th St., L. A.

Contract Awarded.
APARTMENTS Cost, \$16,212
SAN FRANCISCO. S W Chestnut & Franklin.
 Three-story frame apartments.
 Owner—Chas. H. & Maria Porta.
 Architect—Albert F. Porta, 522 Washington St.
 Contractor—John Harder, 870 39th Ave.

BAKERSFIELD. Kern Co., Cal.—Architect Eugene K. Martin, Arlington Bldg., Bakersfield, at \$67,000, has awarded a contract to Geo. I. Harris, Bakersfield, to construct the McGiel apartments at 19th and E streets, Bakersfield.

The same architect has awarded a contract to August Zimmerman, Bakersfield, to construct the \$51,000 Deviner apartment house at 13th and G Streets.

BANKS

Plans Being Figured.
BANK BLDG. Cost, \$250,000
LONG BEACH. Los Angeles Co., Cal.
 SE Fourth and Pine Sts.
 Three-story Class A bank building (steel, brick and concrete with terra cotta and granite facing).
 Owner—First National Bank of Long Beach.
 Architect—Johr & Donald B. Parkinson, Title Insurance Bldg., Los Angeles.

BONDS

CALIFORNIA.—The Pittsburg-Sacramento Auto Ferry Co., Inc., has filed application with the State Railroad Commission for permission to issue \$250,000 common stock of the par value of \$10 a share; proceeds to be used in the purchase or construction of a ferry boat, in acquiring terminals, rights of way and building roads, wharves and slips.

SANTA CRUZ. Santa Cruz Co., Cal.—Until Oct. 10, bids will be received by supervisors for purchase of \$10,000 bond issue of Live Oak School District; proceeds of sale to finance addition to school building, plans for which are being completed by Architects Masten & Hurd, First Trust Bldg., Oakland.

NAPA. Napa Co., Cal.—City Council sells \$600,000 bond issue to purchase Napa City Water Works system and develop Milliken Canyon water project. Premium of \$12,321 paid for issue.

NAPA. Napa Co., Cal.—Supervisors sell \$45,000 bond issue of Salvador Union Elementary School District for premium of \$1476; proceeds to finance school improvements.]

MARTINEZ. Contra Costa Co., Cal.—Until Oct. 16, bids will be received by supervisors for purchase of \$15,000 bond issue of Oakley School District; proceeds of sale to finance school improvements. James T. Narbett, 910 MacDonaid Avenue, Richmond, is the architect.

MADERA. Madera Co., Cal.—Supervisors will call election in November to vote bonds of \$150,000 to finance construction of new county hospital. No architect has been selected as yet to prepare plans.

BAKERSFIELD. Kern Co., Cal.—Election will be held October 14 in the Union Avenue School District to vote bonds of \$3,500 to finance school improvements. Trustees of District are: W. W. Hitchcock, J. E. Ansel and Mrs. Alice Simpson.

CHURCHES

Contract Awarded.
CHURCH Cost, \$30,000
OAKLAND. Clark Blvd. and Hampel St.
 Frame and plaster church to seat 500.
 Owner—St. James Presbyterian Church.
 Architect—W. J. Wythe, Central Bank Bldg., Oakland.
 Contractor—Thos. A. Cuthbertson, 1766 12th Ave., S. F.

SUTTER CITY. Sutter Co., Cal.—Steps will be taken by the parishoners of the Methodist-Episcopal Church to raise funds to finance construction of new edifice on a site now under consideration. The present structure cannot accommodate the attendance.

FACTORIES & WAREHOUSES

Plans Being Prepared.
WAREHOUSE Cost, \$200,000
LOS ANGELES. Los Angeles Co., Cal.
 San Pedro and Commercial Sts.
 Eight-story and basement Class A warehouse, 136x150.
 Owner—Los Angeles Warehouse Co.
 Architect—Albert C. Martin, 430 Higgins Bldg., Los Angeles.

Contract Awarded.
COMMISSARY BLDG. Cost, \$35,000
MODESTO. Stanislaus Co., Cal. Eighth St. bet. G and H Sts.
 One-story brick commissary building, 50x150.
 Owner—Jones Grill, Inc., A. W. Jones, Manager, Modesto.
 Architect—Not Given.
 Contractor—R. T. Bush and C. M. Conlee, 318 Poplar St., Modesto.

Preliminary Plans Being Prepared.
APARTMENT HOUSE Cost, \$14,000
SAN FRANCISCO. E Powell N Washington.
 Two-story and basement reinforced concrete apartment house bldg.
 Owner—Withheld.
 Architect—Powers & Ahnden, 460 Montgomery St., S. F.

Contract Awarded.
SHOOTING RANGE Cost, \$11,000
SAN FRANCISCO. S Folsom St. 275 E 6th Street.
 One-story concrete and frame shop.
 Owner—W. C. Brumfield, 18 7th St.
 Contractor—R. E. Forbes, 1050 Monadnock Bldg. R 4

Plans Being Figured.
FACTORY BLDG. Cost, \$250,000
OAKLAND. Alameda Co., Cal. Garfield Hillside and 72nd Streets.
 Two-story brick, concrete and steel factory building, 80x664 feet.
 Owner—Chevrolet Automobile Co.
 Architect—Albert Kahn, Detroit, Mich.
 Bids will be opened in Detroit shortly.

To Be Done By Day's Work.

WAREHOUSE Cost, \$50,000
SAN FRANCISCO, N W Bay & Powell.
 Three-story frame warehouse.
 Owner—Simmons Co., 198 Bay St.

Plans Being Figured.

LOFT BUILDING Cost, \$20,000
SAN FRANCISCO, Ritch and Erarnan Streets.
 Three-story, reinforced concrete loft building, 51x75.
 Owner—Bothin Realty Co., Lessee Mono Oil Co.

Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.

Permit Applied For.

FACTORY BLDG. Cost—
SAN FRANCISCO, S Bryant 25 W Morris.
 One-story concrete factory building.
 Owner—E. L. Reese.
 Architect—N. W. Sexton, Chronicle Building.

Contract Awarded.

WAREHOUSE Cost, \$17,000
SACRAMENTO, Sacramento Co., Cal., 17th and R Sts.
 One-story frame and galvanized iron warehouse.
 Owner—J. J. Smith & Co.
 Architect—P. H. Harrison, Peoples Bank Bldg., Sacramento.

Figures to Be Taken in Two Weeks.

FACTORY Cost, \$30,000
SAN FRANCISCO, NE Second and Brannan Streets.
 Two-story and basement Class C factory building.
 Owner—Los Angeles Soap Co.
 Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.

Plans Being Prepared.

PACKING HOUSE Cost, \$200,000
SANTA PAULA, Ventura Co., Cal.
 One-story and basement reinforced concrete extension to the present packing house, 150x350.
 Owner—Santa Paula Fruit Assn.
 Architect—Allison & Allison, 1405 Hibernian Bldg., Los Angeles.

SANTA CLARA, Santa Clara Co., Cal.—Joly-Rite Co. has leased from city trustees property in Lafayette St., 217x155 ft., and which it is proposed to erect a factory building, the first unit of which will cost \$10,000.

PORTLAND, Ore.—Roy O. Powers, 445 E-24th St., at \$45,000 awarded contract by Architects Claussen and Clausen, Macleay Bldg., to erect shoe factory, 62x198 ft., at 24th and Thurman Streets for Bergman Shoe Co. Otis Elevator Co. awarded contract to install 3-ton elevator.

PHOENIX, Ariz.—Southwestern Portland Cem. Co. plans to erect a cement plant near Phoenix, to cost about \$1,250,000, according to announcement made by O. J. Binford, secy. and gen. mgr. of the company, following a conference with the Chamber of Commerce. It will have sufficient capacity to care for the Arizona field and will employ between 125 to 200 men.

MODESTO, Stanislaus Co., Cal.—Frank C. Kuhn, Modesto, at approx. \$10,000 awarded contract to erect clubhouse for Stanislaus County Club with headquarters at Modesto.

OLYMPIA Wn.—West Coast Pulp and Paper Co., Salem, Ore., has purchased old brewery buildings at Tumwater and will remodel the structures for a paper mill. C. M. Miall, of Salem, is president of the company.

Permit Applied For—Construction To Start Shortly.

WAREHOUSE Cost, \$225,000
SAN FRANCISCO, SW Van Ness Ave & McAllister Sts.

Eight-story and basement class A steel frame and reinf. conc. whse.
 Owner—Lyon Fireproof Warehouse, 3430 Broadway.
 Architect and Contractor—W. Knowles, Hearst Bldg., San Francisco.

FIREHOUSES AND JAILS

Bids Rejected—Plans to Be Revised.
FIRE HOUSE Cost, \$15,000
VALLEJO, Solano Co., Cal. Sacramento and York Streets.

Two-story brick fire house.

Owner—City of Vallejo.
 Architect—Charles E. Terry, 514 Marin St., Vallejo.

United Constr. Co.,	\$14,315.25	\$15,154.25
Morgan & Ward,	15,580.00	14,872.00
Miller & Cassidy,	16,280.00	14,389.00
Lamb & Lund,	14,462.00	14,421.00
N. Hawkinson,	15,700.00	14,406.00
Teichner,	17,230.00	15,000.00
J. Cavallo,	7,331.00	15,909.00
G. Barenchi,	15,596.00	15,239.00

Plans will be revised to bring the cost down to about \$11,000. Concrete construction will be used.

FLATS**Contract Awarded.**

FLATS Cost, \$12,000
OAKLAND, W Benvenue 250 N Alcatraz Ave.

Two-story 16-room frame flat bldg.
 Owner—Elmer W. West, 5675 College Ave., Oakland.

Contractor—Harry C. Knight, 388 12th St., Berkeley.

To Be Done By Day's Work.

FLATS Cost, \$12,000
OAKLAND, S Harwood Ave. 180 E College Ave.

Two-story 16-room frame flats.
 Owner—P. H. Franks, 2839 Ellsworth St., Berkeley.

Plans Complete.

FLATS & GARAGE Cost, \$10,500
SACRAMENTO, Cal., 710 24th St.
 Two-story frame (4) flats & garage.
 Owner—F. H. Ireland, 1530 "M" St., Sacramento.

Sub-figures Being Taken.

FLATS Cost, \$12,000
SAN FRANCISCO, W 19th Ave 100 & 125 S Cabrillo.

Two-story and basement frame flat buildings (2 flats each).
 Owner—C. O. Clausen, Hearst Bldg and S. P. Fisher, 3467 Mission St.
 Architect—C. O. Clausen, Hearst Bldg

Contract Awarded.

FLATS Cost, \$14,000
SAN FRANCISCO, E 20th Ave. 250 N Geary.

Two-story & basement frame (2) flats.
 Owner—Mrs. T. Z. Levy and Mr. and Mrs. I. Gotheim.
 Architect—R. R. Irvine, 74 New Montgomery.

Contractor—B. Liebman, 115 9th Ave.

Plans Being Figured.

FLAT BLDG. Cost, \$14,000
SAN FRANCISCO, N Green E 16th St.
 Two-story attic and basement frame and stucco residential flat building (2 6-room flats, garage and store-rooms in basement, billiard room, 100 ft. in attic).

Owner—Robert Wallace Jr.
 Architect—O. R. Thayer, 110 Sutter St., San Francisco.

Figures are being taken for a general contract with separate bids for the painting, plumbing and electrical work.

Contract Awarded.

FLATS Cost, \$13,000
OAKLAND, NE 63rd St and Telegraph Avenue.

Two-story 16-room frame flats.
 Owner—J. H. Cook, 1534 Franklin St., Oakland.

Contractor—California Building Co., 1534 Franklin St., Oakland.

Plans Being Prepared.

FLAT BLDG. Cost, \$17,000
SAN FRANCISCO, Twenty-first Ave. and Cabrillo St.

Two-story and basement frame and stucco flat building (2 flats of 6 and 7 rooms and basement garage).

Owner—Withheld.
 Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.

GARAGES**Plans Being Prepared.**

GARAGE Cost, \$—
SAN FRANCISCO, Washington Street near Gough Street.

One-story and basement reinforced concrete garage.

Owner—Crest View Apartments, Inc.
 Architect—Joseph L. Stewart, Claus Spreckels Bldg., San Francisco.

Plans Being Prepared.

GARAGE Cost, \$12,000
SAN FRANCISCO, Natoma St. bet. 6th and 7th Sts.

One-story reinforced concrete garage (wood trusses).
 Owner—Bothin Estate.

Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.

Contract Awarded.

GARAGE Cost, \$45,000
SAN FRANCISCO, Natoma, Hunter & Sherwood Streets.

Three-story reinforced concrete commercial garage.
 Owner—Bothin Realty Co.

Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
 Contractor—Caillit Bros., 110 Sutter St., San Francisco.

MODESTO, Stanislaus Co., Cal.—J. E. Fritz has contract to erect for Lounsbury and Shalter a one story reinforced concrete garage in Sixteenth St. bet. M and N Sts., 100 by 150 feet.

PLACERVILLE, El Dorado Co., Cal.—P. Cote and Frank S. Shattuck, Placerville, awarded contract to erect one story, 60 by 150 ft., corrugated iron and cement plaster garage at Main and Sacramento streets for W. E. Beck, to be occupied by Durant Agency.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—The chief of the Bureau of yards and docks, Navy Department, Washington, D. C., will open bids on October 11 under specification 4601 for remodeling the south half of building No. 53 at the marine barracks, Mare Island, Calif. Plans may be obtained at Mare Island on a deposit of \$10.

WASHINGTON, D. C.—Col. Forbes, Director of the Veterans' Bureau, has advised Senator Samuel Northridge of California that he has authorized a 500-bed addition at the Palo Alto Hospital, now under construction. The addition will be used to house insane patients.

WASHINGTON, D. C.—The following awards have been made by the chief of the bureau of yards and docks, Navy Department, Washington:
 Specification 4582, San Diego, Calif.: guardhouse and shops, W. E. Kier Construction Co., \$13 First National Bank Bldg., San Diego, Calif., \$146,176, time 240 days.

Specification 4686, San Diego, Calif.: screening hospital buildings, bids opened at yard, W. E. Kier Construction Co., \$13 First National Bank Bldg., San Diego, Calif., \$10,854, time 90 days.

WASHINGTON, D. C.—Federal Ornamental Iron and Bronze Co., 16th and San Bruno Ave., San Francisco, at \$46,355 awarded contract by the Acting Architect, Treasury Department to install directory bulletin and sign board in U. S. Public building at Honolulu, T. H.

WASHINGTON, D. C.—The chief of the Bureau of yards and docks, Navy Department, Washington, D. C., will open bids on October 11 under specification 4601 for remodeling the south half of building No. 53 at the marine barracks, Mare Island, Calif. Plans may be obtained at Mare Island on a deposit of \$10. See call for bids under official proposals.

CALIFORNIA.—Rep. Swing, of California, has introduced bills authorizing purchase of sites and the construction of public buildings in California, as follows: Chico, \$100,000; Fullerton, \$125,000; Anaheim, \$175,000; Santa Ana, \$225,000; of which not more than \$35,000 is to be expended for site; Redlands, \$175,000; Bishop, \$100,000; San Bernardino, \$200,000; National City, \$32,000 (site only).

PORTLAND, Ore.—Until Oct. 10, 19 a. m. bids will be rec. by District Eng. U. S. Bureau of Public Roads, 316 Post-office Bldg., to improve Patrick's Creek-Adams Station project, involv. 80 acres clearing; 35 acs grubbing; 380,000 cu. yds. unclassified excavation; 4180 lin. ft. culverts; 160 cu. yds. Class A conc.; 12,800 lbs. rein. steel; 33.5 stations grader work; 280 cu. yds. cement rubble masonry and 1500 cu. yds. hand placed embankment.

Separate bids, same date, to improve Waldo-State Line National Forest project involv. 15 acres clearing; 15 acres grubbing; 39,000 cu. yds. common excavation; 4000 cu. yds. rock excav.; 13,000 cu. yds. Sta. overhaul; 1110 lin. ft. culvert pipe; 90 cu. yds. class A and 110 cu. yds. class C conc.; 7200 lbs. rein. steel; 5.1 mi. finishing earth road. C. H. Purcell, Dist. Eng.

HALLS AND SOCIETY BUILDINGS

Plans Being Figured—Bids Close Sept. 23, 1922.

CLIF HOUSE Cost, \$120,000
SAN FRANCISCO, S. Market W. 1210 St.
Two-story brick Class A store and club building.

Owner—Loyal Order of Moose, S. F.
Lodge No. 28.

Architect—O'Brien Bros., 240 Montgomery St., San Francisco.

Bids to Be Asked Immediately.

COMMUNITY CENTER Cost \$10,000
FAIRFAX, Fresno Co., Cal.
One-story brick and stucco community center (seating 400) to contain kitchenette, dressing and cloak rooms, stage, etc. (tile roof).

Owner—Fairmead School District.
Architect—Ernest J. Kump, Rowell Bldg., Fresno, Cal.

Plans Being Prepared.
MEMORIAL BLDG. Cost, \$100,000
MARYSVILLE, Yuba Co., Cal.

Two-story reinforced concrete American Legion Memorial Building.

Owner—Yuba County.
Architect—Miss Julia Morgan, Merchants' Exchange Bldg., S. F.

Plans Being Figured.
Y. W. C. A. BLDG. Cost, \$—
FRESNO, Fresno Co., Cal. L. and Tuolumne Streets.

Two-story reinforced concrete Association building.

Owner—Young Women's Christian Association (Miss Maude Wolfe, General Secretary).

Architect—Miss Julia Morgan, Merchants' Exchange Bldg., San Francisco.

Resident Architect—R. F. Felchlin & Co., Bank Bldg., Fresno.

On the first floor a modern swimming pool, gymnasium, lobby, reading room, parlors, tea room and general offices will be included. The second floor will contain club rooms, parlors, rest rooms and three suites; one for the girl reserves, one for young business girls, and one for business women.

NOTE—Bids are being taken by Mr. Felchlin.

Contract Awarded.
LODGE BLDG. Cost, \$54,650
SAN FRANCISCO, NW Clay and Grant Ave.

Extensive alterations to 4-story brick lodge bldg. (marble work, plumbing and electrical work.)

Owner—Soo Yuen Benevolent Assn.
Architect—Alfred Schaeffer, Nevada Bank Bldg., San Francisco.

Contractor—Eayliss & Sheridan, 351 11th St., Oakland.

Figures to Be Taken End of This Week.
ADDITION Cost, \$100,000
SAN FRANCISCO, N Oak Street W Van Ness Avenue.

Three-story reinforced concrete addition adjoining present lodge bldg.

Owner—Young Men's Institute.
Architect—Shea & Shea, Chronicle Bldg., San Francisco.

Plans Being Figured—Bids Close October 14, 1922.

CONCRETE BLDG. Cost, \$22,000
SARATOGA, Santa Clara Co., Cal. Odd Fellows' Home.

One-story reinforced concrete building.

Owner—Odd Fellows' Home of California.
Architect—Wolfe & Higgins, Auzeais Bldg., San Jose.

Contract Awarded.
ANNEX Cost, \$7500
SAN FRANCISCO, 634 Stanyan St.
One-story frame annex riding academy.
Owner—S. F. Riding School.

Architect—O'Brien Bros., 240 Montgomery St., S. F.
Contractor—John Spargo, 240 Montgomery St., S. F.

FRESNO, Fresno Co., Cal.—Archts. Alfred W. Rea and Chas. E. Garstang, 905 Trust & Savings Bldg., Los Angeles, are completing plans for a mausoleum to be erected at Fresno for Community Mausoleum Co., of Fresno. E. M. Wheat-



WESTERN UNION TELEGRAM
San Francisco, Calif., Sept. 23, 1922.

Mr. and Mrs. J. A. Reynolds,
Capitola-by-Sea, Calif.
On behalf of the Builders of California, we congratulate you on your Fifty-sixth Wedding Anniversary and we hope you will enjoy many more together. It is so refreshing to see two wonderful persons like you enjoying each other's companionship for over half a century.

Very truly and charge,
Pratt Building Material Co.
518 Hearst Bldg., S. F.
NOTE—Clarence Sand Pratt published the following letter a few days ago, but believes it is worth repeating.
Capitola-by-the-Sea, Calif., September 5th, 1922.

Dear Mr. Pratt:
Today Mr. Sparling came to our house and gave each of us \$5.00, he said we were the oldest couple, married the longest in Capitola. It surprised us as we just gave in our names for fun not thinking that we were the longest married couple in Capitola.
Mr. Reynolds is 82 the 10th of this month and I will be 77 the 25th of next January. We were married Sept. 23, 1866, both came from Wisconsin, he in 1872 and I in 1864. We met in Stockton in September 1861.
We both thank you for your kind donation and we will always remember your kindness. Hope you will come back to our lovely little town some time again in the future.

Sincerely,
MR. & MRS. J. A. REYNOLDS.

FOR FIFTY-SIX years.

MR. AND Mrs. Reynolds have lived together.

AND MUST think.

MOST OF us.

WERE NOT even born.

WHEN THEY were married.

AND CLARENCE Sand Pratt, President OF THE Pratt Building Material Co.

DOUGLAS 100—"easy to remember."

WAS GLAD.

TO SEND a telegram last Saturday.

TO THE Reynolds

CONGRATULATING THEM.

ON BEHALF of the Builders.

AND ON September 10th.

WHICH WAS Mr. Reynolds' birthday.

CLARENCE SAND Pratt, sand producer.

SENT A special delivery letter.

WISHING HIM many happy returns.

OF THE day.

WE ALL know.

THEY ENJOYED.

BOTH THE special delivery letter.

AND THE telegram.

IT IS a lot of fun.

TO MAKE some one happy.

YOU KNOW.

IF YOU never give.

YOU NEVER receive.

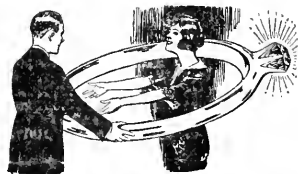
THEY GIVING out happiness.

BY THOUGHTFUL deeds.

AND SEE the reward.

COME BACK to you tenfold.

"I THANK you."



Fifty-six years ago in Stockton Mr. Reynolds, then a young man of 27, married Mrs. Reynolds, who was a blushing bride of 21. They have traversed a great many miles in the path of life since 1866 and Clarence Sand Pratt, producer of clean, sharp sand for all purposes, hopes they may enjoy each other for many more years.

land, Whittier, general contractor. Reinforced concrete constr., 133x37 ft. 310 cypths, stucco and cast stone exte., marble and tile work, bronze grilles, art glass, etc.

SAN FRANCISCO, Cal.—The Filipino residents of San Francisco and the bay district have purchased a 40-room house on Sutter St. bet. Geugh and Franklin Sts., which will be remodeled into a club.

Rev. H. V. Smith, O. P., is directing the movement for a Filipino center, being actively backed in the work by Archbishop Hanna.

Tennis courts will be installed on the grounds, and there will be social halls, a dance hall, and other club conveniences.

Dr. H. F. Van Trump is general chairman of the executive committee. Christoval Regidor, Filipino commissioner, is the vice chairman. Pedro Tupas will be president of the club; Dr. Marquez, second vice president; Valeros, corresponding secretary; Edward McGlynn Gaffney, secretary-treasurer, and Rev. H. V. Smith, spiritual director.

HOSPITALS.

Commissioned to Prepare Plans. **NURSES' DORMITORY** Cost—**MARTINEZ**, Contra Costa Co., Cal. Nurses' dormitory (type of construction not decided). Owner—Contra Costa County. Architect—Jas. T. Narbett, 910 MacDonald Ave., Richmond.

Plans Being Figured—Bids Close Oct 23, 1922, 10 a. m. **ALTERATIONS** Cost, \$65,000 **SAN LEANDRO**, Alameda Co., Cal. 'Co. Hospital near San Leandro.

Two-story frame dormitory and alterations and additions to certain existing buildings. Owner—Alameda County. Architect—Henry H. Meyers, Kohl Bldg. San Francisco.

See call for bids under official proposals.

BAKERSFIELD, Kern Co., Cal.—The County Grand Jury in its annual report recommends that the Supervisors postpone construction of proposed new county hospital estimated to cost more than \$250,000. Chas. H. Biggar, Architect, Bank of Italy Bldg., Bakersfield. (39378) 1st report June 23, 1921; 5th

BAKERSFIELD, Kern Co., Cal.—The County Grand Jury in its annual report recommends to the Supervisors the construction of an isolation ward at the Juvenile Detention Home.

POWER PLANTS

Contract Awarded. **POWER HOUSE** Cost, \$30,000 **SAN BERNARDINO**, San Bernardino Co., Cal. Steel frame and reinforced concrete power house 81x103. Owner—Santa Fe Railway Co. Contractor—Lynch-Cannan Construction Co., Chapman Bldg., L. A.

SAN PEDRO, Cal.—City bureau of power and light is preparing plans for a class "A" reinf. conc. sub-station bldg., to be erected at Regan St. and Harbor Blvd. It will have two stories, 10x15 ft., steel frame and cone, on piles set 13 ft. below grade. The equipment will include one 5000 K. V. A. condenser, with another to be installed later, one 20-ton traveling crane. Archt. Frederick H. Roehrig, Pasadena, is assisting with the design.

TURLOCK, Stanislaus Co., Cal.—City Trustees contemplate appointment of electrical engineer to investigate the feasibility of the city owning its own electrical power distributing system. It is proposed to purchase power from the Turlock Irrigation District at a wholesale price. Chamber of Commerce has endorsed the proposal.

PUBLIC BUILDINGS

OAKLAND, Cal.—Members of the Fremont School Parent Teachers' Association will campaign to raise \$15,000 to construct swimming pool at Fremont School. Mrs. Geo. Herron is president of association.

HOLLYWOOD, L. A. Co., Cal.—Until 3 p. m., Oct. 3, bids will be received by board of library directors, Metropolitan Bldg., L. A., for erecting new Hollywood branch library bldg., at n. w. cor. Hollywood Blvd. and Ivar St. Dodd & Richards, 905 Brack-Shop Bldg., L. A., archts. Plans may be obtained at librarian's office, Metropolitan Bldg. Crt. chks. or bond for 10% required. The bldg. will be of brick constr., stucco exte., clay tile roof, 1 story and part 2 stories, pine trim, gas furnaces and gas radiators, \$39,000.

BAKERSFIELD, Kern Co., Cal.—Until Oct. 16, 10 a. m., bids will be rec. by E. R. Smith, County Clerk, to construct one story brick and frame branch library building at McFarland, Kern county. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. See call for bids under official proposal section in this issue.

SACRAMENTO, Cal.—City Council will shortly select architect or sculptor to design two models for proposed Coleman Memorial Fountain for which \$20,000 is available.

OAKLAND, Cal.—Until Oct. 5, 12 m., bids will be rec. by E. K. Sturkis, city clerk, for fur lubricating oils for remainder of fiscal year ending June 30, 1923. Bond of \$500 required of successful bidder. Spec. may be had from city clerk.

RED BLUFF, Tehama Co., Cal.—The Board of Supervisors has rejected all bids, save two, for furniture, furnishings and fixtures in the new County house in Red Bluff. This action came after District Attorney M. J. Cheatham had received a letter from the attorney general's office at Sacramento in which the legality was questioned of the proposed purchase of courthouse furniture on contract, under the terms of which the payments would have been extended over a period of two years.

As reported on Sept. 30, the contracts awarded were for the floor covering to W. C. Flickert & Son, of Red Bluff, at \$2713 and for lighting fixtures to Boyd Elec. Co., of San Francisco, at \$3300.

In view of the attorney general's opinion that to buy furnishings on contract would be illegal, and the inability of the county to pay cash for the material at present, the supervisors plan to move the various county offices into the new court house and use the furniture, furnishings and some of the fixtures now in the old court house.

DINUBA, Tulare Co., Cal.—J. H. Graham & Son, Dinuba, at \$12,200 awarded new city hall with exception of brick work, the contract for this portion being awarded to Hoch and Hoffmeyer, of Dinuba, at \$3555. Complete list of bids follows:

Patterson and Green, Dinuba, (1) includes general contract with exception of brick work, \$12,633; (2) brick work only, no bid.

Spaith and Payne, Dinuba, (1) \$13,490 (2) \$4335.

S. N. Chase, Dinuba, bidding 1 and 2 combined, \$15,955.

Graham & Son, Dinuba, (1) \$12,200; bidding 1 and 2 combined, \$16,300.

N. H. Eifert, Dinuba, (2) \$4300.

Hoch and Hoffmeyer, Dinuba (2) \$3555.

Johnson, Kingsburg, (1) \$12,420; (2) \$3500.

Friend and Kimzey, architectural designers, 154 West Tulare St., Dinuba, prepared plans for the structure.

RESIDENCES

Contract Awarded. **RESIDENCE** Cost, \$10,000 **BENICUMBY**, Alameda Co., Cal. Santa Rosa.

Two-story 6-room residence. Owner—Mrs. W. R. Cobb, Niles, Cal. Contractor—Jas. Furlong, 631 18th Ave.

Plans Being Prepared. **RESIDENCE** Cost, \$60,000 **LOS ANGELES**, L. A. Co., Cal., Beverly Hills.

Two-story hollow tile and stucco residence 115x28 (12 rooms, 3 bath-rooms).

Owner—A. Freeman. Architect—F. J. Soper and A. L. Rogel-mair, associated, 1122 Story Bldg., Los Angeles.

Plans Being Prepared—To Be Done By Day's Work. **DWELLINGS & GAR.** Cost, \$6000 ea **SAN FRANCISCO**, E 44th Ave. between Anza and Balboa.

Two 1-story frame and plaster bungalows with basement garages. Owner—John Biles, 460 Montgomery St. Architect—Powers & Ahnden, 460 Montgomery St.

Plans Being Figured. **RESIDENCE** Cost, \$9000 **SAN JOSE**, Santa Clara Co., Cal. N. First Street.

One-story frame and stucco residence with tile roof.

Owner—J. T. Natoli. Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

Plans Being Figured. **RESIDENCE** Cost, \$9000 **LOS GATOS**, Santa Clara Co., Cal.

One and one-half story frame and stucco residence and separate garage. Owner—Dr. Ahern.

Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

Plans Being Figured. **RESIDENCE** Cost, \$15,000 **SAN MATEO**, San Mateo Co., Cal.

Two-story 11-room frame and plaster residence with separate garage. (Shingle roof.)

Owner—Winfield. Architect—Houghton Sawyer, Hearst Bldg., San Francisco.

Figures are being taken for a general contract.

To Be Done By Day's Work. **RESIDENCE & GAR.** Cost, \$15,000 **SAN FRANCISCO**, S W Jackson and Locust.

Two-story and basement frame and stucco residence and garage, etc. (9 rooms, 3 bath-rooms).

Owner—R. H. Hubbell, of Hill, Hubbell & Co., 115 Davis St.

Architect—Ashley & Evers, 58 Sutter St. Supt.—Max Hantzsch, 528 31st Ave.

Segregated Figures Being Taken. **RESIDENCE** Cost, \$11,000 **PIEDMONT**, Alameda Co., Cal.

One-story frame and plaster 8-room residence with tile roof. Separate garage.

Owner—Winfield. Architect—Houghton Sawyer, Hearst Bldg., San Francisco.

Bids In. **RESIDENCE** Cost, \$6000 **SAN FRANCISCO**, E Claremont Blvd. 170 S. Dorchester.

Two-story and basement frame residence.

Owner—Hugh Sandys. Architect—Wm. Gunnison, 1666 Golden Gate Ave., San Francisco.

Contract Awarded. **RESIDENCE** Cost, \$18,000 **SAN FRANCISCO**, S W Washington and Walnut Sts.

Three-story and basement frame residence.

Owner—Felix Kahn, 130 Montgomery St., San Francisco.

Architect—Weeks & Day, California Insurance Bldg., S. F.

Contractor—MacDonald & Kahn, 130 Montgomery St., S. F.

General Contract Awarded. **RESIDENCE** Cost, \$10,300 **SACRAMENTO**, Sacramento Co., Cal.

Two-story frame and plaster residence, 10 rooms and garage.

Owner—S. Elliott 720 26th St., Sacramento.

Architect—Leonard Starks, Ochsner Bldg., Sacramento.

Contractor—Herdron & Finnigan, 1814 17th St., Sacramento.

Plans Being Figured
ADDITION. Cost, \$—
SAN FRANCISCO. No. 1821 Jones St.
 Add to residence.
 Owner—Dr. A. M. Alcantara, Premises
 Architect—Ernest H. Hildebrand, 113
 Sutter St., San Francisco.

Contract Awarded.
RESIDENCES. Cost, \$25,000
SAN FRANCISCO. No. Merced Ave. 100
 to 300 W. Woodside Ave.
 Five 1-story and basement frame resi-
 dences.
 Owner—St. George Holden, 1308 Crocker
 Building.
 Architect—Chas. F. Strothoff, 2274 15th
 St., San Francisco.
 Contractor—Wm. L. Terry, 1456 Wil-
 lard, San Francisco.

Contract Awarded.
DWELLING. Cost, \$3700
SACRAMENTO. Sacramento Co., Cal.,
 3009 5th Ave.
 One-story frame 5 room dwelling.
 Owner—Harry H. Lohmeyer.
 Architect—Frederick S. Harrison, Peo-
 ples Bank Bldg., Sacramento.
 Contractor—A. W. Norris, Peoples
 Bank Bldg., Sacramento.

SCHOOLS

Plans to be Prepared.
SCHOOL. Cost, \$—
FLEDMONT. Alameda Co., Cal. Bonita
 and Magnolia Aves.
 Twenty-two-room addition to Class A
 high school.
 Owner—City of Fledmont High School
 District.

NOTE—Architect W. H. Weeks, 369
 Pine St., San Francisco, prepared the
 plans for the present building.

Working Drawings Ordered.
MACHINE SHOP. Cost, \$—
WATSONVILLE. Santa Cruz Co., Cal.
 Machine Shop.
 Owner—Watsonville High School Dist.
 Architect—Wyckoff & White, Growers
 Bank Bldg., San Jose.

Contract Awarded.
SCHOOL. Cost—
KNIGHTS LANDING. Yolo Co., Cal.
 Brick veneer school.
 Owner—Trafton School District.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.
 Contractor—Tornell & Edberg, Turlock.

Contract Awarded.
SCHOOL. Cost, \$12,319
ROCKLIN. Placer County, Cal.
 One-story brick veneer grammar school
 (3 rooms, teachers' room; kitchen-
 ette).
 Owner—Rocklin School District.
 Architect—Frederick S. Harrison, Peo-
 ples Bank Bldg., Sacramento, Cal.
 Contractor—Frank Liscom, Auburn, Cal.
 Conc. foundations, single roof, brick
 veneer exterior, standard plumbing
 fixtures.

Plans Being Prepared.
SCHOOL. Cost, \$70,000
VENTURA. Ventura Co., Cal.
 One-story brick or concrete 8-room
 school 164x130 and a one-story 2-
 room frame and plaster kinder-
 garten building.
 Owner—Ventura School District.
 Architect—Mott M. Marston, 335 San
 Fernando, L. A.

Contract Awarded.
SCHOOL. Cost, \$50,650
COSTA MESA. Orange Co., Cal.
 One-story 6-room hollow tile and
 stucco school.
 Owner—Harper-Fairview School Dist.
 Architect—F. M. Spangler, Santa Ana
 California.
 Contractor—N. O. Meliotti, Costa Mesa.
 D. A. Daly & Co., Santa Ana. Were
 low on plumbing and sheet metal
 work at \$2883.

Bids Rejected—New Bids to Be Asked
 From Revised Plans.
GYMNASIUM. Cost—
MERCED. Merced Co., Cal.
 One-story reinforced conc high school
 gymnasium.

Owner—Merced Union High School Dist.
 Architect—W. E. Pedersen, Merced and
 W. J. Wythe, Central Bank Bldg.,
 Oakland.

Bidders were: F. Jensen, Merced \$45,-
 026; E. K. Angle, Los Banos, \$45,300.
 Bids were approx. \$10,000 above esti-
 mate.

Bids To Be Advertised for Next Week.
SCHOOL. Cost, \$300,000
REDWOOD CITY. San Mateo Co., Cal.
 State Highway and Broadway.
 Three one-story reinforced concrete
 and frame school buildings (main
 building, auditorium and gymna-
 sium).

Owner—Sequoia Union High School
 District.
 Architects—Carl Werner & A. I. Coffey,
 Humboldt Bank Bldg., San Fran-
 cisco.

Revised plans are complete and bids
 will be advertised for next week under
 the same segregations as before as fol-
 lows: General contract, plastering,
 plumbing, painting, electrical work,
 heating and ventilating and black-
 boards.

Plans Being Figured—Bids Close Oct
 18, 1922, 7:30 p. m.
ALTERATION. Cost, \$25,000
SACRAMENTO.

Alterations and additions to Jefferson
 (2 rooms) and El Dorado (3 rooms)
 schools.

Owner—Board of Education, Sacra-
 mento.
 Architect—Dean & Dean, Library Bldg.,
 Sacramento.

Plans may be obtained from the ar-
 chitects on a deposit of \$10 each.

Plans Being Figured—Bids Close Oct.
 18, 1922, 7:30 p. m.
SCHOOL. Cost, \$120,000
SACRAMENTO. Cal.

Eight room and auditorium brick and
 concrete school.

Owner—Board of Education, Sacra-
 mento.
 Architect—Dean & Dean, Library Bldg.,
 Sacramento.

Plans may be obtained from the ar-
 chitects' office on a deposit of \$25.

Contract Awarded.
SCHOOL. Cost, \$11,898
INDEPENDENCE. Inyo Co., Cal.
 One-story reinforced concrete school
 (2 classrooms).

Owner—Independence Grammar School
 District.
 Architect—W. P. Middleton, Bishop, Cal.
 Contractor—A. O. Adams, Independence,
 California.

OAKLAND, Cal.—Until Oct. 9, 4:30
 p. m., bids will be received by J. W.
 Edmondson, sec. Board of Education, for
 general work; brick and terra cotta and
 magnesite work on Theodore Roosevelt
 high school, C. W. Dickey, 2149 Broad-
 way, Oakland, architect. See call for
 bids under official proposal section in
 this issue.

DOMINO, Kern Co., Cal.—Hull Bros.,
 Lancaster, Calif., at approximately
 \$7000 awarded contract by the West
 Antelope School District to construct
 a one-story frame school. Kulzner &
 Jones, Bakersfield, bid \$6062.

FULLERTON, Orange Co., Cal.—Univer-
 sity Development Co., of America
 proposes to build a Christian Science
 college at Fullerton, to be financed by
 bonds, guaranteed by the Mother
 Church in Boston. It is proposed to ex-
 pend about \$5,000,000.

SACRAMENTO, Cal.—Dunn & Frazer,
 1119 9th St., Sacramento, at \$1467
 awarded contract by the Board of Ed-
 ucation to install window shades in
 the high school.

A. E. Leitch Fred Clark

CLARK & LEITCH
ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1110 SECOND ST., SACRAMENTO

Phone Main 726

VENICE, Los Angeles Co., Cal.—Dar-
 rell Condlly Co., Marsh-Strong Bldg.,
 Los Angeles, was low bidder at \$131,-
 162 on the gen. contr. for the Venice
 Junior High School Bldg., Venice. Ot-
 her bids were: D. S. McEwan, wiring,
 \$2863; Venice Sanitary Plbg Co., plumb-
 ing, \$13,367; Hamill Radiator Cor.,
 gas heat. Bids under ad-
 visement, Russell & Alpaugh, Story
 Bldg., Los Angeles, architects.

EL MODENA, Orange Co., Cal.—Until
 2 p. m. Oct. 2, bids will be received by
 El Modena school dist. trustees for
 erection of 6-room brick or concrete
 grammar school building, Allison &
 Allison, 1405 Hibernian Bldg., Los An-
 geles, archts. Contracts will be let as
 follows: (1) excav., concr., carpentry,
 iron and masonry; (2) sheet metal; (3)
 comp. rf.; (4) tile rf.; (5) plastering; (6)
 blackboards; (7) painting; (8) hard-
 ware; (9) plumbing; (10) elec. work.
 Cert. chk. or bond, 5%. H. W. Walker,
 clerk. Estimated cost \$55,000.

WATSONVILLE, Santa Cruz Co., Cal.—
 Following bids rec. and taken under
 advisement by Watsonville Union High
 School District to install 200 seat
 dressing room, lockers, 15x15x36 in.,
 double tier, in groups of 20 with locks
 of padlock type:

Stewart Sales Co., 247 Rialto Bldg.,
 San Francisco, agents for Fred Medart
 Mfg. Co., \$1174.

Waterhouse-Wilcox Co., 523 Market
 St., San Francisco, \$460, shelves \$56
 extra.

Geo. W. Trask, 76 Sacramento St.,
 San Francisco, agent for Durant Steel
 Locker Co., \$1140.

C. F. Weber & Co., 985 Market St.,
 San Francisco, \$515 each.

SACRAMENTO, Cal.—Luppen, Haw-
 ley & Thingo, 906 Seventh St. Sacra-
 mento, at \$1937 awarded contract by
 the Board of Education to finish and
 install one American Radiator Co., S-
 36-T-3 Boiler in the Watson School
 at 16th and J streets. To be installed
 without grates but with fire-brick ar-
 ranged for oil burning and connected
 to present piping.

VENICE, L. A. Co., Cal.—J. C. Bannis-
 ter, 903 N. Mariposa Ave., Los Angeles,
 was awarded the general contract at
 \$127,427 for erecting new junior high
 school building at Venice, Russell &
 Alpaugh, 1405 Story Bldg., Los Angeles,
 archts. The contract was awarded on
 the original bid of \$123,386 with a de-
 duction of \$6513 on alternate A and
 an addition of \$540 on alternate B. The
 bid of Darrell Condlly on this basis was
 \$127,862. Other contracts awarded were:
 Wiring to D. S. McEwan at \$2863;
 plumbing to Venice Sanitary Plumbing
 Co., at \$13,367; and compressor, Thos.
 Harty Co., at \$575. The bids for heat-
 ing were held under advisement.

RENO, Nevada—Until Oct. 7, 5 p. m.,
 bids will be received by Thos. W. Clark,
 clerk, Reno School District No. 10,
 Washoe County, for excavation and
 foundation work for junior high
 school, Geo. Ferris & Sons, archt.
 1601 Colonial Bldg., Reno. See call for
 bids under official proposal section in
 this issue.

COLTON, San Bernardino Co., Cal.—
 J. J. Bakker, San Bernardino, was low
 bidder at \$119,140 on the general con-
 tract for erecting new high building
 at Colton, Allison & Allison, 1405 Hi-
 bernian Bldg., Archts. Low bidders on
 other contracts were: Armbrust & Man-
 ning on sheet metal work at \$119,750;
 Bert E. Herrington, San Bernardino,
 on comp. rf., at \$2490; G. L. Passmore
 on tile rf., at \$1100; Gust Johnson on
 plastering at \$8934; Tucker-Fuller
 Desk Co., on blackboards at \$1128; D.
 Zelinsky & Sons on painting at \$5995;
 Bennett-Montgomery Hardware Co., on
 hardware at \$3350; F. J. Donnell on
 plumbing at \$6889; W. J. Walker & Martin
 Fullerton, on wiring at \$6600; Interna-
 tional Time Recording Co. on program
 clocks at \$1398; S. Hill & Son on heat-
 ing at \$12,365. Contracts will be award-
 ed Friday.

CORONA, Riverside Co., Cal.—Cres-
 mer Manufacturing Co., Riverside, was
 low bidder at \$56,520 on general contr.
 for erecting new high school at Corona;
 G. Stanley Wilson, Riverside, archt.
 Other bids were: L. C. Walden, \$52,-
 261; G. C. Burner, Corona, \$105,173;

Daniels & Faris, \$110,000; Quality Mill Co., \$126,318. Contract will be awarded to Crisner Mfg. Co.

BAKERSFIELD, Kern Co., Cal.—Until Oct. 26, 7 p. m., bids will be rec'd by E. R. Long, clerk, Board of Education, to const. 2-room frame and brick addition to McKinley school. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. See call for bids and official proposal section in this issue.

LOS ANGELES, Cal.—Arch't. Harlow M. Kimball, 7419 Sunset Blvd., has been commissioned by the Board of Education to prepare plans for a 12-unit brick school building at Alessandro school site to cost \$84,000. This building is to take the place of a similar building to be erected at San Fernando elementary school site, the architectural work for which was originally awarded to Mr. Kimball. Arch't. Henry L. Pierce, 301 Wright & Cramer Bldg., has been commissioned to prepare plans for the 12-unit brick bldg. to be erected at San Fernando elementary school site. It is to cost \$84,000. Arch't. Edw. Cray Taylor, Ellis W. Taylor, engineer, 713 W. 8th St., have been commissioned to prepare plans for a new bldg. at Glassel Park school site to cost \$123,000. The work was originally awarded to Arch't. John C. Austin, who declined to accept the commission. Edgar H. Cline, arch't. for the Board of Education, has been authorized to prepare plans for a 12-unit brick school bldg. at Wilton Place school site to cost \$84,000. D. S. Reynolds has been authorized to prepare plans for remodeling the heating system of the Board of Education warehouse, 1431 San Pedro St. Est. cost \$23,000.

BAKERSFIELD, Kern Co., Cal.—Due to differences between two contractors bids to construct the first unit for the Roosevelt school at Bakersfield have been rejected and new bids will be opened Oct. 18, 7:30 p. m. The contract for heating, however, has been let to Hammel Co. of Los Angeles. Bids for the finish hardware will also be opened on Oct. 16. Under the last call the following bids were received for general construction:
 Anton Johnson Co., Kingsburg, \$47,972
 C. E. Kutzner, Bakersfield, 45,234
 Currie & Dulgar, Bakersfield, 43,450
 Zimmerman, Bakersfield, 45,750
 Peterson Co., Fresno, 43,429
 Henry Elssler, Bakersfield, 43,700
 Louis Sorensen, Bakersfield, 44,850
 J. N. Harvey, Bakersfield, 49,053
 Eugene K. Martin, Arlington Bldg., Bakersfield, is architect.

SAN RAFAEL, Marin Co., Cal.—Until Oct. 11, 8:30 p. m., bids will be received by Oliver Hartzell, sec. Board of Education, to const. fire escape on San Rafael high school. Cert. check for \$500 payable to Thos. P. Boyd, president Board of Education, required with each bid. Specifications on file in office of secretary in high school.

Commissioned to Prepare Plans.
SCHOOL BLDG. Cost, \$80,000
DALY CITY, San Mateo Co., Cal.
 High school building.
 Owner—Jefferson Union High School District.
 Architect—John Reid Jr., 1st National Bank Bldg., San Francisco.
 Bonds to the amount of \$180,000 were voted about two months ago.

SANTA MARIA, Santa Barbara Co., Cal.—Until 8 p. m., October 7, new bids will be received by Trustees of Santa Maria Union High School District for four separate contracts, viz.: (1) excavating, concrete work, carpenter work, etc., (5) painting, (6) hardware, and (9) heating and ventilating, for new gymnasium building at the high school site at Santa Maria. San Diego County Allison & Allison, 1407 Hibernian Bldg., Los Angeles, are the architects.

FURBANK, Los Angeles Co., Cal.—Until 7:30 p. m., October 16, bids will be received by the Trustees of Furbank School District for erecting Abraham Lincoln and Joaquin Miller elementary school buildings at Burbank. Allison & Allison, 1105 Hibernian Bldg., Los Angeles, are the architects. Separate bids for general contract, plumbing and for heating. Buildings will contain 1,000 sq. ft. frame and plaster con-

struction, shingle roofs, pine trim, maple floors, gas heating.

SANTA ROSA, Sonoma Co., Cal.—Bids were received as follows on September 25th by the Board of Trustees of the Santa Rosa Grammar School District, for the construction of a reinforced concrete school building to be known as the "Linc-in-School." Plans were prepared by Architect W. H. Weeks, 369 Pine street, San Francisco.

Contracts were awarded as follows:
 General contract to M. C. Vaughn, 357 12th street, Oakland, painting to T. J. Cunningham of Santa Rosa; plumbing to Roberts Daniel Jr., 215 Washington street, Oakland; heating to W. H. Picard, 5656 College Ave., Oakland; electrical work to Latourrette-Fical Co. of Sacramento. The blackboards, shades and cork carpet bids were rejected.

General Contract		
M. C. Vaughn, Oakland, \$	86,400	\$2300
\$1500;	\$700	
C. L. Ford, S. F.,	87,800	3800
\$875;	\$2600	
Ward & Jones, S. F.,	89,850	3941
\$790;	\$2550	
Robert Trost, S. F.,	92,053	3140
\$—;	\$—	
John Morton, S. F.,	93,150	3250
\$350;	\$1980	
West Coast Constr. Co.,		
S. F., \$95,657;	\$2737;	\$1400;
\$2551		
W. L. Proctor, Santa Rosa, \$97,208;		
\$5000;	\$1200;	\$2000.
Chas. Stockholm and Sons,		
S. F., \$101,973;	\$2960;	\$1069;
\$2390.		
Larsen & Siegrist, S. F., 102,777	2956	
\$1020;	\$2300	

Painting		
T. J. Cunningham, Santa Rosa,	\$2985	
D. Zelinsky, San Francisco,	3106	
Vin. Bernslein, San Francisco,	4209	
R. Zelinsky, San Francisco,	4394	
Neal Co., San Francisco,	4800	
Walter Wiley,	5476	

Plumbing		
Robt. Dalziel Jr., Oakland,	\$5737	
Latourrette-Fical Co., Sacto.,	6115	
Jas. Pinkerton, San Francisco,	9554	

Heating and Ventilating		
W. H. Picard, Oakland, \$6996;	\$839.	
\$2615;	\$800.	
Latourrette-Fical Co. \$7709;	\$636;	\$2541
\$636.		
Robt. Dalziel Jr., \$8397;	\$750;	\$2080.
\$800.		
Luppen, Haxley & Thing, Sacramento,	\$8444;	\$788;
\$10,955;	\$839.	
Scott Co., Oakland, \$8490;	\$930;	\$2539;
\$35.		
Thos. Kennedy, Martinez, \$8606;	\$770;	
\$—;	\$—;	
Hateley & Hateley, Sacto., \$8640;	\$754;	
\$2768;	\$745.	

Electrical Work		
Latourrette-Fical Co.,	\$2300	
H. Londerux,	2526	
Mundell & Fulmer, Elec. Co., Santa Rosa,	2812	
Crown Elec. Co.,	2856	
Watts Elec. Co.,	2009	
Clark Van Fleet,	3848	

Blackboards		
Comp. Slate Add		
F. W. Wentworth,	\$136	\$—
Stewart Sales Co.,	1325	9.35
Rucker-Fuller Desk Co.,	1325	9.35
Milo Harding Co.,	1325	9.35

Cork Carpet		
W. & J. Sloane Co., S. F.,	\$1323.75	
Shades		
W. & J. Sloane Co.,	\$910	

SANTA MONICA, Los Angeles Co., Cal.—Architects Allison & Allison, 1407 Hibernian Bldg., Los Angeles, are preparing plans for a new junior high school to be erected at Santa Monica. There will be a two-story main building and a one-story wings; 30 classrooms, auditorium, gymnasium, cafeteria, science and domestic science departments. Brick construction, stucco exterior, tile and terra cotta roof. There is \$200,000 available with which the main building will probably be erected. The total cost is estimated at \$250,000 and the remainder will be built as soon as funds are available.

STORES AND OFFICES

Revising Plans.
STORE BLDG. Cost, \$59,000
BECKLEY, Alameda Co., Cal. Shattuck Ave. and Bancroft Way
 One-story reinforced concrete and brick store building.
 Owner—Withheld.
 Architect—Miss Julia Morgan, Merchants' Exchange Bldg., San Francisco.

Plans Being Prepared.
STUDIO, ETC. Cost, \$75,000
SAN FRANCISCO. Mason Street near Ellis.
 Seven-story steel frame and reinforced concrete store and office building.
 Owner—Withheld.
 Architect—Henry Shermund, Hearst Bldg., San Francisco.

Contract Awarded.
STORE BLDG. Cost, \$17,350
OAKLAND, NW Park Blvd and Newton Avenue.
 One-story store building (8 stores).
 Owner—W. H. Donahue, Bank of Italy Building, Oakland.
 Contractor—A. E. Orton, 6800 Trenor St., Oakland.

TO BUILD
MARYSVILLE, Yuba Co., Cal.—Geo. Schneider, 522 E 4th St., Marysville, is having plans prepared for a one-story store building to be erected in Fourth St., bet. D and E streets. Building will contain four stores and will have a 50-ft. frontage.

Plans Being Prepared.
STORE BLDG. Cost, \$10,000
SAN FRANCISCO, Plymouth & Ocean Avenues.
 One-story frame and plaster store bldg (5 stores).
 Owner—L. C. Irvine.
 Architect—R. R. Irvine, 507 Cal Bldg.
 Figures will be taken in a week for general contract.

Commissioned to Prepare Plans.
OFFICE BLDG. Cost, \$100,000
SAN PEDRO, L. A. Co., Cal. 240 W. 7th.
 Two-story and basement brick office and service building.
 Owner—City of Los Angeles, Department of Public Service.
 Architect—Edwin Bergstrom, Citizens National Bank Bldg., L. A.

Plans Being Revised To Enlarge Bldg.
OFFICE BLDG. Cost, \$60,000
OAKLAND, Cal. Grand Ave.
 Two-story frame and plaster office building.
 Owner—Dr. L. P. Adams and Dr. W. H. Streitmann.
 Architect—Wm. F. Mhlwain, Albany Bldg., Oakland.

All modern conveniences for physicians' use.

Plans Being Figured.
STORE BUILDING Cost, \$38,000
STOCKTON, San Joaquin Co., SE Market and American Sts.
 Two-story brick lodge and store bldg. Lessee—Froquais Tribe of Redmen.
 Owner—E. J. Triolo, 36 S California St., Stockton.
 Architect—Edw. M. Cooney, 604 North Hunter St., Stockton.

Plans Being Prepared.
STORE BLDG. Cost, \$60,000
HOLLISTER, San Benito Co., Cal. 5th & San Benito Sts.
 Three-story and basement reinforced concrete lodge and store bldg.
 Owner—Elks Lodge of Hollister.
 Architect—Shea & Shea, Chronicle Bldg., San Francisco.

Contract Awarded.
ADDITION Cost, \$18,000
SAN FRANCISCO, No. 250 Stockton St.
 Alter and add to present office and store building.
 Owner—Rudolph Wurrlitzer Co., Pren. Architect—V. W. Houghton, 425 Kearny St., San Francisco.
 Contractor—Fink & Schneider Co., 226 15th St., San Francisco.

Official Proposals

NOTICE TO CONTRACTORS

(Kern County Branch Library)

Notice is hereby given that the Clerk of the Board of Supervisors, County of Kern, Bakersfield, Calif., will receive sealed bids up to 10 A. M. of October 16, 1922, for the erection and completion of a one-story brick and frame branch library building at McFarland, Kern County, Calif., in accordance with plans and specifications for same on file with said clerk and open for the inspection of bidders.

Copies of the above plans and specifications may be had at the office of Charles H. Biggar, Architect, 405-406 Bank of Italy Bldg., Bakersfield, and the work will be done under his supervision.

Each bid must be accompanied by a certified check for at least ten per cent of the amount bid, said check to be made payable to the Clerk of the Board of Supervisors, and same will be held as evidence of good faith on the part of the successful bidder, that he will enter into a contract satisfactory to the Board of Supervisors and in addition thereto will furnish good and sufficient bonds in the amount of seventy-five per cent of the contract price.

The Board reserves the right to reject any or all bids and to waive any informality in any bid received.

By order of the Board of Supervisors, Sept. 18, 1922.

F. E. SMITH, County Clerk and ex-Officio Clerk of the Board of Supervisors.

NOTICE TO CONTRACTORS

(Theodore Roosevelt High School)

Office of the Secretary of the Board of Education of the City of Oakland.

Sealed bids will be received by the Board of Education of the City of Oakland, City Hall Oakland, California, until the 9th day of October, 1922, at 4:30 p. m., at which time said bids will be opened, for the erection and completion of a new building for the Theodore Roosevelt Junior High School, located on Oakland School District, and Oakland High School District, located on the two blocks extending from 19th Avenue to 20th Avenue, and from East 18th Street to East 20th Street, Oakland, California.

Separate bids will be received for:

1. General Work, including excavation and grading, concrete, carpenter work, miscellaneous, ornamental and structural iron work, sheet metal work, built-up roofing work, elevator work, and all similar work for interior equipment.
2. Brickwork and terra cotta.
3. Magnesite work.

Plans and specifications for said work are on file at the office of the Architect for the Board of Education, 2149 Broadway, Oakland, California.

Copies of the Twenty-five (\$25) Dollars said plans and specifications may be had by any prospective bidder for one of the branches of the work above stated. These plans and specifications may be retained as follows:

1. General work, 14 days.
2. Brickwork and terra cotta, 7 days.
3. Magnesite work, 3 days.

If the plans and specifications are not returned to the Architect within the time above specified, or are returned in damaged or damaged condition, the deposit will be forfeited and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Architect, and be signed by the bidder, accompanied by a certified check, certified by some responsible bank or banker, and made payable to J. W. Edgemond, Secretary of the Board of Education, to be retained by the said School districts as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand (\$5000) Dollars, but for all bids of less than Fifty Thousand (\$50,000) Dollars, said check shall be for at least ten (10%) per cent of the amount of the bid. Each bid shall be accompanied by an affidavit executed on a form that can be obtained from the Architect.

Bids will be opened by the Board of said Districts on the 9th day of October, 1922, at 4:30 o'clock p. m., in the Board Room, 211 Second Floor of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

J. W. EDMOND, Secretary of the Board of Education of Oakland, California.

NOTICE TO DEALERS IN BEST TRACTORS

Notice is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, in their rooms in the Court House, in the city of San Jose, up to 11 o'clock a. m. of Monday, October 16, 1922, for one or more new sixty HP Cruiser type, Best track layer, tractors, three speeds forward, one reverse truck roller, track links and pins, to be drop forged heat treated drawbars, front and rear, provision for st. plates on tracks if desired, full set operating tools, tractor to be delivered at San Jose, in first-class operating condition, with manufacturer's full guarantee and all bids.

Each bid must be accompanied by a certified check in the sum of 5 per cent of amount bid, drawn upon some reliable bank in favor of Henry A. Pfister, County Clerk.

The Board reserves the right to reject any and all bids.

All bids must be addressed to John Roll, Chairman of the Board of Supervisors of Santa Clara County, and endorsed "Bids for 60 HP tractor."

By order of the Board of Supervisors of Santa Clara County.

Attest: HENRY A. PFISTER, Clerk.

By Eugene M. Don, Deputy Clerk.

QUANTITY SURVEYOR

and Valuation Engineer
Buildings and Engineering Works

ARTHUR PRIDDLE

693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

BIDS WANTED FOR REMODELING BARRACKS

NOTICE TO CONTRACTORS

Sealed proposals, indorsed "Proposals for Remodeling Building, Mare Island, Calif., Specification No. 4601," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., Oct. 11, 1922, and then and there publicly opened, for remodeling Barracks Building, No. 53, at the Marine Reservation, Navy Yard, Mare Island, Cal. The work includes rearrangement of partitions, removing brick walls, repairing walls, ceilings and floors, and new electric lighting, heating, and plumbing fixtures, and their connections to the existing systems, together with other incidental work. Drawings and specifications No. 4601 may be obtained on application to the Bureau or to the Commandant, Navy, Mare Island, Calif. Deposit of a check or postal money order for \$10 payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. R. E. Bahren, Acting Chief Bureau, August 17, 1922.

NOTICE CALLING FOR BIDS FOR MATERIALS

Notice is hereby given that Drainage District No. 296 of Butte County will on Tuesday, October 3, 1922, at 2 o'clock P. M., receive bids for the following material: Portland cement, fine and coarse aggregates for concrete; lumber for concrete forms, bridge stringers and floors; steel reinforcement bars for concrete; concrete pipe, concrete culvert pipes and flumes; fence posts and barbed wire fencing. All bids must be in writing and mailed in sealed envelopes to Wm. H. Green, Engineer of the District, at Biggs, Butte County, or in care of George F. Jones, Oroville, and the Board reserves the right to reject all bids.

DRAINAGE DISTRICT NO. 296 OF BUTTE COUNTY.

By G. A. LATTEMORE, President.
By Charles Bloom, Secretary.

NOTICE TO CONTRACTORS

(McKinley School Addition)

Notice is hereby given that the Board of Education, Bakersfield City School District, City Hall, Bakersfield, Calif., will receive sealed bids, up to 7 p. m., of October 26th, 1922, for the erection and completion of a two-room brick and frame addition to the McKinley School Building, Bakersfield, Calif., in accordance with plans and specifications for same on file with the Clerk of said Board and open for the inspection of bidders. Copies of said plans and specifications may be had at the office of Charles H. Biggar, architect, Bank of Italy Bldg., Bakersfield, and the work will be done under his supervision. Each bid must be accompanied by a certified check for at least ten per cent of the amount of seventy-five per cent of the contract price. The Board reserves the right to reject any or all bids or to waive any informality in any bid received. The work is for the construction of one room only, is also desired.

By order of the Board of Education, Bakersfield City School District, September 28, 1922.

HARRIET R. PEACOCK,
President.
E. P. LONG, Clerk,

**EXCAVATION AND FOUNDATION
BIDS WANTED**

(Excavation & Foundation Work)
Notice is hereby given that the Trustees of Reno School District No. Ten, Washoe County, Nevada, will receive sealed bids for the labor and material required for the excavation and foundation of the Junior High School building to be erected on the site commonly known as the Nevada Hotel property. Plans and specifications for this labor and material can be had at the office of George A. Ferris and Son, Architects, at the Colonial Building on West Street, Reno, Nevada.

All bids for such labor and material must be so endorsed upon the envelope and must be sealed and addressed to Theo. W. Clark, Clerk of said Board at school Trustees, and be in his possession on or before 5:00 o'clock p. m., Saturday, October 7th, 1922. Each bid must be accompanied by a certified check to the amount of ten per cent of the bid presented, said check payable to the Board of Trustees of Reno School District No. Ten. Said Trustees reserve the right to reject any or all bids.

BOARD OF TRUSTEES, RENO
SCHOOL DISTRICT NO. 10.
By Robert M. Price, President
Theo. W. Clark, Clerk

NOTICE TO CONTRACTORS

(Dormitory and Hospital Additions,
Estimated Cost \$65,000)

Office of the Clerk of the Board of Supervisors, Alameda County, California.

Sealed bids will be received by the Clerk of the Board of Supervisors at Alameda County, at his office, until Monday, October 23, 1922, at 10 o'clock a. m. (the day when said bids will be opened and the contract awarded) for the construction of a two-story frame dormitory and also for alterations and additions to certain existing buildings at the County Hospital, near San Leandro, Alameda County, California.

Complete plans and specifications for work on file in the office of the County Clerk in the Hall of Records Building in Oakland, where copies may be obtained by depositing twenty-five dollars. Contracts will be restricted as to the length of time these plans may be retained to ten days. Contractors failing to return said plans and specifications within said time limit will forfeit their deposit.

Each bid must be accompanied by a check for at least ten per cent of the amount of the bid or proposal, to be paid to by some responsible bank, and payable to Geo. E. Gross, Clerk of the Board, to be forfeited to the County of Alameda as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after it award or to give the bond required

by the Board for the faithful performance of the contract.

The Board reserves the right to reject any or all bids.
(SEAL) GEO. E. GROSS,
Clerk of the Board of Supervisors of the County of Alameda.
Dated: September 25, 1922.

NOTICE TO CONTRACTORS

(Dwelling House, Water Supply and
Sewage Disposal System)

The Yuba Development Company will receive bids at its office, 1213 Hobart Building, San Francisco, California, on or before 10:30 a. m., October 5th, 1922, for the construction of three (3) four-room and one (1) five-room bungalow houses, together with the necessary water supply and sewage disposal system, all complete in every detail for its Bullards Park Project near Bullards Bar on the North Yuba River, about forty (40) miles northeast of Marysville, California.

Plans and specifications may be obtained from the Company's Engineer, Mr. Geo. D. Ray, at the site of the work, or at the Company's offices in San Francisco.

Surety Bonds will be required in amount of seventy-five per cent (75%) of the Contract price. The work must be completed within sixty (60) days from date of contract.

Only responsible Contractors are invited to bid for the work, and the Company reserves the right to reject any or all bids or any part of another as it may choose.

**NOTICE INVITING SEALED PROPOSALS
FOR THE CONSTRUCTION
OF A HIGH SCHOOL BUILDING AT
MONTEREY**

Notice is hereby given by the Board of Trustees of the Monterey Union High School District, at Monterey, California, that sealed bids will be received by said Board for the erection and construction of a new High School Building at Monterey, in said District, in accordance with the plans and specification adopted by said Board of Trustees on the 13th day of September, 1922 and now on file in the office of the Clerk of said Board of Trustees.

Plans and specifications may be obtained from the Clerk of the Board or from the Architects, Norman R. Coulter at 46 Kearny Street, San Francisco, Cal. or Marshall A. Deane, 162 Pacific Avenue, Pacific Grove, Cal. A deposit of Ten Dollars (\$10) will be required for each set of plans.

All bids will be opened by the said Board of Trustees on the 7th day of October, 1922, at 1:30 o'clock p. m., at the Monterey Union High School building, Monterey, California, and all bids must be delivered to Mr. James McIntosh, Clerk of said Board, before that hour, enclosed in sealed envelope, and

marked on the outside, Bids for construction of High School Building at Monterey.

All bids must be accompanied by a certified check, cash or a certificate of deposit equal to Ten (10 per cent of the amount bid; checks or certificates of deposit to be made payable to the Board of Trustees and to be returned to the party or parties whose bid or bids are not accepted, and to the party whose bid is accepted, upon his entering into a Contract with the said School District and giving such bonds as may be required by Law or by said Board.

The Board of Trustees reserves the right to reject any and all bids.

JAMES MCINTOSH
Clerk of the Board of Trustees of the Monterey Union High School District, Monterey, California.

NOTICE TO CONTRACTORS

(Library Building Covering)

The Library Board of the City of Palo Alto, Santa Clara County, California, will receive sealed proposals until 7:30 o'clock p. m., October 5, 1922, at the present Library building, corner of Hamilton Avenue and Bryant Street, Palo Alto, California, at which time and place said bids will be opened and read in public for furnishing the required labor and materials for covering the main floor of the present and new building with linoleum or cork carpet in accordance with plans and specifications therefor by Birge M. Clark, architect.

Cashier's or certified check for bidder's bid for amount not less than five per cent of amount of bid shall accompany each proposal, drawn payable to the order of Willis C. Thoits, president of the Library Board of the City of Palo Alto, as guarantee that the bidder will, if requested, within five days after receiving notice of the acceptance of bid enter into a contract with said Library Board in accordance therewith and furnish the required bond. Said check or bond to be forfeited to the Library Board should the bidder fail to execute contract and bonds as above mentioned.

Plans and specifications for all of the above work may be seen at the office of Birge M. Clark, architect, 600 Embarcadero Road, Palo Alto, California, or may be obtained upon the deposit of \$10, which deposit will be refunded to the bidder when plans and specifications are returned in good condition.

The said Library Board reserves the right to reject any and all bids and waive any informality in any bid received.

By order of the Library Board of the City of Palo Alto.

By WILLIS C. THOITS, President.
September 19, 1922.

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Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for \$4.00

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Engineering News Section

BRIDGES, DAMS & HARBOR WORK

CALISTOGA, Napa Co., Cal.—Until Oct. 6, 8 p. m. bids will be rec. by J. G. Finch, town clerk, to const. const. foundations and abutments under the north and center piers of Lincoln avenue bridge. Plans on file in office of clerk.

SAN FRANCISCO—Word has been received by State Fish and Game Commission from Federal Power Commission that application of Electric Metals Co., for permit to const. two large dams at forks of the Salmon, a tributary of the Klamath river, has been temporarily denied. No action will be taken until State Water Commission has acted on application for water rights. The State Fish and Game Commission is against granting the application.

SACRAMENTO, Cal.—Jenkins and Elton, 3559 Y. St., Sacramento, at \$2842, awarded contract by supervisors to construct wood trestle over Carson creek on Milgate Ranch about 10 miles south of Folsom. Valley Const. Co., bid \$3318.

MARTINEZ, Contra Costa Co., Cal.—The Rodeo Vallejo Ferry Co., Aven J. Hanford, President, has filed application with the county supervisors for permission to construct a toll bridge across the Carquinez Straits from a point near Valona in Contra Costa Co. to a point east of Morrow Cove in Solano county. Will be 3150 ft. long, 30 ft. wide, and not less than 135 ft. over the mean level of high tide. Oscar H. Klatt is secretary of the Rodeo Vallejo Ferry Co.

Application also filed with supervisors by San Francisco Transit Co., Otto G. Freyermuth, president, to construct toll bridge over Carquinez Straits; structure to be of the suspension type, 3000 ft. long, will have a central span 1500 ft. between centers of piers with steel trestle to the south approach of the bridge of 400 ft.; will be 135 ft. high above mean high water; clearance at the ends of approaches of the bridge above mean high water 126 ft.; towers 70 ft. in width and 300 ft. in height above the tops of the piers at water level; road bed of bridge to be 30 ft. in width and of reinforced concrete; bridge to be constructed to carry foot, horse drawn, self propelled vehicular traffic; road bed approaches to be made to main or county highways at the most convenient grade and length.

SANTA ROSA, Sonoma Co., Cal.—Until Oct. 11, 1:30 p. m. bids will be received by W. Felt, Jr., county clerk, to const. bridge n. Valley Ford-Freestone highway at Station 18, plus 50 in 5th Supervising District. Project involves 50 cu. yds. class B concrete; 6700 lb. b. m. timber; est. cost \$3100. R. Press Smith, county surv.

SAN DIEGO, Cal.—Until 11 a. m. Oct. 21, bids will be received at U. S. engineer office, 725 Central Bldg., Los Angeles, for dredging at San Diego harbor. The area to be dredged is northwest of the municipal pier at foot of Broadway and averages about 450 ft. in width, extending west from the U. S. pierhead line about 1100 ft. Area is to be dredged 32 ft. deep below mean low tide and about 267,000 cu. yds. of material is involved; allowable over-dredging estimated at 13,000 cu. yds., place measurement material may be deposited at sea or on tidelands. Amount available for work, \$151,000.

LOS ANGELES, Cal.—All bids rec. by county supervisors, Sept. 25, for excav. and removal of approx. 160,000 cu. yds. of earth retrenching in the old control channel bet. the bridge on Anaheim St.

in the city of Long Beach and the bridge of the P. E. Ry. on its Long Beach line bet. Cota and Ceritos Stations, were rejected unopened.

NAPA, Napa Co., Cal.—Ralph E. Minchan at \$1622 awarded contract by supervisors to const. 22-ft. girder bridge on road to Foss Valley above Napa Soda Springs. Other bids: Guy Hyde Chick, \$1918; George L. Lisher, \$1949.35; Frank Bryant, \$2269.40; Harry Thorsen, \$1690.50; Frank Gaggero, \$1716.70.

MADERA, Madera Co., Cal.—Until Oct. 3, 2 p. m. bids will be rec. by supervisors to const. timber bridge over Chowchilla river, 6½ miles northeast of Raymond, on Bailey Flat Road, in 11d. Dist. 4 J. O. Rue, county surv.

PORTLAND, Ore.—Until Oct. 10, 10 a. m. bids will be rec. by District Eng. U. S. Bureau of Public Roads, 216 Post-office Bldg., to const. Dorewallip Bridge, involv. 123 cu. yds. class A, B and C conc.; 40,000 lbs. rein. steel; 353,000 lbs. structural steel and 1000 lin. ft. piling. C. H. Purcell, District Eng.

SANTA CRUZ, Santa Cruz Co., Cal.—Until October 10, 2 P. M., bids will be received by H. E. Miller, County Clerk, to construct concrete culvert on Branciforte Drive near Elch road. Dorewallip Bridge, involv. 123 cu. yds. class A, B and C conc.; 40,000 lbs. rein. steel; 353,000 lbs. structural steel and 1000 lin. ft. piling. C. H. Purcell, District Eng.

SAN FRANCISCO—Until October 11, bids will be received by the Board of Public Works to construct rock fill along the Marina Boulevard, fronting Yacht Harbor. Estimated cost, \$45,000, involving 3600 tons Class A and 13,600 tons Class B rock fill. M. M. O'Shaughnessy, City Engineer.

IRRIGATION PROJECTS

MERCED, Merced Co., Cal.—Following bids received and taken under advisement by Merced Irrigation District, R. C. Starr, chief engineer, for excavation and earthwork construction of 8.6 miles of main canal and 7.4 miles of laterals: S. F. Miller, low bidder, \$21,790.33; Byrne and Yost, \$25,979.80; Hard Bros., \$27,129.61; C. B. Chinn and Sellers \$47,153.10; J. G. Hoskins, \$32,711.96; Isbell Const. Co., \$51,786.60; J. E. Johnston, \$30,947.63.

WENATCHEE, Wash.—Improvements totaling \$85,000 will be made on canals and flumes in Wenatchee Reclamation District. Work will be started Oct. 15.

Engineers and Contractors PLEASE NOTE

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KLAMATH FALLS, Ore.—Following bids rec. by U. S. Reclamation Service to const. 11 miles of main canal for the Langell Valley division:
W. D. Miller, Klamath Falls, Ore., \$75,472 (all schedules).

J. W. Sweeney, Portland, Ore., \$92,095 (all schedules).

Campbell & Gale, Llorella, Ore. (partial bid), \$36,300 (1 schedule).

S. Rodin & Co., Bonanza, Ore. (partial bid), \$6035 (2 schedules).

J. A. Madrox & T. H. Lynch (partial bid), \$31,780 (1 schedule).

Oliver Martin, Morrill, Ore. (partial bid), \$24,231 (2 schedules).

Cassey & Elder (partial bid), \$1606 (1 schedule).

E. Prepost (partial bid) \$3654 (1 schedule).

H. F. Kamarad, Malin, Ore. (partial bid), \$21,374 (1 schedule).

J. H. Tickner, Langell's Valley, Ore. (partial bid), \$5448 (1 schedule).

Cecil E. Conley & J. G. Conley, Llorella, Ore. (partial bid), \$4010 (1 schedule).

J. C. Walker, Llorella, Ore. (partial bid), \$2870 (1 schedule).

All bids sent to the director, U. S. reclamation service, Washington, for award or rejection.

EL CENTRO, Cal.—Until 10 a. m. Oct. 10, bids will be rec. by directors of Imperial Irrigation Dist. for constructing main drain outlets of the proposed drainage works of the dist. Plans and spec. on file at the office of the board, Masonic Bldg., El Centro, or at office of chief engineer of the dist., Calexico. Cert. chk. 10%. F. H. McIver, secy.

California—The Federal Power Commission has granted permit to California-Oregon Power Co. covering project on Klamath River near northern border of state which is planned to produce 120,000 horsepower, also to the Little Rock Power and Water Co. to proceed with the development of Little Rock in Southern California to produce 2300 horse power. The commission also issued permits covering an extension project by the Sawtooth Power Company on the Kruzakama river, and one by the Willow Creek Mines on Craigie creek, both in Alaska.

LIVE OAK, Sutter Co., Cal.—Ross Construction Co. Forum Bldg., Sacramento, at approx. \$150,000 awarded contract by Morrison Slough District No. 2056. Live Oak, to const. drainage system. District is located in both Sutter and Butte counties. Directors are: R. E. Johnson, president; L. E. Wilson and W. P. Harkey.

BIGGS, Butte Co., Cal.—Until Oct. 3, 2 p. m. bids will be received by Chas. Bloom, sec. Drainage District No. 200 of Butte County, for furn. and del. Portland cement, fine and coarse aggregates for concrete; lumber for concrete forms; bridge stringers and floors; steel reinforcement bars for concrete; concrete and iron culvert pipes and flumes; fence posts and barbed wire fencing. Wm. W. Green, Biggs, Cal., engineer for district. See call for bids under official proposal section in this issue.

LIGHTING SYSTEMS

MODESTO, Stanislaus Co., Cal.—Directors of Modesto Irrigation District vote to postpone construction of transmission line from Don Pedro project until bonds for entire system are voted. Line will cost approx. \$300,000. Percy Jones, ch. eng. for district.

EAGLE ROCK, Cal.—So. Cal. Edison Co. has estimated cost of proposed lighting system for Eagle Rock at \$129,000, cost of current, \$1376.65 per month. Board of trustees will take up matter at next meeting.

MACHINERY

GRANTS PASS, Ore.—DeLaval Steam Turbine Co., Seattle, at \$7570, awarded contract by Grants Pass Irrigation District to install two pumping units for Sand Creek and Allen Creek units of system. Jerome H. Fertig is project engineer.

RIPON, San Joaquin Co., Cal.—The Standard Oil Co. will construct at \$25,000 distributing station. Three storage tanks are included in the project.

CORCORAN, Kings Co., Cal.—Until Oct. 2, 3 p. m., bids will be received by G. O. Amiry, city clerk, to lay pipe line and dig trench in Clifton Ave., and the alley bet. Whitley and Jepsen Aves.; approx. 2425 ft. trench, 36-in. deep and 24-in. wide; replace paving with 8-in. concrete. Cert. check 10% payable to city clerk reg. Spec. may be had from clerk.

LOS ANGELES, Cal.—Until 10 A. M., October 6, bids will be received by the Harbor Commission, 312 Byrne Bldg., 3rd and Broadway, for 100-ton truck scales. Specifications No. 372. Guy W. Ward, Secretary.

R & E

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 16, 11 a. m., bids will be received by Henry A. Pfister, county clerk, for fur. and del. one or more 30 h. p. Best track layer tractors, 2 speeds forward, one reverse truck rollers, track links and pins to be drop forged heat treated; provision for street plates on tracks if desired, full set operating tools.

Separate bids, same date, for fur. and del. one or more 60 h. p. Cruiser type Best Track layer, tractors, 3 speeds forward, one reverse truck roller, track link and pins, to be drop forged heat treated drawbars, front and rear, both vision and street plates on tracks if desired; full set of operating tools. See call for bids under official proposal section in this issue.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 10, 7:30 p. m., bids will be received by Walter L. Bachrodt, sec. Board of Education, for fur. and del. both street and utility oil. Spec. may be had from secretary.

LOS ANGELES, Cal.—Until 3 p. m., Oct. 2, bids will be received by Public Service Com. 207 S. Bdw., for water meter. Spec. 624-A. Jas. P. Vroman, secy.

LOS ANGELES, Cal.—Until 3 p. m., Oct. 3, bids will be received by Public Service Com. 207 S. Bdw., for gate valves. Spec. 624. Jas. P. Vroman, secy.

LOS ANGELES, Cal.—Until 3 a. m., Oct. 11, bids will be received by City Engineer Agt. Thos.UGHTON, 202 N. City hall annex, for 2 1/2-in. fire hose. Spec. No. 527. Cert. chk. or bond 10%.

LOS ANGELES, Cal.—Until 3 p. m., Oct. 1, bids will be received by Public Service Com. 207 S. Bdw., for gate valves. Spec. 624. Jas. P. Vroman, secy.

RED BLUFF, Tehama Co., Cal.—Until Oct. 2, 7:30 p. m., bids will be received by E. F. Lennon, city clerk, for fur. light delivery truck for use of water department.

SOUTH PASADENA, Cal.—U. S. Cast Iron Pipe and Foundry Co. awarded contract, at approx. \$12,000, for fur. 4000 ft. 4-in., 3500 ft. 4-in., 1000 ft. 6-in., 3500 ft. 8-in., 1650 ft. 10-in. cast pipe with fittings.

RED BLUFF, Tehama Co., Cal.—City trustees conferring with Gamewell Fire Alarm Co., with view to improving and extending fire alarm system.

RAILROADS

SAN DIEGO, Cal.—San Diego Electric Ry. plans to expend one million dollars this year in construction work, including entire new roadbed, rails, and paving on Market St., bet. 6th and 16th Sts. the reconstruction of the 16th St. line bet. Logan and National Aves., and re-

construction of the University Ave. and Adams Ave. lines

SEATTLE, Wash.—Until Sept. 29, 10:30 a. m., bids will be received by Alaskan Engineering Commission, Bell Francisco offices of Commission, 306 St. Terminal, for fur. and del. 70-in. rail and fittings, under Circular No. 591, copies of which may be had from San Customhouse.

MARYSVILLE, Yuba Co., Cal.—A rumor that the Western Pacific Railroad Company, new owners of the Sacramento Northern Railroad, contemplates extension of the latter road to the foot hill section in Yuba county to feed an acreage estimated at 200,000 acres is denied by C. M. Levey of the Western Pacific. According to the rumor the branch would extend from Marysville to Oroville and Hammon, accommodating the big gold dredging industry of those places, thence to Brown's Valley, Stone House, Bangor, Maryadette and Oroville.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

CALIFORNIA—Ross Const. Co., Los Angeles, \$216,507 awarded contract by State Highway Com. grade 8.4 miles of the Los Angeles-Napa county bet. 3 miles south of North boundary and 1 1/2 miles west of Calistoga. State fur. materials, \$15,244.

SAN LUIS OBISPO, Cal.—Until Oct. 2, bids will be received by county supervisors for surfacing part of the Tempe-ton-Willow Creek Rd.

SAN LUIS OBISPO, Cal.—Jones & Walters, Arroyo Grande, awarded contract by county supervisors at 90 cc. yd. for surfacing a portion of the Arroyo Grande Rd. Other bids were: W. L. Reynolds, Hollister, \$110; J. L. Conners Nipomo, \$125.

ALHAMBRA, Cal.—Engineering forces will be able to start actual constr. of the new sewer system within six weeks. An ordinance of intention will be presented to the commission at its next meeting and will include the district north of Alhambra Rd., west of Garfield St. Plans and surveys for the entire city are under way. The cost will be distributed equitably, every lot not already connected with trunk line sewer, to be charged its proportion. The work is being done under joint supervision of city commission City Manager Grant Lorraine, and an advisory board.

ANAHEIM, Cal.—Engrs. for the combined Santa Ana, Anaheim and Fullerton sewer will have plans completed within a few days, and bids will be called for. Funds for the work are in the hands of the treasurers of the cities participating.

ONTARIO, Cal.—Otto C. Roen, suit of streets, preparing spec. for sewers to serve the dist. bet. Fourth and G Sts., and Vine and Euclid Sts. and for Cherry Ave.

MERCED, Merced Co., Cal.—Supervisors authorize purchase of road grader for District No. 4, cost not to exceed \$1440. G. E. Winton, county surveyor.

SAN FRANCISCO.—Until Oct. 2, 11 a. m., bids will be received under Order No. 3981/S P.10, by U. S. Engineer Office, Montgomery St., for fur. and del. Rio Vista, Solano county: miscellaneous castings and ventilating pipe for boiler room. Further information on request to above office.

SAN FRANCISCO.—City Eng. M. M. O'Shaughnessy completes spec. for following street work: Silliman St. between Gotteingen and Somerset, set. cost \$575, involv. 3183 sq. ft. art. stone walks.

Crossing Mississippi and 19th Sts., set cost \$1730, involv. resetting 90 lin. ft. granite curb; reset 3 br. catchbasins; place 4630 sq. ft. asphalt. conc. pavement and 1000 sq. ft. art. stone. ft. curb. Ocean Ave. bet. Delano and Mission; Mission bet. Ocean and Santa Ynez; Otsego bet. Santa Ynez and Ocean and

San Jose bet. Santa Ynez and Ocean, est. cost \$6070, involv. 33,723 sq. ft. art. stone walks.

OAKLAND, Cal.—Until Oct. 5, 12 m., bids will be received by E. K. Sturtevant, city clerk, to improve 101st ave. from E-11th to Sunnyside St., by grading; paving with oil macadam; conc. curbs, gutters and walks; 4 wood culverts. 1911 Act W. W. Harmon, city eng.

SAN ANSELMO, Marin Co., Cal.—Rosen and Colletti, San Rafael, at \$33,980 awarded contract by Sanitary District No. 1, Marin County, to construct sewage treatment tanks, pump house, chlorination house, sludge beds and outfall sewer line to Corte Madera. C. C. Kennedy, Call Bldg., San Francisco, engineer.

SACRAMENTO, Cal.—General Construction Co., Sharon Bldg., San Francisco, at \$19,330 submits low bid to supervisors to extend north one mile Byrne and Yost bid \$25,162. Taken under advisement until Oct. 2. Chas. Bederling, county surv.

General Const. Co., low bidder at \$21,830, to construct conc. highway beg. at present highway on Lower Stockton road in Sec. 5, Twp. 7 N., Range 5 E. M. ft. 8 M., to extend north one mile Byrne and Yost bid \$25,162. Taken under advisement until Oct. 2. Chas. Bederling, county surv.

MARYSVILLE, Yuba Co., Cal.—No bids received by supervisors to grade a portion and gravel all of approx. 3 1/2 miles of Woodruff and La Porte roads, about 5 miles northeast of Marysville. Bids have been received by county clerk and Leslie E. Crook, county surv.

WOODLAND, Yolo Co., Cal.—Until Oct. 16, 10 a. m., bids will be received by H. I. Saunders, county clerk, to pave Esparto bridge, involv. 12,000 sq. ft. 1 1/2-in. Topeka wearing surface. Asa Proctor, county surv.

DELANO, Kern Co., Cal.—Stroud Bros. Bakersfield, awarded contr. at about \$119,000 for constructing San. sewer system and storm sewer for city of Delano, involv. 1 reinf. conc. settling tank; 2 surge beds; 90 ft. conc. settling tank; 8-in. basins, 2 flush tanks; 138 manholes, 21 drop manholes, 47 lampholes; 2478 ft. 24-in., 434 ft. 18-in., 18,227 ft. 15-in., 953 ft. 12-in., 961 ft. 10-in., 85,778 ft. 8-in. pipe and conc. pipe, 289 15x6 in., 160 12x6 in., 178 10x6 in., and 211 8x6 in. wyres. California Glazed Cem. Pipe Co., of Los Angeles, will furnish the pipe. John S. Rad, sec. 628 Lowell bldg., Fresno, engr. Work to be done under 1911 imp. Act and 1915 Bond Act.

HOLBROOK, Ariz.—C. P. Richards, St. Joseph, Ariz., was low bidder at \$43,141.60 for constructing 10,661 miles state highway on the Holbrook-St. Johns Highway, federal aid project No. 32. State furnishes material est. to cost \$232,80. Other bids were: Geo. Winsor and Leo Frost, St. Joseph, \$37,291.74; E. J. Whiting, John H. Udall, Albert Brown, Gilbert Duall, St. Johns, \$37,724.61; Turner Bros., St. Joseph, \$41,107.11. T. Willis, Snowflake, \$41,803.65; Cashion & Caldwell Co. Phoenix \$45,194.21.

GLENDALE, Cal.—Peter L. Ferry, 614 E. Archdale Ave., was the low bidder at \$10,073 to improve Pacific Ave., 1291 lin. ft. grading 45c; 4947 sq. ft. gutter 22c; 44,176 sq. ft. macadam 10c; 1320 ft. curb, 48c; 6603 sq. ft. walk, 17c; 1306 sq. ft. 8-in. and 197 ft. 4-in. c. l. pipe, \$300c.

SANTA ANA, Cal.—Supervisors adopt resolution of intention to improve Prospect Ave., bet. Chapman and Walnut Aves., by paving with 8-in. cem. conc. including grading, 20 ft. wide.

OAKLAND, Cal.—Until Oct. 5, 4:30 p. m., bids will be received by John W. Edgemon, secy., Board of Education, 211 City Hall, to const. storm sewer at Alexander Junior High School at 35th Ave. and Galindo street. Spec. may be had from Chief of Construction, Board of Education, Chabot Hall, 11th and Jefferson Sts. Cert. check 10% payable to secy. Board of Education required with each bid.

Spec. completed to improve Key A from Jennings St. easterly, est. cost \$7800. Invol. 1909 cu. yds. cut; 169 cu. yds. fill; 650 lin. ft. conc. curbs; 11.3 sq. ft. asph. conc. pavement; 1 concrete runway and 5850 sq. ft. art. stone walks.

The Foreign Trade Department of the San Francisco Chamber of Commerce has particulars from Manzanilli, Mex. from producers of white oak timber who require a market for the material in San Francisco. A sample is on file with the Chamber who will furnish further particulars on request. Refer to File No. 6300, Manzanillo, Mex.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am't
3521	Mont-Eten	Owner	2000
3522	Williams	Owner	8000
3523	Clark	Rintoul	1600
3524	Dellemonite	Owner	3000
3525	R. C. Archbishop	Grace	151000
3526	Kierman	Owner	250000
3527	Giovannetti	Cuneo	3000
3528	Wehl	Black	1000
3529	Feerick	Owner	4000
3530	Smidt	Michel	1000
3531	Hawkins	Pay	—
3532	Stewart	Monson	446500
3533	Meyerstein	Pay	—
3534	Wood	Thorup	4000
3535	Landini	Owner	4000
3536	Mannheim	Nyman	4500
3537	Roe	Ward	1000
3538	Gartland	Stroth	1800
3539	R. C. Archbishop	Grace	151500
3540	Galliani	Brueck	4500
3541	Sandy	Owner	6000
3542	Laiser	Owner	8000
3543	Johnson	Owner	20000
3544	Brown	Owner	3000
3545	Levin	Muller	2860
3546	Meyer	Owner	61400
3547	Crocker	Samuelson	14000
3548	Kahn	Macdonald	18000
3549	Union	Owner	2000
3550	Campbell	Thomas	6000
3551	Pleasanton	Martin	1000
3552	Wallace	Owner	14000
3553	Nicholson	Muichay	4500
3554	McGraw	Andersen	8000
3555	Wright	Owner	8000
3556	Hiller	Owner	8000
3557	Maurer	Salomon	3000
3558	Nelson	Owner	4000
3559	Nelson	Owner	3000
3560	Nelson	Owner	4000
3561	Nelson	Owner	12000
3562	Nelson	Nelson	12000
3563	Payne	Nelson	4000
3564	Smith	Clinton	388,975
3565	Schnier	Meyer	4000
3566	Gray	Meyer	4000
3567	Thompson	Meyer	4400
3568	California	L & L	9986
3569	Hunter	Coburn	2500
3570	Gaba	Leigh	4000
3571	Christensen	Lee	12000
3572	Stevens	O'Neil	4000
3573	Chausen	Owner	8000
3574	Fisher	Owner	8000
3575	Ghizzazza	Owner	3500
3576	Baker	Owner	2000
3577	Henningsa	Owner	8000
3578	Lyon	Knowles	225000
3579	Anderson	Owner	2000
3580	Ferry	Owner	2000
3581	Skerl	Owner	5500
3582	Anderson	Owner	2000
3583	Same	Same	2000
3584	Garin	Owner	8000
3585	Sawtelle	Kincaid	36650
3586	Madden	McComick	8900
3587	Soo Yuen	Bayliss	54650
3588	Gartland	Stroth	1800
3589	Vinghusien	Merritt	3000
3590	Struggins	Owner	50000
3591	Wienawski	Merritt	1700
3592	Liebman	Owner	7000
3593	Brumfield	Forbes	11000
3594	Strand	Owner	12000
3595	Petersen	Owner	2000
3596	Sullivan	Swenson	5000
3597	Bin	Owner	1800
3598	Noreia	Carnado	4000
3599	McPartland	Owner	3000
3600	Porta	Harder	16212

3601	Hunt	Mangels	11500
3602	Westenberg	Warden	5470
3603	Austin	Arnott	2525

ADDITIONS

(3521) NO. 3850 ARMY. Minor additions and general alterations to flats.

Owner—O. W. Mont-Eten, Premises.
Architect—None. \$2000

FRAME FLATS

(3522) S CORNWALL 62 W Fifth Ave. Two-story and basement frame (4) flats.

Owner—Geo. A. Williams, 105 Montgomery St., San Francisco.
Architect—None. \$8000

ADDITIONS

(3523) NO. 509 CONNECTICUT ST. Minor additions and alterations to dwelling.

Owner—Fred Clark, 509 Connecticut St., San Francisco.
Architect—None.
Contractor—Rintoul & Nelson, 522 Connecticut St., S. F. \$1690

DWELLING

(3524) W CAPITOL AVE 175 S De Montford. One-story and basement frame dwelling.
Owner—Jos. Dellemonite, 1134 Capitol Ave., San Francisco.
Architect—None. \$3000

CHURCH, LTC.

(3525) N FILBERT 137-6 E Powell. Steel frame and reinforced concrete church and school and altering present school.
Owner—The Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Charles Fantoni, 550 Montgomery St., San Francisco.
Contractor—Grace & Bernier, 703 Market St., S. F. \$151,000

APARTMENTS

(3526) N GEARY 68-9 W Taylor. Six story and basement reinforced concrete and steel frame (66) apartments.
Owner—Kierman & O'Brien, Room 711, 110 Sutter St., San Francisco.
Architect—Albert W. Burgren, 110 Sutter St., S. F. \$225,000

DWELLING

(3527) N HEARST AVE 250 E Edna. One-story and basement frame dwelling.
Owner—A. Giovannetti, 401 Detroit St., San Francisco.
Architect—J. P. Cuneo, 5079 Mission St., San Francisco.
Contractor—J. P. Cuneo, 5079 Mission St., San Francisco. \$3000

ADDITION

(3528) NO. 246 TWENTY-EIGHTH AVE. Add one room to dwelling.
Owner—Hazel C. Wehl, Premises.
Architect—None.
Contractor—W. J. Black, 1306 Guerrero St., San Francisco. \$1000

DWELLING

(3529) E TWENTY-THIRD AVE 75 N Fulton. Two-story and basement frame dwelling.
Owner—Bryan Feerick, 253 Downey St., San Francisco.
Plans by Owner. \$4000

STATION

(3530) SE TWELFTH AND FOLSOM. One-story gasoline supply station.
Owner—H. C. Smidt.
Architect—None.
Contractor—Michel & Pfeiffer iron Works, 1415 Harrison St., San Francisco. \$1000

GRADING, ETC.

(3531) LAGUNA HONDA BLVD. VASquez and Hernandez Aves. All work for asphaltic concrete pavement and grading.
Owner—C. A. Hawkins.
Engineers—Funnelt & Farez, 333 Kearny St., San Francisco.
Contractor—The Fay Improvement Co., Phelan Bldg., San Francisco.
Filed Sept. 22, '22. Dated Sept. 18, '22.
On completion 75%
Usual 35 days Balance
TOTAL COST—Grading, 70¢ per cu. yd.; paving, 20¢ per sq. ft.; curb 97¢ per lin. ft.; sidewalks, 16 2/10¢ per sq. ft.
Bond, none. Limit, 60 days. Forfeit, none. Specifications only filed.

(3532) NE WASHINGTON & GOUGH N 135-4 1/2 x E 130. All work for 8-story and basement apartments.
Owner—Jos L. Stewart, Claus Spreckels Bldg., San Francisco.
Architect—Jos. L. Stewart, Claus Spreckels Bldg., S. F.
Contractor—Monson Bros., 251 Kearny St., San Francisco.
Filed Sept. 22, '22. Dated Sept. 21, '22.
On 16th of October and at intervals of 3 weeks thereafter 90% of work done and material furnished 10%
Usual 35 days Balance
TOTAL COST \$446,500
Bond, none. Limit, 10 months. Forfeit, none. Plans and specifications filed.

PAVEMENT, ETC.

(3533) ON LAGUNA HONDA BLVD. Vasquez, Hernandez and Idora Aves. All work for asphaltic pavement, curb, sidewalks, etc.
Owner—Alfred L. Meyerstein, 485 California St., San Francisco.
Engineers—Funnelt & Farez, 333 Kearny St., San Francisco.
Contractor—The Fay Improvement Co., Phelan Bldg., San Francisco.
Filed Sept. 22, '22. Dated Sept. 18, '22.
Monthly payments of 75%
Usual 35 days Balance
TOTAL COST—Grading, 70¢ per cu. yd.; pavement, 20¢ per sq. ft.; curb, 97¢ per lin. ft.; sidewalk, 16 2/10¢ per sq. ft.
Bond, none. Limit, 60 days. Forfeit, plans and specifications, none.

DWELLING

(3534) N CABRILLO 50 E Twenty-first Ave. One-story and basement frame dwelling.
Owner—S. A. Wood, 53 Presidio Ave., San Francisco.
Designer—J. H. Thorup, 654 21st Ave., San Francisco.
Contractor—J. H. Thorup, 654 21st Ave., San Francisco. \$4000

DWELLING

(3535) S HILL 85 W Valencia. One-story and basement frame dwelling.
Owner—James F. Landini, 271 Fair Oaks St., San Francisco.
Architect—None. \$4000

DWELLING

(3526) NW LADLEY & MIGUEL STS.
Two-story and basement frame dwelling.
Owner—Mrs. E. Manheim, 2314 Humboldt St., San Francisco
Architect—None.
Contractor—C. Nyman, 413 Bartlett St., San Francisco. \$4500

ADDITION

(3537) NO. 243 LINCOLN WAY. Addition of one room to dwelling.
Owner—George Roe, Premises.
Architect—None.
Contractor—Ward & Jones, 130 Jessie St., San Francisco. \$1000

ALTERATIONS

(3538) NO. 3974 SACRAMENTO. Remodel dwelling into (2) flats.
Owner—Mrs. E. Gartland, Premises.
Architect—None.
Contractor—E. C. Stroth, 469 14th St., San Francisco. \$1800

ALTERATIONS, ETC.

(3539) N. ELBERT 137-6 E Powell. Excavation, foundations, etc., alteration work, reconstruction work, carpentry, rough and finish hardware for church and school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Chas. Fantoni, 550 Montgomery St., San Francisco.
Contractor—Grace & Bernier, Claus Spreckels Bldg., San Francisco.
Filed Sept. 23, '22. Dated Sept. 21, '22.
On list of each month..... 75¢
Usual 15 days..... 25¢
TOTAL COST, \$151,500
Bond, \$75,750. Surety, Fidelity & Casualty Co. of New York. Limit, 160 days. Forfeit, none. Plans and specifications filed.

RESIDENCE

(3540) N. FAXON AVE 101 N Ocean Ave. being Lot 4 Bk 3191 Westwood Park. All work for five-room residence.
Owner—A. Galliani.
Architect—None.
Contractor—Michael Brueck, 600 Charter Oak Ave., San Francisco.
Filed Sept. 23, '22. Dated Sept. 12, '22.
Roof on..... \$1125
Brown coated..... 1125
Accepted..... 1125
Usual 15 days..... 1125
TOTAL COST, \$4500
Bond, none. Limit, 95 days. Forfeit, none. Plans and specifications filed.

RESIDENCE

(3541) E CLAREMONT BLVD. 170 S Dorchester. Two-story and basement frame residence.
Owner—Hugh Sandys, % Architect.
Architect—Wm. Gunnison, 1666 Golden Gate Ave., S. F. \$6000

FRAME FLATS

(3542) S CARBILLO 82-6 E -12th Ave. Two-story and basement frame (2) flats.
Owner—S. Larsen, 360 Prospect Ave., San Francisco.
Architect—None. \$8000

APARTMENTS

(3543) SE GREENWICH AND FOLK. Three-story and basement frame (12) apartments.
Owner—Axel A. Johnson, 632 Belvedere St., San Francisco.
Architect—None. \$20,000

DWELLING

(3544) R HARRISON 156 S Twenty-fourth. One-story and basement frame dwelling.
Owner—Vard C. Brown, 2945 Harrison St., San Francisco.
Architect—None. \$3000

ALTERATIONS

(3545) NO. 884 MARKET. Remodel store front; change location of freight elevator.
Owner—A. J. Levin, Premises.
Architect—None.
Contractor—Muller & Petersen, 243 7th St., San Francisco. \$3960

APARTMENTS

(3546) SE STOCKTON AND PINE. Four-story and basement reinforced concrete apartments.
Owner—S. T. Meyer, 2026 California St., San Francisco.
Architect—Herman Barth, 938 Phelan Bldg., San Francisco. \$64,400

DWELLINGS

(3547) E VIENNA 106.98, 131.98, 156.98 and 181.98 S Amazon. Four one-story and basement frame dwlg's.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco
Architect—None.
Contractor—A. M. Samuelson, 230 Ralph St., San Francisco. \$3500 each

RESIDENCE

(3548) SW WASHINGTON & WALNUT. Three-story and basement frame residence.
Owner—Felix Kahn, 130 Montgomery St., San Francisco.
Architect—Weeks & Day, California Insurance Bldg., San Francisco.
Contractor—MacDonald & Kahn, 139 Montgomery St., S. F. \$18,000

STATION

(3549) SW FELL AND VAN NESS AVE. One-story steel auto supply station.
Owner—Union Oil of California, 217 Mills Bldg., San Francisco.
Plans by Owner. \$2000

DWELLINGS

(3550) W FOLSOM 75 and 100 S Prentiss. Two one-story and basement frame dwellings.
Owner—John Campbell, 3765 Mission St., San Francisco.
Architect—None.
Contractor—Thomas Bros., 10 Patten St., San Francisco. \$3000 each

ALTERATIONS

(3551) NO. 400 FOURTH. Alter for cranberry.
Owner—Picasanton Ranch Co., Prem.
Architect—None.
Contractor—Wm. Martin, 180 Jessie St., San Francisco. \$1000

FRAME FLATS

(3552) N GREEN 137-6 E Webster. Two-story and basement frame (2) flats.
Owner—Robt. Wallace Jr., % Architect.
Architect—O. R. Thayer, 110 Sutter St., San Francisco. \$14,000

ALTERATIONS

(3553) NE MISSION AND TWENTY-fifth. Change store fronts and entrance to flats, painting; papering, etc.
Owner—J. Michelson, 80 Post St., San Francisco.
Architect—E. E. Young, 251 Kearny St., San Francisco.
Contractor—Thos. F. Mulcahy, 180 Jessie St., San Francisco. \$4500

ALTERATIONS

(3554) NO. 2136 SUTTER. Concrete flooring; composite floor in toilets, etc., for store.
Owner—John McGaw Co., Mills Bldg., San Francisco.
Architect—None.
Contractor—J. M. Anderson, 1612 Pacific Ave., San Francisco. \$1050

DWELLINGS

(3555) N TARAVALL 24, 48, 72 and 96 E 17th Ave. Four one-story and basement frame dwellings.

Owner—J. W. Wright & Sons, Invest. Co., 228 Montgomery St., S. F.
Architect—None. \$2000 each

DWELLINGS

(3556) E FORTY-FOURTH AVE. 241 S Anza. Two 1-story and basement frame dwellings.
Owner—John Biller, 460 Montgomery St.
Architect—John H. Powers & John H. Abundis, 460 Montgomery St., S. F. \$4000 each

REPAIRS

(3557) 2808 BUSH ST. Repairs for 2 flats; T & G roofing; concrete floor in basement and yard.
Owner—Miss Maurer, 19 Welmore St.
Architect—None.
Contractor—L. Salomon, 1430 Ellis St., San Francisco. \$3000

DWELLING

(3558) N E COLON & MONTECITO. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave. City.
Architect—Chas. F. Strothoff, 2274 15th St., City. \$4000

DWELLING

(3559) W FAXON AVE. 294 S Wildwood. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave. City.
Architect—Chas. F. Strothoff, 2274 15th St., City. \$3000

DWELLING

(3560) N W GREENWOOD & HAZELWOOD Aves. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., S. F. \$4000

DWELLING

(3561) W HAZELWOOD AVE., 38-78-118-138 N Greenwood. Four 1-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$3000 ea

DWELLINGS

(3562) W HAZELWOOD 198-238-278-318 N Greenwood. Four 1-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave. City.
Architect—Chas. F. Strothoff, 2274 15th St., S. F.
Owner—Nelson Bros., 1375 Plymouth Ave. \$3000 ea

DWELLING

(3563) N E HAZELWOOD and Staples. One-story and basement frame dwelling.
Owner—J. J. Payne, 2812 Laguna St.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Nelson Bros., 1375 Plymouth Ave., S. F. \$4000

HOTEL

(3564) N SUTTER 137-6 E Jones 137-6x137-8. All work for ten-story reinforced concrete hotel building.
Owner—George D. Smith, 735 Taylor St., San Francisco.
Architect—MacDonald & Couchot, 231 Pine St., San Francisco.
Contractor—Clinton Constr. Co., 110 Townsend St., San Francisco.
Filed Sept. 26, '22. Dated Sept. 25, '22.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$388,975
Bond, \$200,000. Sureties, A. Huber Jr. and Wm. C. B. Brinken. Limit, 325 days. Forfeit, none. Plans and specifications filed.

COTTAGE

(3565) N CLIFT AVE 32-6 W Forty-fourth Ave. All work for six-room cottage.

Owner—E. Benjamin Schnier, 276 6th St. San Francisco.
Architect—None.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.

Filed Sept. 26, '22. Dated Sept. 15, '22.
Frame up \$1100
Brown coated 1100
Completed 1100
Usual 35 days 1100
TOTAL COST, \$4400

Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE

(3566) N CLIFT AVE 57-6 W Forty-fourth Ave. All work for six-room cottage.

Owner—J. Gray, 2221 Clement St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.

Filed Sept. 26, '22. Dated Sept. 15, '22.
Frame up \$1100
Brown coated 1100
Completed 1100
Usual 35 days 1100
TOTAL COST, \$4400

Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE

(3567) N CLIFT AVE 82-6 W Forty-fourth Ave. All work for six-room cottage.

Owner—C. P. Thompson, 410 24th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.

Filed Sept. 26, '22. Dated Sept. 15, '22.
Frame up \$1100
Brown coated 1100
Completed 1100
Usual 35 days 1100
TOTAL COST, \$4400

Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

TILE WORK

(3568) IN GOLDEN GATE PARK Plain and decorated tile for Steinhart Aquarium.

Owner—California Academy of Sciences
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.

Contractor—S. & S. Tile Co.
Filed Sept. 26, '22. Dated Aug. 31, '22.
On 5th of each month 75%
Usual 35 days 25%
TOTAL COST, \$9985

Bond, \$5000. Sureties, A. L. Solon and F. P. Schummel. Limit, 120 days. Forfeit, none. Plans and specifications filed.

REPAIRS

(3569) NO. 132 COMMONWEALTH AVE. Repair fire damage to two flats.

Owner—Mrs. Hunter, Premises.
Architect—None.
Contractor—Ira W. Coburn, Hearst Bldg., San Francisco. \$2500

DWELLING

(3570) E FORTIETH AVE 150 N Fulton. One-story and basement frame dwelling.

Owner—H. Gaba, 4845 California St., San Francisco.
Architect—None.

Contractor—David Leigh, 840 44th Ave., San Francisco. \$4000

APARTMENTS

(3571) S HENRY 180 E Noe. Two-story and basement frame (4) apartments.

Owner—M. Christensen.
Architect—None.
Contractor—C. M. Lee, 31 Steuart St., San Francisco. \$12,000

DWELLING

(3572) N LONDON 125 W Geneva. One-story and basement frame dwelling.

Owner—George A. Stevens, 55 Sharon St., San Francisco.
Architect—Richard R. Irvine, 507 Call Bldg., San Francisco.
Contractor—G. H. O'Neill, 55 Sharon Bldg., San Francisco. \$4000

FRAME FLATS

(3573) W NINETEENTH AVE 125 S Cabrillo. Two-story and basement frame (2) flats.

Owner—C. O. Clausen, Hearst Bldg., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. \$8000

FRAME FLATS

(3574) W NINETEENTH AVE 100 S Cabrillo. Two-story and basement frame (2) flats.

Owner—S. F. Fisher, 3647 Mission St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. \$8000

DWELLING

(3575) W PEARBODY 200 S Visitacion One-story and basement frame dwelling.

Owner—Ross Ghigliazza, 146 Talbert St., San Francisco.
Architect—None. \$3500

DWELLING

(3576) ROLPH ST. being Block 12 Lot 14. Crocker-Amazon Tract. One-story and basement frame dwlg.

Owner—R. B. Baker, 601 29th St., San Francisco.
Architect—None. \$2000

DWELLINGS

(3577) F TWENTY-FOURTH AVE 125 and 150 N Fulton. Two-story and basement frame dwellings

Owner—Nick Hemminga, 705 22d Ave., San Francisco.
Plans by Owner. \$4000 each

WAREHOUSE

(3578) W VAN NESS AVE from McAllister to Ash Ave. Eight-story and basement Class A steel frame and reinforced concrete warehouse.

Owner—Lyon Warehouse Co., 343 Broadway, Oakland.
Architect—Wm. Knowles, Hearst Bldg., San Francisco.

Contractor—Wm. Knowles, Hearst Bldg., San Francisco. \$225,000

DWELLING

(3579) N EXCELSIOR AVE 25 E Madrid One-story and basement frame dwelling.

Owner—K. Anderson and T. Johnson, 133 Beritta Ave., San Francisco.
Architect—None. \$2000

ADDITION

(3580) N FOLSOM 157-6 E Sixth. Additions and repairs to sheet metal works.

Owner—Ferry Sheet Metal Works, 980 Folsom St., San Francisco.
Architect—None. \$2000

FACTORY

(3581) W FOLSOM 55-6 S Eleventh. Two-story concrete factory.

Owner—Louis Skerl, 298 11th St., San Francisco.
Architect—None. \$5500

DWELLING

(3582) E MADRID 75 N Excelsior. One-story and basement frame dwelling.

Owner—K. Anderson and T. Johnson, 133 Beritta Ave., S. F.
Architect—None. \$2000

DWELLING

(3583) NE MADRID AND EXCELSIOR One-story and basement frame dwelling.

Owner—K. Anderson and T. Johnson, 133 Beritta Ave., San Francisco.
Architect—None. \$2000

STORE

(3584) E MISSION bet. 25th and 26th Sts. One-story frame store.

Owner—E. A. Garin, 1849 Page St., San Francisco. \$8000
Architect—None.

APARTMENTS

(3585) E TAYLOR 27-6 S Broadway S 2½x each 125. All work for frame apartment building.

Owner—Emma S. Sawtelle, 705 Shrader St., San Francisco.
Architect—Kincanon & Perego, 159 Sutter St., San Francisco.

Contractor—Kincanon & Perego, 159 Sutter St., San Francisco.

Filed Sept. 27, '22. Dated Sept. 11, '22.
\$15,000 from Bank of Italy secured by mortgage \$6000
deed of trust from Paul de Martini \$3000
Sept. 18, 1922, cash \$500
Roof on \$500
Balance, \$7150, mortgage to Kincanon & Perego \$36,650
TOTAL COST, \$36,650

Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.

FLATS

(3586) E SIXTH AVE 275 S Judah 25x 100. All work for two-story frame flat building.

Owner—Katherine Madden, 350 Capp St., San Francisco.
Architect—None.

Contractor—McCormick & Grace.
Filed Sept. 27, '22. Dated Sept. 26, '22

Frame up \$2225
Brown coated 2225
Completed 2225
Usual 35 days \$8900

Bond, \$4450. Sureties, Patrick Hannon and T. Grace. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(3587) NW GRANT AND CLAY N 57x W 65. All work for alterations and additions to four-story Class C building.

Owner—802 Yuen Benevolent Association, 802 Clay St., San Francisco.
Architect—Albert Schroepfer and Edw. G. Boiles, Nevada Bank Bldg., S. F.

Contractor—Eayliss & Sheridan, 351 Eleventh St., Oakland.

Filed Sept. 27, '22. Dated Sept. 21, '22.

Erick walls up and roof rafters \$ 5,000
on 5,000
Roof on 5,000
Brown coated 5,600
Marble floors and facing in position 5,000
Standing trim on 5,000
Completed and accepted 2,325
Usual 35 days 27,325
TOTAL COST, \$54,650

Bond, \$27,325. Surety, Royal Indemnity Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(3588) N SACRAMENTO 190 E Arguello Blvd. E 25xN 127-8½. All work for alterations and additions to dwelling.

Owner—Emma C. M. Gartland, Prem. Architect—None.
Contractor—Emil C. Stroth, 469 14th St., San Francisco.

Filed Sept. 27, '22. Dated Sept. 21, '22.

Frame work completed \$472.50
White coated 472.50
Completed and accepted 472.50
Usual 35 days 472.50
TOTAL COST, \$1890.00

Bond, \$1000. Sureties, A. W. Osborn and J. Stroth. Limit, 60 days. Forfeit none. Plans and specifications filed.

ALTERATIONS

(3589) 2838 BAKER STREET. Alterations for flats.
Owner—D. C. Vrugiusien, premises.

Architect—None.
Contractor—Geo. M. Merritt Bldg. Co.,
 Inc., 3014 Geary St. \$3000

WAREHOUSE
 (3590) NW BAY & POWELL STS.
 Three-story frame warehouse
 Owner—Simmons Co., 193 Bay St.
 Architect—None.
 Plans by owner. \$50,000

ALTERATIONS
 (3591) 3259 CLAY STREET. Altera-
 tions for residence.
 Owner—Jules Wieniawski, 3259 Clay St.
 Architect—None.
 Contractor—Geo. M. Merritt Bldg. Co.,
 Inc., 3014 Geary St. \$1700

FLATS
 (3592) W ELEVENTH AVE 125 S
 Geary. Two-story and basement
 frame (2) flats.
 Owner—Jeanette Liebman, 113 9th Ave.
 Architect—C. O. Clausen, Hearst Bldg.
 San Francisco. \$7000

SHOP
 (3593) S FOLSOM 175 E 6th. One-story
 concrete and frame shop.
 Owner—W. C. Brumfield, 18 7th St.
 Architect—None.
 Contractor—R. J. H. Forber, 1050 Mo-
 nadnock Bldg. \$11,000

FLATS
 (3594) W FOURTEENTH AVE 150 &
 175 S Clement. Two 2-story and
 basement frame (2 flats each) flat
 buildings.
 Owner—Strand and Strand, 614 Broder-
 ick St.
 Architect—None. \$6000 each

DWELLING
 (3595) E NAPLES 50 N Seville. One-
 story and basement frame dwelling
 Owner—Mamie J. Peterson, 117 Madrid
 Architect—None. \$3000

ALTERATIONS
 (3596) 420 SUTTER STREET. Install
 5 store fronts, erect plaster parti-
 tions; rearrange main entrance
 stairway to 2nd floor.
 Owner—W. Sullivan, Alexander Bldg.
 Architect—Lee J. Devlin, Pacific Bldg.
 Contractor—Swenson and Franzen, 145
 Natoma St. \$5000

DWELLING
 (3597) S SAN BRUNO bet. Thornton &
 Burrows. One-story and basement
 frame dwelling.
 Owner—A. Bin, 2665 San Bruno Ave.
 Architect—None. \$1500

DWELLING
 (3598) E THIRTY-FOURTH AVE 190
 S Cabrillo. One-story and basement
 frame dwelling.
 Owner—Frank Norcia, 1107 Alabama St.
 Architect—None.
 Contractor—L. M. Carcusio Co., 5345
 Geary St. \$4000

FLATS
 (3599) E TWENTIETH AVE 250 N
 Geary. Two-story and basement
 frame (2) flats.
 Owner—Mrs. T. Z. Levy and Mr. and
 Mrs. I. Gottheim, 3310 California St.
 Architect—R. R. Irvine, 74 New Mont-
 gomery St.
 Contractor—B. Liebman, 115 5th Ave.
 San Francisco. \$9000

FRAME FLATS
 (3599) N GARDEN 127 E Franklin.
 Two-story and basement frame
 (2) flats.
 Owner—Mrs. M. McPartland, 1363 Jack-
 son St., San Francisco.
 Architect—Ernest H. Hildebrand, 110
 Sutter St., San Francisco. \$9000
FRAME BLDG.

(3600) SW CHESTNUT AND FRANK
 BLK. All work for three-story
 frame building.
 Owner—Chas. H. and Maria Porta, 65
 Curtis St., San Francisco.
 Architect—Albert F. Porta, 622 Wash-
 ington St., San Francisco.
 Contractor—John Harber, 370 39th
 Ave., San Francisco.
 Filed Sept. 28, 1922. Dated Sept. 12, 1922
 Frame up \$4053
 Ready for plaster 4053
 Completed and accepted 4053
 Usual 35 days 1054
TOTAL COST, \$16,212
 Bond, limit, forfeit, none. Plans and
 specifications filed.

RESIDENCE
 (3601) W SANTA CLARA AVE 1803 S
 Terrace Drive 50 ft. or 1 by 101 30
 m or of Lot 13 Blk 16, St. Francis
 Wood. All work for two story
 and basement frame residence.
 Owner—Mary E. Hunt.
 Architect—Theo. W. Lenzen, Humboldt
 Bank Bldg., San Francisco.
 Contractor—Mangels Bros., 4792 Mis-
 sion St., San Francisco.
 Filed Sept. 28, 1922. Dated Sept. 27, 1922.
 Frame up \$2875
 Brown coated 2875
 Completed and accepted 2875
 Usual 35 days 2875
TOTAL COST \$11,500
 Bond, \$5750. Sureties, Dora Mangels
 and Annie L. Kehlbecker. Limit, 100
 days. Perfect, none. Plans and spec-
 ifications filed.

BUILDING
 (3602) NE HAMBURG & FLOOD AVE
 25x100. One-story and basement
 frame building.
 Owner—Mrs. H. G. Westerberg.
 Architect—J. C. Hladik, Monadnock
 Building.
 Contractor—F. Warden, 68 Concord St.
 Filed Sept. 28, 1922. Dated Sept. 18, 1922.
 Frame up \$1367.59
 Brown coated 1367.59
 Finished 1367.59
 Usual 25 days 1367.59
TOTAL COST, \$5470
 Bond, \$2735; Sureties, Emil Nelson and
 Unger T. Hallgren; Forfeit, \$5; Limit,
 85 days; Plans and specifications filed.

BUNGALOW
 (3603) W EDNA 50 S Flood Ave S 25x
 W100 Lot 48 Blk 18 Sunnyside. All
 work for a 4-room bungalow.
 Owner—Henry W. Austin.
 Architect—James Arnott & Son.
 Contractor—James Arnott & Son, 235
 Granville Way.
 Filed Sept. 28, 1922. Dated Sept. 11, 1922.
 Frame up 25%
 Brown coated 25%
 Completed and accepted 25%
 Usual 35 days 25%
TOTAL COST, \$2525
 Bond, none; Sureties, none; Forfeit,
 none; Limit, 90 days; Plans and spec-
 ifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
 Sept. 21, 1922—PTN LOTS 23 and 24
 Blk 3138, Westwood Park. Hans
 and Esther E. Nelson. Sept. 20, 1922
 Sept. 21, 1922—E SIXTEENTH AVE
 200 S Anza E 120x8 25. Stephen M.
 Beede to Walter G. Vooden. Sept. 19, 1922
 Sept. 22, 1922—FOLLOWING PTPT
 in Blk A Map I, Suto's Addn., Lot
 22 and Ptn Lot 21, 33-6x100; Ptn
 Lots 21 and 20, 33-6x100; Ptn Lots
 19 and 19, 26x100; Ptn Lots 19 and
 18, 26x100; Ptn Lots 18 and 17, 26
 x100; Ptn Lots 17 and 16, 26x100;
 Ptn Lots 16 and 15, 26x100; Ptn
 Lots 15 and 14, 26x100. Henrietta
 L. B. Suto to Adolph Suto. Sept. 21, 1922

Sept. 22, 1922—NW TWENTY-7TH
 Ave and Balboa. Wm Kln's
 to Meyer Bros. Sept. 22, 1922
 Sept. 22, 1922—E LEAVENWORTH
 87-6 S Eddy. Edward S. Henretta
 Lewis to Charles Schwarz. Sept. 21, 1922
 Sept. 22, 1922—E NINETEENTH AVE
 150 N Geary. Meyer Bros to whom
 it may concern. Sept. 22, 1922
 Sept. 22, 1922—SW TWENTY-SIXTH
 and Church 20x80 No 3901-2-7-7
 20th St. George Dahlbender to
 Ward C. Brown. Sept. 22, 1922
 Sept. 22, 1922—E HARRISON AND
 Merion NE 25x88 87-5 W J Simp-
 son to Ray & Johnson. Sept. 22, 1922
 Sept. 22, 1922—W TWENTY-EIGHTH
 Ave 150 N Ulloa N 25x126; W 28th
 Ave 225 S Taraval S 25x120; E 28th
 Ave 125 S Taraval S 25x120. Park-
 side Realty Co to whom it may
 concern. Sept. 22, 1922
 Sept. 22, 1922—E BAKER 160 S
 Filbert S 25x100. Francis L. Mc-
 Grath to W W Redhall. Sept. 22, 1922
 Sept. 25, 1922—COAH 33-6 N 71st
 and E side Eureka E 50xN 32. H
 and Pauline Corbitt to Bernhard &
 Fireira. Sept. 25, 1922
 Sept. 25, 1922—S GEARY 68-9 W
 Leavenworth. Chas. A. Johnson to
 whom it may concern. Sept. 25, 1922
 Sept. 25, 1922—SW ARGUELLO BLVD
 and Balboa S 25x 95. Wm A.
 Miller to whom it may concern.
 Sept. 25, 1922—LOT 87 BLK 22, Mis-
 sion Blk Adn No. 87, Elgin Park.
 Mathilde Bauer to Geo M. Merritt.
 Sept. 25, 1922. Sept. 23, 1922
 Sept. 25, 1922—E THIRTY-SIXTH
 Ave 183 N Irving N 32x120. Chas.
 E Green to A. M. Samuelson. Sept. 25, 1922
 Sept. 25, 1922—S GEARY 137-6 W
 Mason W 106xS 137-6. The Curran
 Theatre Co to Frank B. Drew Co.,
 Sept. 22, 1922
 Sept. 25, 1922—S CARRILLO 95 W
 20th Ave W 25x100. David Leigh
 to whom it may concern. Sept. 21, 1922
 Sept. 26, 1922—E EIGHTH AVE 325
 — Cabrillo 25x120. Edw. M.
 Puntney to whom it may concern.
 Sept. 26, 1922. Sept. 26, 1922
 Sept. 26, 1922—LOT 1 BLK 4, St.
 Francis Wood. J. M. Ruth to
 Mangels Bros. Sept. 26, 1922
 Sept. 26, 1922—SW SANTA MARINA
 125 SE Glauys SE 25xSW 100.
 Laura and Angelo Menefrattos to
 Theo. F. Heffernan. Sept. 26, 1922
 Sept. 26, 1922—W TWENTY-7TH
 Ave 150 N Balboa N 25xW 120.
 Wilfred L. Crawley to Meyer Bros.
 Sept. 26, 1922. Sept. 21, 1922
 Sept. 26, 1922—W TWENTY-7TH
 Ave 175 N Balboa N 25xW 120.
 Clarence P. Thompson to Meyer
 Bros. Sept. 21, 1922
 Sept. 26, 1922—W TWENTY-7TH
 Ave 125 N Balboa N 25xW 120.
 Roland H. Wright to Meyer Bros.
 Sept. 21, 1922
 Sept. 26, 1922—LOTS 5 AND 6 BLK
 3161, Westwood Park. Hans
 and Esther E. Nelson to whom it may
 concern. Sept. 22, 1922
 Sept. 26, 1922—W TWENTY-FOURTH
 Ave 225 N Irving N 25xW 120. Rolfe
 Brooks to R. Albertson. Sept. 26, 1922
 (Correction in Amount)
 Sept. 23, 1922—CLAY 131-3 W Scott
 W 25xS 127-8. Leonard Lum-
 ber Co vs Harry and Leona R.
 Earsuch & Chas Farnsworth. \$124.97
 Sept. 27, 1922—E DOLORES 75 S
 Fourteenth S 50 E 128-3 N 25 W 25
 N 25 W 103-3. J. A. Tray to Finn
 Anderson. Sept. 27, 1922
 Sept. 27, 1922—N O'FARRELL 137-6
 W Jones W 52xN 137-6. Carl H.
 Peterson to whom it may concern
 Sept. 27, 1922
 Sept. 27, 1922—N GEARY 171-8 E
 Taylor E 34-2xN 137-6. A. F.
 Rousseau. Sept. 27, 1922

Sept. 22, 1922—W FORTY-FIFTH AV
232 S Geary S 25xW 120. H B
Murphy to whom it may concern.
.....Sept. 25, 1922
Sept. 28, 1922—W FOURTEENTH AV
100 S Cabrillo. Chas Schmitt to
Harry Moran.Sept. 21, 1922
Sept. 28, 1922—W TWENTY-FIRST
Ave 205 S Cabrillo S 25xW 120.
Harry S Haley to Nick Hemmings
.....Sept. 28, 1922
Sept. 28, 1922—S CALIFORNIA 82-6
E Eleventh Ave E 75xS 100. M
Lager to Anderson & Ringrose
.....Sept. 27, 1922
Sept. 28, 1922—W LONDON dist N
28' 22" E 230 from int NW London
and NE Geneva Ave N 29' 22" E
30 N 60' 38" W 56 S 28' 22" W 30 S
60' 18" E 96. Crocker Estate Co to
Albin M Sarauelson.Sept. 23, 1922
Sept. 28, 1922—W LONDON dist N 29'
E 200 from int NW London and
NE Geneva Ave N 29' 22" E 30 ft.
N 60' 38" W 56 S 28' 22" W 30 S
60' 38" E 96. Crocker Estate Co to
Albin M Sarauelson.Sept. 23, 1922
Sept. 28, 1922—SE PARNASSUS AVE
and Shrader 25x100. John J Binet
to whom it may concern. Sept. 27, 1922
Sept. 28, 1922—SW CRESCENT AVE
and Moultrie 25x75. John Dahla
to whom it may concern. Sept. 28, 1922
Sept. 28, 1922—W CASTRO 198-4 S
18th S 24-8xW 137. Colina Soltz
to Lincoln U Grant.Sept. 26, 1922
Sept. 28, 1922—W FLORIDA 90 S 26th
S 50xW 30. Wm Miller to whom
it may concern.Sept. 26, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Sept. 22, 1922—S CLAY 102-6 W
Baker W 35xS 102-8 1/2. Carlson &
Peterson vs Olga D Larb.\$409
Sept. 22, 1922—NW TWENTY-SIXTH
and Dolores N 27xW 70. Mission
Lumber Co vs Jas Tarbitt and John
Schroeder.\$34.10
Sept. 22, 1922—W FRANKLIN 72-6 N
Vallejo N 27-6xW 110-4. F A Smith
Co vs Geo H Lydickson and
Maria Tarantino.\$169.95
Sept. 22, 1922—W CLAYTON about
150 S Haight and about 100 N Wal-
ter. J W Marsden vs Sarah Nesbitt
.....\$2322.34
Sept. 22, 1922—S CARL 29 W Shrader
W 25xS 100. D & R M Leonhard
vs. E A Lawcock and M Banks. \$81.64
Sept. 22, 1922—S CLEMENT 82-8 1/2 W
Second Ave W 24-9 1/2xS 100; No.
121, 123 and 125 Clement. J A Ash
& Co vs G Moriconi, Jas H and
Katherine E Hency.\$202.61
Sept. 22, 1922—N CLAY 56-10 1/2 W
Walnut W 26-10 1/2xN 100. Bay
City Floor Co vs John A Osborne
.....\$430
Sept. 22, 1922—SW THIRD Ave and
Irving 25x95. D and R M Leon-
hardt vs E A Lawcock and W W
Haley.\$249.33
(S. F. News continued on Page 3)
Sept. 23, 1922—FRANKLIN 72-6 —
Vallejo N 27-6xW 110-4. Inlaid
Floor Co vs Geo Lydickson, Maria
and Nungio Tarantino.\$272.46
Sept. 23, 1922—S CLAY 131-3 W Scott
W 25xS 127-8 1/2. Eureka Sash,
Door & Moulding Mills vs Harry
and Leona R Barusch.\$87.17
Sept. 23, 1922—S CLEMENT 82-6 W
Second Ave. J E Back Co vs Jas
H and Catherine E Hency.\$53.15
Sept. 23, 1922—E FIFTEENTH AVE
264 S Anza S 21xN 120. L A Huf-
schmidt vs Albert Sonnenberg.\$294
Sept. 23, 1922—S CLEMENT 82-8 1/2 W
Second Ave W 24-9 1/2xS 100 No. 121,
123 and 125 Clement. Pope & Tal-
bot vs Jas H and Catherine E
Hency and C Moriconi.\$249.06

Sept. 25, 1922—N GREEN 68-9 W Di-
visadero W 34-4 1/2xN 102-6. J E
Back Co vs L D Allen & Co. Wind-
sor Terrace Co. L D Allen and
Lizzie M Durbrow.\$1366.04
Sept. 25, 1922—W FRANKLIN 72-6 N
Vallejo N 27-6xW 110-4. Atlas
Electric Co, \$276; Hart & Bur-
meister, \$1243.88 vs George H Ly-
dickson and Maria and Minzio
Tarantino.\$252.50
Sept. 25, 1922—S WASHINGTON 64-1
E Powell S 65-6 W 4-1 S 69 E 27-6
N 1-7-6 W 23-2. B Rozenberg vs
John Morton and Chinese Baptist
Church.\$463
Sept. 25, 1922—S CLEMENT 82-8 1/2
W Second Ave W 24-9 1/2xS 100.
North Beach Electric Co vs G Mori-
coni, Jas H and Catherine E
Hency.\$52.50
Sept. 25, 1922—S CLAY 131-3 W Scott
W 25xS 127-8 1/2 Automatic Look
W Lift Co vs Harry & Leona R
Barusch.\$471.10
Sept. 23, 1922—S CLEMENT 82-6 W
Second Ave W 25xS 100 Nos. 121,
123 and 125 Clement. Julius E
Back and J J Van Niel (as J E Back
Co) vs Jas H and Catherine E
Hency.\$229.45
Sept. 25, 1922—SE CALIFORNIA &
Twenty-seventh Ave E 32-6xS 100.
Thos M Jones vs Taos J and Nora
A Feehey.\$2575
Sept. 28, 1922—E FREMONT and
Mission NE 137-6 S 112-6 NE 15 SE
15 SW 152-6 NW to beg. H J Day
vs A J Reeder and Walter N Moore
.....\$717
Sept. 28, 1922—SE MISSION and NW
Beal SE 137-6 SW 112-6 NW 15
S W 15 NW 112-6 NE 137-6. H J
Day vs A J Reeder and W P
Fuller & Co.\$447
Sept. 28, 1922—W FRANKLIN 72 6 N
Vallejo N 27-6xW 110. Joseph
Musto Sons-Kennan Co vs Geo H
Lydickson, Miss Maria Tarantino
and Nungio Tarantino.\$437
Sept. 28, 1922—W FRANKLIN 72-6 N
N Vallejo N 27-6xW 110-4. Cnas W
Higgins vs Geo H Lydickson, Nungio
and Maria Tarantino.\$509
Sept. 28, 1922—N GREEN 68-9 W Di-
visadero W 34-4 1/2xN 102-6. W
Heidenreich vs L D Allen and
Lizzie May Durbrow.\$411.70

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Sept. 25, 1922—E FIFTEENTH AVE
98-8 S Geary S 25xN 100 No. 420
15th Ave. Peter Koenig to Esidore
and Estelle Horn.\$250
S F RELEASE OF LIENS
Sept. 27, 1922—E PRESIDIO AVE
93-14 S Post S 22xN 100. Wayne
& Williams to Carl Miller.

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Sept. 26, 1922—W CASTRO 100 S
16th W 100xS 25. Walter J and
Josephine Douglas as to im-
provements on property.
Sept. 28, 1922—W POWELL bet.
O'Farrell and Geary No. 211 Powell
St. Charles Schlessinger as to im-
provements on property.

CESSATION OF LABOR

SAN FRANCISCO COUNTY

Sept. 23, 1922—NO. 370 FREDERICK
Frederick Bronson with F W Smith-
son. Work ceased Aug. 30, 1922.
Sept. 26, 1922—NW DOLORES ANZ
Twenty-sixth 57 on Dolores by 70.
John Schroeder with Jas Tarbitt.
Work ceased.Aug. 25, 1922

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the
contracts for this issue.

No.	Owner	Contractor	Amt.
4115	Baker	Owner	5500
4114	Anderson	Owner	5500
4115	Lawrence	Burnett	6384
4116	Coit	Owner	5900
4117	Bailey	Mason	6000
4118	Felt	Owner	2500
4119	Newell	Owner	1000
4120	Herrod	Sharp	5500
4121	Bardwell	Owner	4500
4122	Reeves	Ward	5000
4123	Reeves	Owner	2500
4124	Yanich	Owner	6000
4125	Hampel	Johnson	7000
4126	Kipple	Owner	3950
4127	Bruno	Brazier	4000
4128	Bratchivich	Rich	8000
4129	Williams	Owner	1000
4130	Hebern	Arliss	1400
4131	Bizley	Moran	1000
4132	McWeethy	Owner	4000
4133	Simuff	Short	16000
4174	Lakso	Owner	2500
4155	Farnes	Allen	1500
4126	Peck	Bixby	5000
4157	Church	Ahnfeldt	5800
4138	West	Knight	12000
4139	Euckley	Owner	4000
4116	Bonar	Owner	2000
4142	De Barro	Owner	3000
4143	Crescent	Harte	4000
4144	Oakland	Petersen	8000
4145	Young	Littlefield	336450
4146	Marquis	Owner	3500
4147	Fame	Owner	4400
4148	Same	Same	8800
4149	Mazzoli	Same	4400
4150	Andrews	Garello	3000
4151	Schmidt	Robins	3209
4152	Wilder	Oakley	3850
4153	Franks	De Jong	2250
4154	McWeethy	Owner	12000
4155	Kessler	Owner	1000
4156	Fame	Wisharty	3000
4157	Vivian	Same	3400
4158	Graves	Owner	3500
4159	Johnson	Graves	2500
4160	Shields	Wentker	2500
4161	McPherson	Lazen	4700
4162	Garner	McPherson	3600
4163	Stuhm	Owner	5000
4164	Macaulay	Patrick	3975
4165	Porter	Thomson	2000
4166	Knowlton	Blethroad	4000
4167	Cobb	Owner	1500
4168	Casserty	Furlong	10000
4169	Francis	Wise	1575
4170	Central	Owner	1800
4171	Euritt	Letter	2500
4172	West	Owner	4000
4173	Peterson	Knight	1000
4174	Beal	Jones	12000
4175	Riego	Farnell	4000
4176	Pedersen	Attiberry	3000
4177	Carrestro	Owner	1800
4178	Arnett	McCord	3000
4179	St. James	Owner	1500
4180	Crane	Cuthbertson	2800
4181	Taboracle	Owner	2500
4182	Hayes	Kingree	5000
4183	Beal	Owner	1000
4184	Roth	Fennell	4000
4185	Botto	Owner	5000
4186	Moss	Owner	4000
4187	Pugh	Marim	2650
4188	Bradley	Owner	4000
4189	Anderson	Owner	2500
4190	Werner	Eschach	9000
4191	Schnoor	Owner	2000
4192	Reposa	Stolte	4750
4193	Lyman	Hewitt	2500
4194	Mondot	Smith	1850
4195	Mortenson	Healy	5420
4196	Paraffine	Stolte	3410
4197	Mansfield	Bryant	7500
4198	Saroni	Owner	2500
4199	Saroni	Pond	3500
4200	Saroni	Pond	3500
4201	Fraser	Wilson	3000
4202	Best	Owner	2000
4203	Grimes	Owner	3850
4204	Petersen	Owner	3000

4265 Nichols	Owner	4800
4266 Blucher	Blucher	5000
4267 Donahue	Orton	17950
4268 Cook	California	13000
4269 Star	Gottstein	4352
4210 Kress	Haskell	6541
4211 Sconfienza	Owner	2000
4212 Francis	Williams	1400
4213 Pallen	Owner	3900
4214 Brazier	Owner	3000
4215 Winfree	Porter	2000
4216 Maye	Horton	2800
4217 Henderson	Owner	1700
4218 Kirk	Thorpe	2400
4220 O'Brien	Owner	2000
4221 McNitt	Oehm	2500
4222 Phillips	Marshall	5000
4223 Fevere	Owner	3300
4224 Butler	Owner	2000
4225 Olsen	Johnson	3000
4226 Watson	Stewart	1600
4227 Mortimer	Stolte	3410

RESIDENCE
(4113) NO. 50 AREOR DRIVE, Piedmont. One-story 6-room residence
Owner—W. J. Baker, 2255 Ransome St., Oakland.
Architect—None. \$5300

RESIDENCE
(4114) NO. 68 PORTSMOUTH ROAD, Piedmont. One-story 6-room dwelling.
Owner—A. P. Anderson, 5409 Thomas St., Oakland.
Architect—None. \$5500

RESIDENCE
(4115) NO. 311 SAN CARLOS AVE., Piedmont. One-story 6-room dwlg.
Owner—Alice P. Lawrence, 630 Lincoln St., Alameda.
Architect—None.
Contractor—F. L. Burnett, 745 Aileen St., Piedmont. \$6364

RESIDENCE
(4116) NO. 205 HIGHLAND AVE., Piedmont. Two-story 6-room dwlg.
Owner—Coit Investment Co., 306 14th St., Oakland.
Architect—None. \$5900

DWELLING
(4117) 1156 Amador, Berkeley. One-story 6-room dwelling.
Owner—C. M. Bailey.
Architect—None.
Contractor—Mason McDuffie Co., Shattuck and Addison, Berkeley. \$6000

DWELLING
(4118) 2323 Jefferson, Berkeley. One-story 5-room dwelling.
Owner—R. D. Felt, 1732 Channing Way, Berkeley.
Architect—None. \$2500

DWELLING
(4119) W BROWN 20 S California. One-story 3-room dwelling.
Owner—J. J. Newell, 3815 Brown Ave., Oakland.
Architect—None. \$1000

DWELLING
(4120) E BROOKWOOD RD. 430 W Trestle Glen Rd. One-story 6-room dwelling.
Owner—R. F. Herrod, 990 Aileen St., Oakland.
Architect—None.
Contractor—A. C. Sharp, 1327 E-28th St., Oakland. \$5500

DWELLING
(4121) W CAPELL ST. 100 S McKinnley. One-story 6-room dwelling.
Owner—C. E. Bardwell, 927 Excelsior St., Oakland.
Architect—None. \$4500

DWELLINGS
(4122) S E-TWENTIETH ST. 46 and 88 E 11th Ave., Oakland. Two one-story 5-room dwellings.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None.

Contractor—Percy Ward, 4016 Lyon Ave., Oakland. \$2500 ea

DWELLING
(4123) S E COR. E-TWENTIETH ST. and 11th Ave., Oakland. One-story 5-room dwelling.
Owner—H. E. Reeves, 1505 37th Ave., Oakland.
Architect—None.
Contractor—Percy Ward, 4016 Lyon Ave., Oakland. \$2500

FLATS
(4124) E OPAL 100 S 42nd St., Okd. Two-story 9-room flats.
Architect—None. \$6000
Owner—W. F. Vaughn, 381 51st St. Okd.

DWELLING
(4125) E PARK BLVD. 100 N Hampel St., Oakland. One-story 8-rm. dwlg.
Owner—J. H. and C. A. Hampel, 971 37th St., Oakland.
Architect—Frederick Soderberg, 276 Perkins St., Oakland.
Contractor—S. G. Johnson, 4652 Dolores St., Oakland. \$7000

DWELLING
(4126) E SEMINARY AVE. 360 S Scenic Way, Oakland. One-story 6-room dwelling.
Owner—Wm. S. Kepple, 2619 62nd Ave., Oakland.
Architect—None. \$3950

DWELLING
(4127) E SHAFTER 150 N Cavour, Oakland. One-story 5-room dwlg.
Owner—G. Bruno, 5275 Miles Ave., Okd.
Architect—None.
Contractor—Jas. W. Brazzier, 1912 Blake St., Oakland. \$4000

FLATS
(4128) NW COR. THIRTY-NINTH AV. and Hopkins, Oakland. Two-story 8-room flats.
Owner—S. Bratichivech, Oakland.
Architect—None.
Contractor—J. L. Rich, 943 42nd St., Oakland. \$8000

SERVICE STATION
(4129) S WILLIAMS 350 W Telegraph Oakland. One-story service station.
Owner—Harry B. Williams, 351 12th St., Oakland.
Architect—None. \$1000

EXCAVATION
(4130) SW NINTH AND HARRISON S 200xW 100, Oakland. All work for excavation for office and factory building.

Owner—Hebern Electric Co., Inc. Bank of Italy Bldg.
On 10th of each month.....75%
Architect—Reed & Corlett, Oakland
Bank of Savings Bldg., Okd.
Contractor—Ariss-Knapp Co., 1041 38th St., Oakland.
Filed Sept. 21, '22. Dated Sept. 21, '22.
On 10th of each month.....75%
Usual 55 days.....25%
TOTAL COST, \$7400

Bond, \$3700. Surety, Fidelity & Deposit Co. Limit, 30 days. Perfeit, none. Plans and specifications filed.

ALTERATIONS
(4131) NO. 82 1/2 FIFTY-FOURTH ST. Oakland. Alterations.
Owner—D. L. Eigley.
Architect—None.
Contractor—Moran & Monte, 1225 Myrtle St., Oakland. \$1000

DWELLINGS
(4132) W PERRY 400 S Adams, Oakland. Ten frame dwellings.
Owner—McVethey & Greenleaf, Albany Bldg., Oakland.
Architect—None. \$1000 each

APARTMENTS
(4133) LOT 107 Map Piedmont-by-the-Lake, Oakland. All work for two-story and basement 16-room apartments.

Owner—Pauline and Zina Shminoff, 715 15th St., Oakland.
Architect—Schirmer Bugbee Co., Tanager Bldg., Oakland.
Contractor—Chas. W. Short, 574 Rosal Ave., Oakland.
Filed Sept. 22, '22. Dated Sept. 20, '22.
Smeathed..... 1/4
Plastered..... 1/4
Completed and accepted..... 1/4
Usual 55 days..... 1/4
TOTAL COST, \$16,000

Bond, \$8000. Sureties, Louise H. Short and Lucy M. Hutchins. Limit, 100 days. Perfeit, none. Plans and specifications filed.

DWELLING
(4134) NO. 418 DELAWARE, Berkeley. One-story 5-room dwlg.
Owner—Frank Laake.
Architect—None. \$2500

GARAGE
(4135) NO. 263 HILLCREST ROAD, Berkeley. Garage.
Owner—M. Farnes, Premises.
Architect—None.
Contractor—Allen-Conrad, 357 12th St., Oakland. \$1500

DWELLING
(4136) NO. 1665 MARIPOSA, Berkeley. Two-story 6-room dwelling.
Owner—M. A. Peck, 1815 California St., Berkeley.
Architect—None.
Contractor—R. R. Bixby, 2447 1/2 Webster St., Berkeley. \$5000

DWELLING
(4137) NO. 1955 MARIN ST., Berkeley. One-story 6-room dwelling.
Owner—R. B. Church, 2123 Parker St., Berkeley.
Architect—None.
Contractor—Harry Annefeld, 2123 Parker St., Berkeley. \$5200

FLATS
(4138) W BENVENUE 250 N Alcatraz, Oakland. Two-story 16-room flats.
Owner—Elmer W. West, 5675 College Ave., Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland. \$12,000

DWELLING
(4139) S E-THIRTY-THIRD 310 E Elliott, Oakland. One-story five-room dwelling.
Owner—H. M. Buckley, 6437 Harmon Court, Oakland.
Architect—None. \$4000

DWELLING
(4140) E EIGHTY-THIRD AVE 200 S Olive, Oakland. One-story 6-room dwelling.
Owner—F. W. Bomar, 1914 83rd Ave., Oakland.
Architect—None. \$2000

DWELLING
(4141) S E-FIFTEENTH 80 E Third Ave., Oakland. Two-story 6-room dwelling.
Owner—Oscar Nelson, 704 14th St., Oakland.
Architect—None. \$3000

DWELLING
(4142) NW E-TWENTY-SEVENTH & 10th Ave., Oakland. One-story 5-room dwelling and store.
Owner—R. De Barre, 1342 Shattuck Ave., Berkeley.
Architect—None.
Contractor—D. E. Harro, 1033 60th St., Oakland. \$4000

DWELLING
(4143) W EUCLID AVE 350 N Grand, Oakland. One-story 6-room dwlg.
Owner—D. Crestetto, 400 Clay St., Okd.
Architect—None.
Contractor—J. B. Petersen, 2053 28th Ave., Oakland. \$8000

SCHOOL

(4144) BLOCK FILBERT, MYRTLE, 26th and 28th Sts., Oakland. Two-story brick and concrete school. Owner—Oakland High School Dist. Architect—C. W. Dickey, 2419 Broadway, Oakland. \$336,450

DWELLING

(4145) N FIFTY-NINTH 510 W Macine, Oakland. One-story 5-room dwelling. Owner—Jas. H. Young 4114 Emerald St., Oakland. Architect—None. \$3500

DWELLINGS

(4146) E FORTIETH AVE 350 and 385 N Carrington, Oakland. Two one-story 4-room dwellings. Owner—E. M. Marquis, 2827 Russell St., Berkeley. Architect—None. \$2200 each

DWELLINGS

(4147) E FORTIETH AVE 190, 135, 170 and 200 S Santa Ray, Oakland. Four one-story 4-room dwellings. Owner—E. M. Marquis, 2827 Russell St., Berkeley. Architect—None. \$2200 each

DWELLINGS

(4148) W THIRTY-EIGHTH AVE 140 and 260 N San Juan, Oakland. Two one-story 4-room dwellings. Owner—E. M. Marquis, 2827 Russell St., Berkeley. Architect—None. \$2200 each

DWELLING

(4149) N FORTY-SECOND 100 E Linden, Oakland. Two-story 4-room dwelling. Owner—L. Mazzoli, 957 42nd St., Oakland. Architect—None. Contractor—J. Garello, 870 47th St., Oakland. \$3000

DWELLING

(4150) N FIFTY-SECOND ST. 100 E Bayview, Oakland. One-story 5-room dwelling. Owner—John Andrews, Oakland. Architect—None. Contractor—R. L. Robins, 5117 Broadway, Oakland. \$3200

DWELLING

(4151) E FORTY-FIRST AVE. 120 S Mera, Oakland. One-story 6-room dwelling. Owner—Mrs. E. Schmidt, 1610 41st Ave., Oakland. Architect—None. Contractor—Oakley & Kolmodin, 1961 65th Ave., Oakland. \$3850

ADDITION

(4152) 2413 HUMBOLDT AVE., Oakland Addition. Owner—Beverly Wilder. Architect—None. Contractor—Louis De Jong, 2815 Eastman Ave., Oakland. \$2250

FLATS

(4153) S HAWKWOOD AVE. 180 E College, Oakland. Two-story 16-room flats. Owner—P. H. Franks, 2839 Ellsworth St., Berkeley. Architect—None. \$12,000

GARAGE

(4154) W PERRY ST 400 S Adams, Oakland. Two garages. Owner—McWethy & Greenleaf, Albany Bldg., Oakland. Architect—None. \$1000

DWELLING

(4155) N E COR. FORTY-NINTH ST. and Manila Ave., Oakland. 1-story 4-room dwelling. Owner—Emma Kessler, 2117 Woolsey St., Berkeley.

Architect—None.

Contractor—John Wishart, 1074 62nd St., Oakland. \$3000

DWELLING

(4156) E MANILA 80 N 49th St., Okd. One-story 5-room dwelling. Owner—Emma Kessler, 2117 Woolsey St., Berkeley. Architect—None. Contractor—John Wisharty, 1074 62nd St., Oakland. \$3400

DWELLING

(4157) N KEY AVE 250 W Parker Ave., Oakland. One-story 6-room dwlg. Owner—Wm. Vivian, Ney Ave., Okd. Architect—None. \$3500

DWELLING

(4158) S SAN JUAN 80 W 10th Ave., Oakland. One-story 4-room dwlg. Owner—Alice Graves, 4025 Mera St., Oakland. Architect—None. Contractor—H. D. Graves, Okd. \$2500

DWELLING

(4159) E SEVENTY-THIRD AVE. 470 N E-14th St., Oakland. One-story 5-room dwelling. Owner—Alfred Johnson, 1802 55th Ave., Oakland. Architect—None. Contractor—V. Wentker, 1700 36th Ave., Oakland. \$2500

DWELLING

(4160) E THOMAS ST. 55 N Bdwy Terrace, Oakland. One-story 6-room dwelling. Owner—John A. Shields, 5323 College Ave., Oakland. Architect—None. Contractor—Lassen & Shields, Oakland. \$4700

DWELLING

(4161) N E COR. RUSSELL ST & Pine Path, Berkeley. Two-story & basement dwelling and garage. Owner—Sara Kellar, 2556 College Ave., Berkeley.

Architect—James W. Plachek, 2014 Shattuck Ave., Berkeley.

Contractor—A. J. McPhee, 2144 E-27th St., Oakland.

Filed Sept. 25, 1922. Dated Sept. 21, 1922.
Frame up 1 1/2
Plastered 4
Completed and accepted 1 1/2
Usual 35 days 1 1/2
TOTAL COST, \$13,600

Bond, \$13,600; Sureties, Globe Indemnity Co.; Forfeit, none; Limit 85 days; plans and specifications filed.

DWELLING

(4162) No 1517-35, BERKELEY WAY, Berkeley. One-story 10-room dwelling. Owner—J. R. Garner, 1318 University Ave., Berkeley. Architect—None. \$5000

DWELLING

(4163) NO. 1138 CHANING WAY, Berkeley. One-story 5-room dwlg. Owner—Edward Stuhm, 2110 5th St., Berkeley. Architect—None. Contractor—A. G. Patrick, 1602 Ordway St., Berkeley. \$3975

GARAGE

(4164) NO 2035 CENTER ST., Berkeley Garage. Owner—Macaulay & Laufer. Architect—None. Contractor—John Thomson, 5531 Occidental St., Berkeley. \$2000

DWELLING

(4165) NO 1950 EL DORADO, Berkeley. One-story 6-room dwlg. Owner—Porter & Young, 2118 Shattuck Ave., Berkeley. Architect—None. Contractor—D. T. Blotnroad 1912 Channing Way, Berkeley. \$1000

ALTERATIONS

(4166) NO. 1801 ROSE, Berkeley. Alterations. Owner—Robert E. Knowlden, Prem. Architect—None. \$1500

DWELLING

(4167) NO. 691 SANTA ROSA, Berkeley Two-story 6-room dwelling. Owner—Mrs W. R. Cob, Niles. Architect—None. Contractor—James Furlong, 631 18th Ave., San Francisco. \$10,000

DWELLING

(4168) NO. 2495 SACRAMENTO, Berkeley. One-story 4-room dwlg. Owner—John L. Casserly. Architect—None. Contractor—M. F. Wise, 3248 Chestnut St., Berkeley. \$1675

DWELLING

(4169) W AUSTIN 109 N Foot Hill Blvd., Oakland. One-story 4-room dwelling. Owner—E. O. Francis, 2910 E-14th St., Oakland. Architect—None. \$1800

ALTERATIONS

(4170) NE FOURTEENTH & BROADWAY, Oakland. Alterations. Owner—Central National Bank, Prem. Architect—None. Contractor—E. T. Leiter & Sons, 3601 West St., Oakland. \$2500

DWELLING

(4171) NO. 2706 BEST, Oakland. One-story 6-room dwelling. Owner—Burritt & Shealey, 2766 Kingsland Ave., Oakland. Architect—None. \$4900

GARAGE

(4172) W BENVENUE AVE 250 N Alcatraz, Oakland. Garage. Owner—Elmer W. West. Architect—None. Contractor—Harry C. Knight, 388 12th St., Oakland. \$1000

APARTMENTS

(4173) NW CLIFTON AND COLLEGE, Oakland. Two-story 14-room apts. Owner—A. Peterson, 5215 Broadway, Oakland. Architect—None. Contractor—Jones & Sleep, 5642 College Ave., Oakland. \$12,000

DWELLING

(4174) NE E-THIRTY-EIGHTH AND Division, Oakland. One-story 6-room dwelling. Owner—L. G. Henl, Thayer Bldg., Okd. Architect—None. Contractor—Farnell & Son, 351 12th Oakland. \$4000

DWELLING

(4175) SE FORTY-SECOND AVE & Carrington, Oakland. One-story 5-room dwelling. Owner—Sarah D. Riego, 18th and Poplar Sts., Oakland. Architect—None. Contractor—A. R. Attebery, 2039 42nd Ave., Oakland. \$3000

DWELLING

(4176) S LYON AVE 125 E 38th Ave., Oakland. One-story 4-room dwlg. Owner—Chas. M. Pedersen, 3819 Lyon Ave., Oakland. Architect—None. \$1800

DWELLING

(4177) S FORTY-FIFTH 210 E Market, Oakland. One-story 5-room dwelling. Owner—Antonio Carmestro, 921 41st St., Oakland. Architect—None. Contractor—J. A. McLeod, 4577 Market St., Oakland. \$3000

DWELLING
(4178) E 102ND AVE 100 S Walnut, Oakland. One-story 3-room dwlg. Owner—Geo. W. Arnett, 2525 San Jose Ave., Alameda. Architect—None. \$1500

CHURCH
(4159) NW PARK BLVD AND HAMPDEN, Oakland. Two-story church. Owner—St. James Presbyterian Church. Architect—W. J. Wythe, Central Bank Bldg., Oakland. Contractor—Thos. A. Cuthbertson, 1766 15th Ave., San Francisco. \$25,000

DWELLING
(4180) N E-SIXTEENTH 165 W High, Oakland. One-story 5-room dwlg. Owner—V. H. Graham, 1220 E 16th St., Oakland. Architect—None. \$2500

TABERNACLE
(4181) N TWENTIETH 319 W Telegraph Ave., Oakland. One-story tabernacle. Owner—Grace Tabernacle. Architect—None. Contractor—J. T. Kingree. \$5000

DWELLING
(4182) E THIRTY-FIFTH AVE 55 S Wisconsin, Oakland. One-story 4-room dwelling. Owner—Margaret Hayes, 3958 35th Ave., Oakland. Architect—None. \$1000

DWELLING
(4183) N E-THIRTY-EIGHTH 50 E Division, Oakland. One-story 6-room dwelling. Owner—B. G. Deal, Thayer Bldg., Okd. Architect—None. Contractor—Fornell & Son, 351 12th Oakland. \$4000

DWELLING
(4184) E TENTH AVE 55 N E-15th St., Oakland. One-story 8-room 2-family dwelling. Owner—L. W. Roth, 4329 Leach Ave., Oakland. Architect—None. \$5000

DWELLING
(41283) E WELTON AVE 140 S Warfield, Oakland. One-story 5-room dwelling. Owner—Bartolomeo Botto, 5250 Boyd Ave., Oakland. Architect—None. \$4000

DWELLINGS
(4186) NO. 1205 AND 1207 BONITA, Berkeley. Two one-story 5-room dwellings. Owner—G. R. Moss, 1203 Bonita St., Berkeley. Architect—None. Contractor—J. A. Marini, 2902 5th St., Berkeley. \$2650

DWELLING
(4187) NO. 6 INDIAN ROCK PATH, Berkeley. One-story 6-room dwlg. Owner—E. Pugh, 596 22nd St., Okd. Architect—None. \$4000

ADDITION
(4188) NO. 24 PANORAMIC WAY, Berkeley. Addition. Owner—L. M. Bradley, Premises. Architect—None. \$2500

DWELLING
(4189) NO. 2707 STUART, Berkeley. Two-story 9-room dwelling. Owner—C. E. Anderson, 2705 Ashby Ave., Berkeley. Architect—Sloomb & Field, 1st Savings Bank Bldg., Oakland. Contractor—John Beach, 3770 Latimer Place, Berkeley. \$9500

DWELLING
(4190) NO. 1311 TALBOT AVE., Berkeley. One-story 5-room dwelling

Owner—Chas. A. Werner, 2416 10th St., Berkeley. Architect—None. \$2000

DWELLING
(4191) E AUBURN ST. 75 N Florio, Oakland. One-story 6-room dwlg. Owner—P. Schnoor. Architect—None. Contractor—F. C. Stolte. \$4750

DWELLING
(4192) W EIGHTY-SEVENTH AVE. 200 S E-14th St., Oakland. One-story 4-room dwelling. Owner—Manuel Reposa, 1322 88th Ave., Oakland. Architect—None. Contractor—C. L. Hewitt, 8821 E-14th St., Oakland. \$2500

DWELLING
(4193) W EIGHTY-SECOND AV. 160 N Plymouth, Oakland. One-story 3-rm dwelling. Owner—F. J. Lyman, 3571 Bdwy, Okd. Architect—None. Contractor—R. A. Smith, 3145 Adeline St., Oakland. \$1850

FLATS
(4194) S FORTIETH 451 W Telegraph Oakland. Two-story 5-room flats. Owner—J. Mondot, 556 39th St., Okd. Architect—None. Contractor—P. J. Healy, 39 Nace Ave., Piedmont. \$5420

DWELLING
(4195) N HARPER ST. 250 E-35th Ave., Oakland. One-story 5-room dwlg. Owner—Wm. A. Mortenson. Contractor—F. C. Stolte, 3453 Laguna Ave., Oakland. \$3440

WAREHOUSE
(4196) 900 HIGH ST., Oakland. One-story frame warehouse. Owner—Paraffine Co. Inc., 40 1st St., San Francisco. Architect—None. Contractor—J. A. Bryant, 180 Jessie St., San Francisco. \$7500

DWELLING
(4197) N HARBOR VIEW 800 E-35th Ave., Oakland. One-story 4-room dwelling. Owner—S. Hansfield, 2020 Clinton Ave., Alameda. Architect—None. \$2500

DWELLING
(4198) E HAVENSCOURT 120 S Avenal, Oakland. One-story 6-room frn. dwelling. Owner—L. Saroni, 806 Howard St., S. F. Architect—None. Contractor—C. P. Pond, 1163 Ashmount Oakland. \$3500

DWELLINGS
(4199) W HAVENSCOURT 80 & 40 S Avenal, Oakland. Two 1-story 6-rm dwellings. Owner—L. Saroni, 806 Howard St., S. F. Architect—None. Contractor—C. P. Pond, 1163 Ashmount, Oakland. \$3500 each

DWELLING
(4200) E SIXTY-FIFTH AVE. 150 N Flora, Oakland. One-story 6-room dwelling. Owner—L. Saroni, 806 Howard St., S. F. Architect—None. Contractor—C. P. Pond, 1163 Ashmount, Oakland. \$3500

DWELLING
(4201) W SEVENTY-FOURTH AVE. 970 N E-14th Oakland. One-story 5-room dwelling. Owner—Homer B. Frazier, S. F. Architect—None. Contractor—Roy Wilson, 2436 E-14th St., Oakland. \$3000

DWELLING
(4202) W THIRTY-NINTH AVE 500 N Bayo, Oakland. One-story 4-room dwelling. Owner—Herbert C. Best, 4065 39th Ave., Oakland. Architect—None. \$2000

DWELLING
(4203) E WOODRUFF AVE 250 S Hopkins, Oakland. One-story five room dwelling. Owner—Robt. H. Grimes, 1528 Franklin St., Oakland. Architect—None. \$3850

DWELLING
(4204) E MANILA 175 N Fifty-eighth St., Oakland. One-story five-room dwelling. Owner—W. M. Petersen, 558 Alcatraz Ave., Oakland. Architect—None. \$3600

DWELLING
(4205) W NINTH AVE 280 N E-24th. Oakland. One-story 6-room dwlg. Owner—K. Nichols, 1528 Franklin St., Oakland. Architect—None. \$4800

DWELLING
(4206) NW PARK BLVD. 35 S Montclair, Oakland. One-story 5-room dwelling. Owner—Edmund G. Blucher, 451 Van Dyke St., Oakland. Architect—None. Contractor—Blucher Bros. \$3000

STORES
(4207) NW PARK BLVD. AND NEWTON AVE., Oakland. One-story 8-room stores. Owner—W. H. Donahue, Bank of Italy Bldg., Oakland. Architect—None. Contractor—A. E. Oiten, 6800 Trenor St., Oakland. \$17,529

FLATS
(4208) NE SIXTY-THIRD AND TELEGRAPH AVE., Oakland. Two-story 16-room flats. Owner—J. H. Cook, 1534 Franklin St., Oakland. Architect—None. Contractor—California Builders Co., 1534 Franklin St., Okd. \$13,000

PLUMBING
(4209) E E-FOURTEENTH 842 N Stanley Ave 210.83x1032.76. Oakland Plumbing for one-story warehouse and one-story office. Owner—Star Motor Co. of Calif. Architect—None. Contractor—Frank A. Gottstein, Okd. Feb. 27, '22. Dated Sept. 26, '22. On 10th of each month..... 75% Usual 35 days..... 25% TOTAL COST, \$4352
Bond, \$2176. Surety, Hartford Accident & Indemnity Co. Limit, 80 days. Forfeit, none. Plans and specifications filed.

DAFFLING
(4210) LOT 21 BLK 17 Lakeshore Highlands, Oakland. All work for one and one-half-story frame dwlg. Owner—Augustus H. and Elizabeth Kress, 4125 Howe St., Oakland. Architect—Chas. W. McCall Central Bank Bldg. Oakland. Contractor—Albert A. Haskell, 4331 Montgomery St., Oakland. Filed Sept. 27, '22. Dated Sept. 26, '22. Leaf sheathed..... \$1400 Brown coated..... 1500 Completed and accepted..... 1800 Usual 35 days..... 174 TOTAL COST, \$6544
Bond, \$3500. Sureties, Geo. C. Nall and David McCarron. Limit, 80 days. Forfeit, none. Plans and specifications filed.

DWELLING
(4211) NO. 1437 ADA, Berkeley. One-story 5-room dwelling.

Owner—John Sconfienza, 1312 Sacramento St., Berkeley.
Architect—None. \$2000

ALTERATIONS
(4212) NO. 2030 ADDISON, Berkeley.
Alterations.
Owner—M. E. Francis, Premises.
Architect—None.
Contractor—William & Hopps, 2105 Shattuck Ave., Berkeley. \$1400

DWELLING
(4213) NO. 553 ARLINGTON, Berkeley. One-story 5-room dwlg.
Owner—A. H. Pallen, 686 61st St., Oakland.
Architect—None. \$3900

DWELLING
(4214) NO. 2300 CARLTON, Berkeley. One-story 6-room dwelling.
Owner—Jas. W. Brazier, 1912 Blake St., Berkeley.
Architect—None. \$3000

ADDITION
(4215) NO. 5915 DEAKIN ST., Berkeley. Addition.
Owner—J. S. Winfree, Premises.
Architect—None.
Contractor—H. H. Porter, 2616 Cedar St., Berkeley. \$2000

DWELLING
(4216) NO. 1627 BUENA VISTA AVE., Alameda. One-story 5-room dwlg.
Owner—Al A. Mayo, Premises.
Architect—None.
Contractor—J. D. Horton, 5816 9th St., Oakland. \$2800

DWELLING
(4217) NO. 1161 FOUNTAIN, Alameda. One-story 1-room dwelling.
Owner—J. L. Henderson, 2105 San Jose Ave., Alameda.
Architect—None. \$1700

ALTERATIONS
(4218) NO. 1737 SANTA CLARA, Alameda. Alterations.
Owner—Mrs. J. B. Kirk.
Architect—None.
Contractor—V. E. Thorp, 4487 39th Ave., Oakland. \$2400

DWELLING
(4219) N FORTY-THIRD ST. 280 E Grove St., Oakland. One-story 5-room dwelling.
Owner—P. C. McCourtney, 491 42nd St., Oakland.
Architect—None.
Contractor—S. L. Stewart. \$3000

ALTERATIONS
(4220) 1211 LINDEN ST. Oakland. Alterations.
Owner—J. J. O'Brien.
Architect—None. \$2000

DWELLING
(4221) N MONADNOCK WAY 200 E Seminary, Oakland. One-story 5-room dwelling.
Owner—C. J. McNitt, 6001 Monadnock Way, Oakland.
Architect—None.
Contractor—J. B. Oehm, 3201 61st Ave., Oakland. \$2500

DWELLING
(4222) E ROCKWELL ST. 80 N Florio Oakland. Two-story 7-room dwlg.
Owner—R. J. Phillips, San Francisco.
Architect—None.
Contractor—J. A. Marshall, Berkeley. \$5000

DWELLING
(4223) S E COR RITCHIE & NEY AVE Oakland. One-story 5-room dwlg.
Owner—Samuel V. L. Fevere, 641 13th St., Richmond.
Architect—None. \$3300

DWELLING
(4224) N E COR SEVENTY-SECOND Ave., Oakland. One-story 4-room dwelling.

Owner—C. S. Butler.
Architect—None. \$2000

DWELLING
(4225) E SIXTH AVE. 50 S E-8th St. Oakland. One-story 4-room dwlg.
Owner—Mrs. A. J. Olsen, 603 E-8th St., Oakland.
Architect—None.
Contractor—O. R. Johnson, 3131 Talbot Ave., Oakland. \$3000

ALTERATIONS
(4226) 468 THIRTY-FOURTH ST., Oakland. Alterations.
Owner—W. H. Watson.
Architect—None.
Contractor—R. A. Stewart, 437 Perkins Oakland. \$1600

DWELLING
(4227) LOTS 4 & 5 MAP REDWOOD Park, Oakland. One-story dwlg. except painting and papering.
Owner—William A. Mortimer, Oakland.
Architect—None.
Contractor—F. C. Stelte, 3453 Laguna Ave., Oakland.
Filed Sept. 28, 1922. Dated Sept. 26, 1922.
Frame up \$560
Brown coated 850
Completed and accepted 850
Usual 35 days 850
TOTAL COST, \$3410
Bond, none; Sureties, none; forfeit, none; Limit, 75 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded	Accepted
Sept. 22, 1922—PTN LOTS 13 and 17, Crocker Tract, Piedmont. Mary Nelson Hackett to Louis O. Hansson	Sept. 20, 1922
Sept. 22, 1922—GLASCOCK AND Twenty-third Aves., Oakland. Southern Pacific Co. to Hutchinson Co.	Sept. 16, 1922
Sept. 22, 1922—TWENTY-NINTH AV bet. E-16th and Estuary, Oakland. Southern Pacific Co. to Hutchinson Co.	Sept. 18, 1922
Sept. 22, 1922—PTN LOT 3 Map Land Brooklyn Land Co., Oakland. Walter O. Bean to whom it may concern.	Sept. 22, 1922
Sept. 22, 1922—LOT 12 BLK 5, Map Northac, Bkly. John O. Weston to whom it may concern.	Sept. 20, 1922
Sept. 22, 1922—PTN LOTS 5 and 6 Blk B, Champion Tract, Oakland. Rose Fooley to J. H. Martin.	Sept. 15, 1922
Sept. 22, 1922—NO. 3622 LYON AVE., Oakland. J. W. Sigwald to whom it may concern.	Sept. 21, 1922
Sept. 22, 1922—NO. 2900 SEMINARY Ave., Oakland. John J. Kirth to A. E. Orton.	Sept. 22, 1922
Sept. 22, 1922—LOT 18 BLK 1, Thousand Oaks Court Tract, Berkeley. Mary Davies Gaines Hamilton to Roy O. Long Co.	Sept. 18, 1922
Sept. 22, 1922—LOTS 37 AND 38, Flat-holder Tet, Oakland. Clarence E. Keller to R. Keller.	Sept. 18, 1922
Sept. 23, 1922—NO. 349 SAN CARLOS Ave., Piedmont. E. C. and Elsa May Hiestler to C. W. McKibbin.	Sept. 21, 1922
Sept. 23, 1922—LOT 86 Higgins Map of Berkeley. Herbert Scipp to Philip Duval.	Sept. 22, 1922
Sept. 23, 1922—LOT 38 BLK "B" Resubdivision Blk "E" Prospect Hill Tract, Oakland. Edlyn G. Meyer to I. G. Hudson.	Sept. 16, 1922
Sept. 23, 1922—LOT 2 BLK 2 Map Thousand Oaks, Berkeley. Lucy R. Streut to whom it may concern.	Sept. 16, 1922
Sept. 25, 1922—LOTS 5 AND 6 Resubdivision Ptn Blk "H" Vernon Park, Oakland. Rebecca and Patricia Fox to Leslie R. Wilson.	Sept. 14, 1922
Sept. 25, 1922—W EIGHTY-EIGHTH	

Ave 110 S E-14th 50x100, Oakland. Fred L. Hewitt to C. L. Hewitt... Sept. 23, 1922
Sept. 24, 1922—LOT 12 BLK 15, Map Northrac, Berkeley. Thomas W. Firby to R. Perrott... Sept. 22, 1922
Sept. 26, 1922—W FORTY-SECOND Ave 46 S Carrington, Oakland. E. M. Attebery to whom it may concern... Sept. 25, 1922
Sept. 26, 1922—PTN LOTS 1 AND 2 Blk C Map Peralta Heights, Oakland. John Tisch Sr to M. F. Sommarstrom... Sept. 25, 1922
Sept. 27, 1922—LOT 45 BLK 4, Map South Lakeshore, Glen, Oakland. Thomas F. Brennan to whom it may concern... Sept. 26, 1922
Sept. 27, 1922—LOT 23 Map North Christiania Tract, Albany. Helmer Johnson to whom it may concern... Sept. 26, 1922
Sept. 27, 1922—NO. 2223 FIFTH ST., Berkeley. John Browning to Clarence M. Starr... Sept. 26, 1922
Sept. 27, 1922—NW SIXTIETH AVE and Foothill Blvd 50x80, Oakland. August Korber to W. T. Vaughn... Sept. 24, 1922
Sept. 27, 1922—NE GLENDALE AVE 269.60 NW Edgewood Ave NW 45 x NE 110 Oakland. Thos F L Farlong to whom it may concern... Sept. 25, 1922
Sept. 27, 1922—PTN LOT 4 BLK "G" Revised Map Oakland Heights, Oakland. Abul Hosmer to Geo W Anderson... Sept. 26, 1922
Sept. 28, 1922—E PIEDMONT AVE 120 S Dwight Way S 75x E 135, Berkeley. Anne B. Gray to L. L. Lucas... Sept. 27, 1922
Sept. 28, 1922—LOT 36 BLK 5, Map Medina Heights, Oakland. Elizabeth K. and L. J. White to Oakland Home Builders, Inc... July 29, 1922
Sept. 28, 1922—LOT 13 BLK "E" Map Lakewood Park, Piedmont. Flora D. Kimball to whom it may concern... Sept. 20, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
Sept. 22, 1922—LOTS 22 and 23, Blk B, Map Broadway Terrace, Oakland. Pacific Mfg Co vs Arthur Steele and D. E. Culbertson.	\$512.44
Sept. 23, 1922—SW WESTERN BLVD 179.96 SE Sunset Blvd SW 204.64 SE 72 NE 233.67 NW 77.63, Hayward. Sunset Lumber Co vs Florence M. Smith and J. W. Powers.	\$242.02
Sept. 23, 1922—E POPLAR 195 N 14th N 40x E 115, Oakland. A. Francard & Son vs John Anticevich and Chas. Garcia.	\$393
Sept. 23, 1922—LOT 6 BLK "C" Map Foothill Park Tet, Oakland. Maxwell Hardware Co vs H. M. Hicks and W. H. D. J. Ballentine.	\$57.53
Sept. 25, 1922—E FERRY being Ftn Lot 2 Blk "B" Revised Map Oakland Heights, Oakland. M. Dubovsky vs Bertila Grave and Gordon Wisner.	\$133.33
Sept. 26, 1922—LOT 39 AND 40 BLK "B" Map Resubdiv Blk "B" Prospect Hill Tract, Oakland. Maxwell Hardware Co vs H. M. Hicks and Forbie Flauneder.	\$33.84
Sept. 27, 1922—LOT 2 BLK 4, Map North Cragmont, Berkeley. Victor Devisigh vs Charles E. Arthur and M. E. Foreman.	\$295
Sept. 27, 1922—LOT 20 BL 4, Map North Cragmont, Berkeley. E. P. Tenny vs L. A. Sullivan, Charles E. Arthur and M. E. Foreman.	\$291.65
Sept. 27, 1922—N 41 LOT 18 BLK 6, Amended Map Portico La Loma Park, Berkeley. Gastman Mallett Co vs Veleria G. Kau.	\$960.56
Sept. 27, 1922—LOTS 13 AND 14 BLK "Z" Map Iveywood Tract, Oakland. Eureka Mill & Lumber Co vs Mrs. P. Riley, Raymond Thanes and J. W. Lyons.	\$320.98

Sept. 28, 1922—LOT 35 and N 10 Lot 36 Blk 73 Map Resbvdn Blk 73, North Addition, Oakland. E K Wood Lumber Co vs J P Silva and M J Furlado\$323.24

Sept. 28, 1922—NW NINETEENTH & Jackson W 350.50 NE 584.39 E 83.31 SE 51.11 SE 10.32 SE 45.47 SE 49.57 SE 19.60 SE 53.67 SE 55.78 SW 147.40, Oakland. General Pipefit Co. \$31.25; Michel & Pfeiffer Iron Works, \$2541.20 vs Percival A Palmer P Peterson, J J Stevenson and Robert Dalziel..

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Sept. 25, 1922—SW SEVENTH AND Clay W 150xS 100, Oakland. D C Stanford to Louis Schaffer et al\$145

Sept. 26, 1922—SW SEVENTH AND Clay W 150xS 100, Oakland. Harry P Williams to Louis Schaffer and J Rosenberg\$7059.08

Sept. 27, 1922—LOT 228 Blk 536 Map, Fourth Avenue Terrace Ext., Oakland. Bird Rymer Co, \$80; California Door Co, \$235.70 to W L Gallagher\$346.49

Sept. 28, 1922—SW SANTA CLARA Ave and NW Park Ave SW 166.76 NW 118 NE 45 NW 140 NE 120.19 SE 176.6 SW 190 SE 55 NE 130 S-E 27.5, Alameda. W H Poliard Jr to Tucker Investment Co\$346.49

Notice of Non-Responsibility

ALAMEDA COUNTY.

Sept. 22, 1922—SW 124 LOT 4, all Lot 5 Blk 5 Map Key Route Hights, Oakland. Alameda Investment Co as to improvements on property....

Sept. 22, 1922—LOT 14 BLK 7, Map Lakeshore Highlands, Oakland. Lakeshore Highlands Co as to improvements on property.....

Sept. 28, 1922—NW THIRTY-EIGHTH Ave 35 SW Honkins NW 190 SW 32-6 SE 100 NE 32-6, Oakland. Alameda Investment Co as to improvements on property.....

Sept. 28, 1922—LOTS 7 AND 8 BLK 76 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.....

Sept. 28, 1922—PTN BLK 5, Map Hayward Acres, Eden Tp. Alameda Investment Co as to improvements on property

BUILDING CONTRACTS

FRESNO COUNTY

\$5000 and Over Reported

OFFICE BLDG.
LOTS 13 TO 13 BLK 3, Windsor Terrace, Fresno. All work for one story office and club building. Owner—Pacific T. & T. Co. 1926 Tuolumna St., Fresno.

Architect—Coates & Traver, Rowell Bldg., Fresno.

Contractor—Fisher & McNulty, Mattei Bldg., Fresno.

Filed Sept. —, '22. Dated July 14, '22. As work progresses..... 75% Usual 35 days.....Balance

TOTAL COST, \$6755

Bond, \$3500. Surety, Mass. Bonding & Ins. Co. Limit, 60 working days from July 14, 1922. Forfeit, none. Plans and specifications filed.

DWELLING, \$6500; No. 603 Mildreda St. Fresno; owner, M. D. Bishop; contractor, S. J. Construction Co.

DWELLING, \$8500; No. 832 Weldon Ave., Fresno; owner, C. T. Walton 912 Van Ness Ave., Fresno; contractor, E. B. Morris, 312 Shasta St., Fresno.

DWELLING and garage, \$5000; No. 844 Vassar St. Fresno; owner, A. M. Bopp, 537 San Pablo St., Fresno; contractor, J. D. Brase, 2181 Lotus St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Sept. 22, 1922—5.45 FT. OF W 90 FT. of N 70 ft. Lot 15, Fresno Heights Homestead Tract, Fresno. Bert Garwood to whom it may concernSept. 20, 1922

Sept. 22, 1922—LOTS 8, 9 AND 10 Blk 3, Grand Ave Park, Fresno. Luigi Russo to whom it may concernSept. 19, 1922

Sept. 22, 1922—LOTS 43 and 44 Blk 4, Avalon Heights, Fresno. Marion Nugent to whom it may concern... ..Sept. 20, 1922

Sept. 22, 1922—LOTS 14 AND 45, Del Mar Tract, Fresno. A M Shinn to whom it may concern... ..Sept. 20, 1922

Sept. 22, 1922—LOT 2 Hillcrest Tract, Fresno. L A Montancon to whom it may concern... ..Sept. 21, 1922

Sept. 23, 1922—LOT 4 BLK 20, Hazelwood Addition, Fresno. H L Wilson to whom it may concern... ..Sept. 21, 1922

Sept. 23, 1922—LOTS 8, 9 AND 10 BLK 2, La Salle Tract, Fresno. Teresia Fenczazano to Fisher & McNulty... ..Sept. 21, 1922

Sept. 23, 1922—LOTS 8, 9 & 10 BLK 2, Farlier, Lee Jung to Fisher & McNulty... ..Aug. 26, 1922

Sept. 25, 1922—SELMA Associated Oil Co to whom it may concern... ..Sept. 20, 1922

LIENS FILED

FRESNO COUNTY

Recorded Amount
Sept. 21, 1922—E 74 FT. BLK 30, Forkner-Giffen Fig Gardens Sub 1, Fresno. Barrett Hicks Co vs W S Armstrong (re-recorded).....\$142

Sept. 25, 1922—LOTS 45 AND 46 BLK 7, Torrens Tract, Fresno. W C Swing vs Pearl Williams.....\$303

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2,500 and Over Reported

DWELLING, one-story 5-room, \$1650; No. 2205 C St., Sacramento; owner, G. E. Harvie, 2312 T St., Sacramento; contractor, G. E. Harvie, 2212 T St., Sacramento.

DWELLING, two-story, \$5000; No. 2527 L St., Sacramento; owner, H. F. Ruhe, 2527 L St., Sacramento; contractor, S. N. Robinson, Box 46 Del Paso Heights, Sacramento.

DWELLING, 2-story, \$6760. E ½ of N ¼ of lot 1 blk. K-L-21-82, owner, Mrs. I. F. McQueeney, 2106 "K" St., Sacramento. Contractor, Thos. B.

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville, Nevada City, Reno

SACRAMENTO OFFICE

ROSS E. PIERCE, Manager

905 SIXTH STREET

Hunt, 2926 "S" St., Sacramento. Recorded Sept. 23, 1922.

BAKERY, \$4500. 515 12th St., Sacramento. Owner—Jas. Kelly, Lakeside Sacramento, Contractor, Herndon & Finnegan, 1814 17th St., Sacramento.

SCHOOL HOUSE, \$13,114. S W Cor. Lemon Hill Ave. and Brighton Av. Sacramento. Owner, Elder Creek School District. Architect, E. C. Hemmings, Oschner Bldg., Sacramento. Contractor, Herndon & Finnegan, 1814 17th St., Sacramento. Recorded Sept. 22, 1922.

DWELLING, 1-story 5-room, \$3000, 2409 25th St., Sacramento. Owner, H. Russell, 1820 50th St., Sacto.

DWELLING, two-story 8-room and garage, \$10,300; No. 1108 43rd St., Sacramento; owner, Spencer Elliott 521 21st St., Sacramento; architect, Leonard Starks, Oschner Bldg., Sacramento; contractor, Herndon & Finnegan, 1814 17th St., Sacramento.

DWELLING, two-story 6-room, \$1000; No. 2322 Second Ave., Sacramento; owner, G. C. and F. L. Youngman, 2720 24th St., Sacramento.

DWELLING, one-story 5-room, \$3500; No. 1325 39th St., Sacramento; Owner, H. Chance, 1011 49th St., Sacramento.

DWELLING, one-story 5-room and garage, \$3800; No. 400 Thirty-first St., Sacramento; owner, Nora Darous, 825 14th St., Sacramento; contractor, Thos. B. Hunt, 2926 S St., Sacramento.

DWELLING, two-story 6-room and garage, \$5500; No. 814 Thirty-first St., Sacramento; owner, Emma Gore, 910 13th St., Sacramento, contractor, Chas. Carson, Box 1291; Route 4, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Sept. 21, 1922—E ½ LOT 3 BLK 1, J. 28th and 29th Sts., Sacramento. Thomas W and Rachie Chamberlain, to whom it may concern... ..Sept. 1, 1922

may concernSept. 19, 1922

Sept. 22, 1922—LOT 17 IVERSON Tract Mrs. A. King to whom it

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

\$2,500 and Over Reported

REPAIRS, \$1400; South Center St., Stockton; owner, Maud R. Friedberger.

RESIDENCE, \$10,000; North Baker St., Stockton; owner, Dr. and Mrs. J. L. Burcham.

RESIDENCE, \$8400; Lot 2 Blk 319, E of Center St., Stockton; owner, S. Gardella, 1407 E-South St.; contractor, J. A. Sleeth, 1004 S-Grant St., Stockton. Limit, 90 working days.

DWELLING, \$1000; West Fremont St., Stockton; owner, Mrs. K. Schmidt.

DWELLING and garage, \$4600; N. Stockton St., Stockton; owner, G. C. Eaton, 1166 W-Flora St., Stockton.

DWELLING, \$3600; Arcade St., Stockton; owner, J. W. Benham.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Sept. 21, 1922—LOT 28 BLK 5, City Park Terrace, Stockton. A L Tredway to W Buck and W H ColeJuly 26, 1922

Sept. 21, 1922—LOTS 1 AND 3 BLK 12, Stockton. Morris & Max Levy to N Clark & Son.....Sept. 15, 1922

Sept. 26, 1922—LOTS 1 TO 3 BLK. 6, Yosemite Terrace, Stockton. Edward N. D'Oyly to H. E. Vickroy...
.....Sept. 16, 1922

BUILDING CONTRACTS

SANTA CLARA COUNTY.

\$1,000 and Over Reported

E SIDE TWENTY-SEVENTH ST. about 300 ft. N. Alam Rock Ave., San Jose, Cal. Addition to freight house.

Owner—Western Pacific Railroad Co. Architect—None.

Contractor—R. O. Summers, 17 N 1st St., San Jose.

Filed Sept. 21, 1922. Dated Sept. 18, 1922.

As work progresses.....75%
36 days after completion.....25%
TOTAL COST, \$4403

Bond, none; Sureties, Globe Indemnity Co.; Forfeit \$201.50; Limit none; Plans and specifications filed.

HEATING SYSTEM

GILROY. All work for heating and ventilating work for Elementary School Building.

Owner—Gilroy School District, Gilroy.

Architect—Wyckoff & White, Growers Bank Bldg., San Jose.

Contractor—Lafourrette-Fical Co., Box 849, Sacramento.

Filed Sept. 22, '22. Dated Aug. 10, '22.

As work progresses.....75%
Usual 35 days.....25%
TOTAL COST, \$12,616

Bonds, \$4160 and \$6310. Surety, Fidelity & Deposit Co. of Maryland. Limit, none. Plans and specifications filed.

PLUMBING ON ABOVE.

Contractor—Lafourrette-Fical Co., Box 849, Sacramento.

Filed Sept. 22, '22. Dated Sept. 10, '22.

Payments same as above.....
TOTAL COST, \$4620

Bonds \$1155 and \$2310. Surety, Fidelity & Deposit Co. Limit, forfeit none. Plans and specifications filed.

HEATING SYSTEM

GILROY. All work for installation of heating and ventilation system in Jr. High School Building.

Owner—Gilroy School District, Gilroy.

Architect—Wyckoff & White, Growers Bank Bldg., San Jose.

Contractor—Lafourrette-Fical Co., Box 849, Sacramento.

Filed Sept. 22, '22. Dated Aug. 10, '22.

As work progresses.....75%
Usual 35 days.....25%
TOTAL COST, \$3259

Bonds, \$1625 and \$825. Surety, Fidelity & Deposit Co. of Maryland. Limit, forfeit, none. Plans and specifications filed.

PLUMBING ON ABOVE.

Contractor—Lafourrette-Fical Co., Box 849, Sacramento.

Filed Sept. 22, '22. Dated Aug. 10, '22.

Payments same as above.....
TOTAL COST, \$2475

Bonds, \$625 and \$1250. Surety, Fidelity & Deposit Co. of Maryland. Limit, forfeit, none. Plans and specifications filed.

ADDITION to business block, \$10,000; No. 166 W-San Fernando St., San Jose; owner, M. Costen, Premises, contractor Al. Compton, 547 N-7th St., San Jose

APARTMENTS, (8), two-story, \$14,000, S-Ninth St., near San Antonio St., San Jose; owner, Ernest L. Gardner; architect, C. C. Lewis, 329 S-5th St., San Jose; contractor, Lewis & Nelson.

ALTERATIONS, \$1500; No. 357 S-13th St., San Jose, owner, Leonard B. Edwards, Premises, contractor, Frank Thomy, 179 Leland Ave., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted

Sept. 20, 1922—N SIDE STEVENS Creek Rd. lot 50x150, distant 192 1/2 ft. W from intersection said road with Meridian Rd. Philip E. Drake to whom it may concern. Sept. 20, 1922

Sept. 21, 1922—LOT 51 PHELAN Tract of Schiele Sub. No. 4 B. J. Smith to whom it may concern Sept. 21, 1922

Sept. 25, 1922—PTN LOT 4 BLK 24, Castro & Calderon Subdivision, Mountain View. Raymond True to whom it may concern. Sept. 15, 1922

Sept. 26, 1922—LOTS 11 AND 12 BLK 3, Alba Park Addition, Palo Alto. Soren Pors to whom it may concern. Sept. 22, 1922

Sept. 26, 1922—DEVENORF SUB No. 3, Lot 35, San Jose. J. P. Mauchle to Jerome Garcia. Sept. 26, 1922

Sept. 26, 1922—NO. 117 N-34RD ST., San Jose. F. E. Weldon to whom it may concern. Sept. 25, 1922

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount

Sept. 22, 1922—LOTS A TO F incl Blk 6 Resub of Sub 1 Monte Vista also 192 acres being part of E 1/2 of NE 1/4 of Sec. 14 T 7 R 2 W M. D. M. Joseph Russo and G. R. Abraria, \$142,400; Sunset Lumber Co., \$6864.54 vs Monte Vista Packing Co. \$1551.67

Sept. 22, 1922—492 ACRES BEING part of E 1/2 of NE 1/4 of SE 1/4 of Sec. 14 Twp. 7 S R 2 W D. M. Great Western Supply Co. vs. Monte Vista Packing Co. \$2842.39

Sept. 23, 1922—LOTS A TO F incl. Resubdivision of Sub 1 Monte Vista also 492 acres being part of E 1/2 of NE 1/4 of SW 1/4 of Sec. 14, T 7 R 2 W. Henry Cowell Lumber & Cement Co. vs. Monte Vista Packing Co. \$1551.67

Sept. 25, 1922—LOTS A TO F incl. Resubdivision of Sub 1 Monte Vista also 492 acres being part of E 1/2 of NE 1/4 of SW 1/4 of Sec. 14, T 7 R 2 W. Duffield Lumber Co. vs. Monte Vista Packing Co. \$2984.76

Sept. 26, 1922—492 ACRES, being part of E 1/2 of NE 1/4 of SE 1/4 of Sec. 14, T 7 S R 2 W M. D. M. and all Blk 6 resub of Sub 1 of Monte Vista. Santa Cruz Portland Cement Co. vs. Monte Vista Packing Co. \$1393.04

Sept. 26, 1922—492 ACRES being Ptn of E 1/2 of NE 1/4 of SE 1/4 of Sec. 14 T 7 S R 2 W and all Blk 6 Resub of Sub 1 of Monte Vista. Herman T. Ludwig vs. Monte Vista Packing Co. \$2272.72

Sept. 26, 1922—LOTS A TO F incl. Blk 6, Resub of Sub 1, Monte Vista, also 492 acres being part of E 1/2 of NE 1/4 of SW 1/4 of Sec. 14, T 7 S R 2 W. W. J. Porter vs. Monte Vista Packing Co. \$862.23

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount

Sept. 25, 1922—LOT 23 BLK 23, Elridge Terrace, San Jose. C. E. Roberts to Anna May Foster. \$82.50

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW

LOT 33 BLK 48, Burlingame Addition No. 4. All work for bungalow.

Owner—Wm. F. Mullem, 115 Clayton St., San Francisco.

Architect—None.

Contractor—Henry F. Meyer.

Filed Sept. 25, '22. Dated Sept. 22, '22.

As work progresses.....\$750

Brown coated.....750

Completed.....750

Usual 35 days.....750

TOTAL COST, \$4600

Bond, limit, forfeit, plans and specifications, none.

DWELLING

PTN LOTS 20 AND 21 BLK 9, Sub 2 Burlingame Park, Burlingame. All work for one-story frame dwelling

Owner—L. E. Beban, 25 Hill St., San Francisco.

Architect—None.

Contractor—C. G. Adams, 109 Arundel St., Burlingame.

Filed Sept. 25, '22. Dated June 24, '22.

Framed.....\$800

Brown coated.....800

Completed.....855

Usual 35 days.....820

TOTAL COST, \$3275

Bond, none. Limit, 65 working days after June 26, 1922. Forfeit, plans and specifications, none.

RESIDENCE

LOT 6 BLK 3, Hayward Addition to San Mateo. All work for frame residence with basement and garage.

Owner—Robert E. Reid.

Architect—None.

Contractor—J. F. Turner, 26 North C St., San Mateo.

Filed Sept. 23, '22. Dated Sept. 13, '22.

Rough floors in.....\$900

Raffers up.....300

Enclosed.....300

Completed.....900

30 days after.....1209

TOTAL COST, \$4800

Bond, \$2500. Sureties, Chas. Pederson and Frederick J. Smith. Limit, 90 days. Forfeit, plans and specifications, none.

BUNGALOWS

LOTS 13 AND 14 BLK 16, Crocker Tct., Daly City. All work for two bungalows.

Owner—Ford G. Kilinger, Daly City.

Architect—None.

Contractor—Chas. G. Adams, Burlingame

Filed Sept. 25, '22. Dated Sept. 2, '22.

Framed completed.....each \$900

Brown coated.....each 900

Completed.....each 900

Usual 35 days.....each 900

TOTAL COST, \$7200

Bond, limit, forfeit, plans and specifications, none.

COMPLETION NOTICES

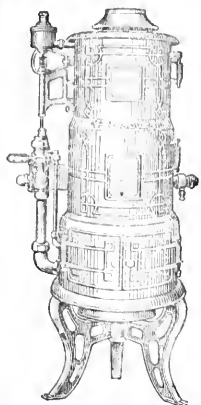
SAN MATEO COUNTY

Recorded Accepted

Sept. 22, 1922—LOTS 3 AND 4 BLK 13, San Carlos. Frederick and Mary Rosenstein to whom it may concern.Aug. 24, 1922

Sept. 22, 1922—LOT 6 BLK 51, Easton No. 5, Burlingame. General J. J. Gooch to Martin Peterson.Aug. 22, 1922

Sept. 26, 1922—LOT 24 BLK 4, Easton Addition, Burlingame. Daniel H. Crawford to F. M. Neber.Sept. 18, '22



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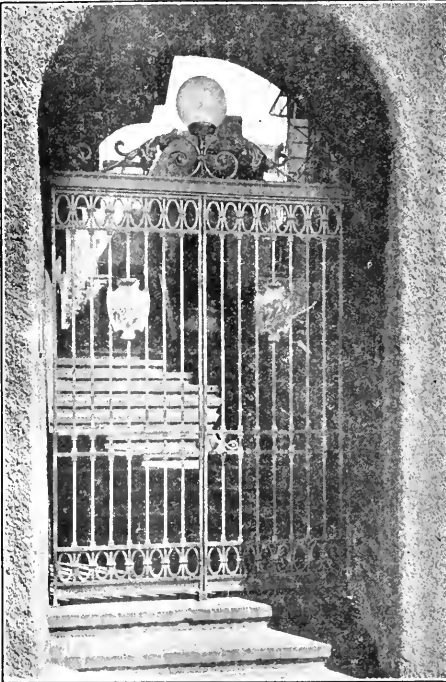
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SAN FRANCISCO, CALIF., OCTOBER 7, 1922

Published Every Saturday
Twenty-second Year No. 40

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., OCTOBER 7, 1922

Twenty-second Year No. 49



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CITY PLANNING EXHIBIT WILL BE FEATURE OF OAKLAND HEALTH AND SAFETY EXPOSITION

Preparations are being made for the forthcoming city planning exhibit in connection with the International Health and Safety Exposition to be held in the Municipal Auditorium, Oakland, Calif., from November 17 to the 26th. Exhibits are being sent in from all parts of the United States including one-man exhibits of a number of city planning engineers and consultants and drawings and models of work contemplated by various cities.

There will be one day on the program of speakers devoted to the subject of city planning and a number of nationally known authorities are being notified to participate. Assurance has been received that Edw. H. Bennett, of Chicago, will be in attendance.

The committee in charge of the exhibit consists of Howard Gilkey, City Landscape Engineer, of Oakland, as chairman, assisted by Edw. H. Bennett, architect, Chicago; Stephen Child, City Planner, Boston; Hugh Y. Davis, architect, Stockton; Jno. J. Donovan, architect, Oakland; Wm. B. Fayville, president, A. I. A. architect, San Francisco; H. A. Lafler, Industrial Expert, Oakland; Prof. Eugen Neuhaus, art department, University of California, and John Nolan, landscape architect, Cambridge, Mass.

It is also understood there will be a gathering together of architects and city planning experts to be held in conjunction with the exposition, plans of which will be announced later.

Jamestown Metal Desk Co., 17 Beacon Bldg., Oakland, manufacturing a high grade line of hollow metal doors and trim has been appointed Coast representative for the Pomeroy product hollow metal, fire retardant windows and sash. The company, which was recently awarded the contract for metal desk equipment for the Anglo-London National Bank, solicits the opportunity for estimating on these several important fireproofing accessories.

FIGHT FOR OPEN SHOP BRINGS REFORMS

Reforms within the body of the labor movement can only be brought about by pressure from the outside, notably by the open shop agitation, according to Noel Sargent, manager of the open shop department of the National Association of Manufacturers. As an example of this, Sargent cites the recent announcement of the American Federation of Labor that it has taken a determined stand against jurisdictional strikes, which are aimed not against employers, but against rival labor unions who quarrel over their exclusive rights to do certain kinds of work.

Sargent declares these strikes have been causing enormous losses to both the workers and the employers and great inconvenience to the public. Reviewing the history of jurisdictional strikes during the past twenty years, Sargent predicted the failure of attempts by unions to eliminate such strikes because of their purely selfish nature. He added that the adoption of open shop conditions was the only way by which this could be brought about.

"We optimistically anticipate," his statement continues, "that public opposition of other union policies and methods will result in still more 'announcements' by the Federation that reforms are to be accomplished. But, judged by the past, such 'announcements' will be forgotten and more promises made in the future instead of fulfillment of past promises. During the past twenty years jurisdiction disputes have not lessened.

"The open shop movement has been so widely and spontaneously supported by manufacturers and enthusiastically indorsed by the public that the closed shop forces represented by the American Federation of Labor are desperately endeavoring to find some way of making the public believe that an internal 'whitewash' has been administered.

"The American Federation of Labor is now admitting its own decay—twenty years ago when Mr. Gompers predicted the harm that would be done to unions by jurisdictional strikes only one important town in this country enjoyed open shop building conditions; today over twenty-five important American cities have more than 75 per cent of their building done on an open shop basis. This last 'annual decision' of the American Federation of Labor given out for public consumption, is a significant administration of the vast spread of open shop sentiment in our country."

ELECTRICAL INDUSTRY SHOWS GREAT GAINS

Having expanded within the last several decades until it is the forefront of America's great trade activities, the electrical industry reports for 1921 that a total of 7,638,409 homes in the United States are now wired for electricity. This is somewhat more than a third of the total number of homes in the entire nation, estimated at 21,145,100.

The number of homes wired for electricity at the end of 1920 was 6,219,160, showing a gain for the year of 1921 of 1,345,149 houses. The number of residence customers increased by 1,001,700, amounting at the end of 1921 to 8,467,600.

The growth since 1915 is reflected in the following statement of total residence customers and the gain for the years given: 1915, customers, 4,066,290; gain, 571,000; 1917, customers, 5,241,000; gain, 614,000; 1919, customers, 6,517,600; gain, 772,800; 1921, customers, 8,467,600; gain, 1,001,700.

Leaders in the electrical trade predict that by 1923 there will be 10,677,600 residence customers, and by 1925, 12,215,600. These predictions indicate the convictions of those in close touch with the great industry relative to a general revival of good business. All branches of the trade are reported to be working well together.

LABOR WINNING FIGHT AGAINST OPEN SHOP, LABOR LEADER SAYS

Union labor, particularly the building trades, is slowly but surely winning its fight in this state in the open shop war, F. C. MacDonald, president of the California Building Trades Council, told delegates at a meeting of Fresno Council in that city Oct. 2.

MacDonald, who was accompanied by three other labor officials, all of whom addressed the meeting, asserted that victory was in sight for the union builders at San Jose, while conditions were gradually improving in San Francisco and Bakersfield.

He praised the employers and workers of Fresno and Sacramento for the harmonious settlement of their differences, and declared that what is known as the "Fresno plan" would form the basis for the terms on which industrial peace would reign.

Other speakers before the council were Joseph Tut, chairman of the state conference of painters, with offices in San Francisco; Victor E. Rudin, of Seattle, special organizer for the Painters, Decorators and Paper Hangers of America, and Mr. Stinging, a union official of Chicago.

EFFECT OF INUNDATED SAND ON CONCRETE

The U. S. Bureau of Standards has started an investigation to determine the feasibility of measuring sand for concrete in an inundated condition. With small additions of moisture to sand, the sand swells, that is, the volume occupied by a given quantity of sand increases, and this increase sometimes reaches an amount as large as 33 per cent of the original volume. Conversely, the quantity of sand in a measure of given size varies greatly with the amount of moisture in the sand. This fact makes it difficult to insure the same proportion between sand and cement in successive batches of concrete because the percentage of moisture in sand varies greatly from time to time. Preliminary investigations have indicated that if the vessel in which the sand is measured contains sufficient water to submerge the sand, the same quantity of sand can be placed in the vessel regardless of the quantity of moisture originally obtained. The investigation is to determine whether the measurement of sand inundated will effect uniformity in the proportioning of sand to cement and consequently uniformity in the strength of the concrete. An affirmative answer to this question would mean the solution of one of the most troublesome problems in the concrete industry.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

A full and complete report of the findings of the committee appointed by the San Francisco Chapter of the American Association of Engineers to study the various aspects of the proposed California Water and Power Act has been endorsed by the Chapter and by its sanction made available to anyone interested in the Act. The report represents over a half year of careful study by a committee of technical experts. The personnel of the committee consisted of J. J. Rosedale, chairman, construction engineer; Charles H. Lee, consulting engineer, former executive member California State Water Commission; Donald M. Baker, hydraulic engineer, George Mattis, consulting engineer, former city engineer of Oakland; and E. E. Carpenter, consulting engineer, who has had a broad experience in hydro-electric design, both in California and British Columbia. Financially feasible Water Power sites, comparison of the proposed California Water and Power Act with the Power Act of Ontario, Canada, private ownership versus public ownership, financial aspects of the California Water and Power Act and the workability of the Act, are the various phases and subjects of study as presented. The findings of this committee of engineers is not the work of theorists but comes from the sound, unbiased minds of men having no connection with parties proposing or opposing the Act, of practical judgment, and who have dealt for years with water and power problems in California. Every water or consumer of water and power should rely with safety upon the judgment of a technical organization sponsoring a report in opposition to such a drastic measure.

Eighty-eight new industrial buildings, costing \$2,265,700 were erected in San Francisco during the nine months ended September 30, thereby establishing a new record, according to figures announced by C. A. Day, director of the industrial department of the Department of Public Works. In the list of industrial buildings, only factories and warehouses are included. In addition to the new structures, figures from the office of the city building inspector show \$225,167 was expended for alterations, improvements and additions. This brings the total expended for industrial building construction up to \$2,490,867. Day estimates that \$24,000,000 worth of construction of all classes is now under way in San Francisco. This includes commercial, residential and industrial structures. September building permits, as announced from the office of the city building inspector, totaled 661, calling for an expenditure of \$2,951,858. This was an increase of thirty over September, 1921, when the 631 permits called for an outlay of \$2,100,000.

Says the Seattle Journal of Commerce: Building trades apprentices are being encouraged by older tradesmen to enter other lines of endeavor. The older and more experienced men tell the apprentices that construction work is too lightly paid, that the periods of activity are followed by periods of unemployment and that despite good wages while working, at the end of the year, when all is figured, the street laborer makes better money. Building tradesmen do not want the younger men to experience the disappointments they have. It cannot be disputed that the unions have tried to limit the number of apprentices entered by contractors. The situation from all angles is not satisfactory and building costs, because of inefficient system, have been unreasonably high. Steady employment at a lower wage would be better for the tradesmen, the contractors and the building public.

"A motor tourist can forget a rainy day, but he never will forgive a rough road". In the opinion of W. M. Kinney, general manager of the Portland Cement Association of Chicago, who is spending a few days in California on a business trip, California's road is a long way toward a long way. Kinney stated that practically every person he came in contact with who had visited California, had something good to say about the highway system. "More and more the motorist is coming to realize that his car is entirely dependent upon four small points of contact with the road," said Kinney. "Each wheel has only a few square inches in direct contact with the pavement. The safety of the car and its occupants depend on those four small points of contact, and naturally the motorist wants the sort of pavement that will give him most security. It is interesting to observe how the use of Portland cement concrete for street pavements has increased in California, as well as in other states, during recent years. The marked success of concrete for highways outside of the city has turned the attention of city officials to its possibilities for streets. California has at the present time more than six and one-half million square yards of concrete streets completed or in course of construction. This is equivalent to 263 miles of street, 40 feet wide. Of course, it is a matter of common knowledge that California is one of the leading states in the mileage of concrete highways. Well over 3000 miles of this type have been completed by the state and the various counties, on account of the increasing loads carried by motor trucks. Engineers are finding it necessary to build thicker and stronger pavements. This tendency is well exemplified in the new designs which are being so generally adopted for concrete pavements at present in California." Kinney stated that the coal strike seriously interfered with cement manufacture in some parts of the country, and that difficulty is being experienced in securing enough cars to haul the material and the aggregates needed for making concrete. "In spite of these difficulties, cement production in July and August broke all records," said Mr. Kinney. "The cement plants of the United States have produced at the rate of 132 million barrels per year for the past five months, and the demand in any one year has never exceeded 100 million barrels, so that while there may be a temporary shortage at times in certain sections of the country plenty of cement capacity is available to take care of the big increase in construction activity expected."

Critics in all parts of the country agree that the restriction of immigration is responsible for the present labor shortage in every line of industry, says Industrial Digest. The resumption of industrial activity has come at a time when farm labor is at its period of greatest employment and when large numbers of foreign-born workers have migrated to their homelands. The shortage in skilled labor is particularly acute and this is attributed to the failure of the apprenticeship system and a lack of proper training. The United States Secretary of Labor reports that unemployment has been reduced from 5,500,000 idle and 1,500,000 on part time which represents normal conditions in the United States. Of the 45 leading cities in the United States, 39 report an increase in employment and 25 a decrease during August, 1922.

(Continued on Page 7)

ALONG THE LINE



B. F. Jakobsen has established himself as a consulting hydraulic and electrical engineer with office at 321 Rowell Bldg., Fresno, and will act in a consulting and supervisory capacity, including the preparation of designs, specifications, reports and estimates for irrigation projects, power developments, dams, structures, sub-stations, transmission lines, pumping plants, city water works, industrial power development and electrification. For the past three years he has been designing engineer in charge for the San Joaquin Light & Power Corporation in connection with the Kereskoff and Kern River power development. For fifteen years he was an engineer connected with the United States Reclamation Service on the Salt River irrigation project (Roosevelt Dam), Arizona, and the Elephant Butte irrigation project, New Mexico, and with the power developments and electrifications of the Cerro de Pasco Mining Co., Peru, South America and the Homestake Mining Co., South Dakota.

Capt. Thos. Harold Messer, C. E. U. S. A., retired, has resumed private practice as consulting engineer with executive offices in the Mills Building, San Francisco. Captain Messer comes from New York with eighteen years of technical training and practical experience in building construction problems, architectural and landscape development, city and country planning and civic betterment.

The Gill Battery Co., capitalized at \$1,000,000, has been organized to manufacture and distribute the Gill battery in Pacific Coast territory. The company will erect a modern plant in Oakland for the manufacture of the product. It is expected the plant will be ready for operation early in 1923.

T. E. Stanton, assistant State Highway Engineer, has been selected to map out the proposed joint highway to be built by Sutter and Sacramento counties from a point near Nicolaus to the end of the present Natomas Boulevard, in Sacramento county.

Governor Emmet D. Boyle, of Nevada, announces that the mining engineering firm of Hendrie and Boyle, of which he is a member, will be consulting engineers for a company which will take over and operate the Berry and other mines in Six-Mile canyon near Virginia City. The governor will not take up his new duties until his term of office has expired.

Hubbard Machine Co. announces the opening of new offices and works at 963 Polson street, San Francisco. Facilities are provided for engineering of all classes of machinery and plant installation.

Portland, Ore., City Commission proposes to place on November ballot a measure providing for the issuance of \$500,000 in bonds to finance high pressure water system for fire protection.

Agricultural Engineering in Land Settlement

(By Max E. Cook)

Mem. A.S.A.E. Farmstead Engineer, California Land Settlement Work

Agricultural engineering constitutes the largest and most important part of the California land settlement work. In connection with the land settlement project at Delhi, for example, the work of the farmstead eng. dept. bears out this fact in a great variety of ways. The activities of this department embrace not only planning, designing, quantity surveying, obtaining competitive bids, letting construction of all classes of farm, town, and administrative buildings, but include also making individual farmstead layouts for all settlers, determining location and arrangement of buildings, lanes, corrals, poultry runs, domestic wells, orchards, vegetable gardens, etc. Individual settlers are given unlimited consultation in acquainting them with health recommendations relative to sewage disposal, protection of domestic water supply, insurance rates and hazards, requirements of good practice in plumbing, electric wiring, paint formulas, concrete mixing, chimney construction, carpentry, etc. All buildings are appraised and values set as basis for loans, and all buildings rented are scheduled by this department.

Active interest and support are given to community development, services being extended to school boards and settlers cooperative associations. This includes designing and supervising the construction of the community hall which was recently completed at Delhi.

The farmstead engineering department is maintained in recognition of the value of planned development. Through this department the settlers' time has been conserved and better buildings have been built at less cost than would have been possible had each farmer been obliged to make repeated trips to town for materials and assistance.

It has been demonstrated beyond question that when buildings are properly designed, planned, and built to meet individual requirements, contentment and success are more liable to follow than in cases where no organized effort is at work.

Loans made by the state are more securely protected and appraisals of building improvements are more accurately made with costs and building data amassed by this department as a basis.

In cases where a settler is more or less of a mechanic, and is in a good position to do his own building, he is advised to do so. In all other cases the contract system has proven most satisfactory. In either case a complete set of plans is furnished.

Under the contract system a set of specifications is drawn, and after the plans and specifications have been approved by the settler, the work is advertised for bids in the open market in accordance with regulation practice. Sealed bids are received and opened at a predetermined hour in the settler's presence. If accepted, and on receipt of authorization with accompanying deposit by the settler, a contract is entered into between the state and contractor, and work proceeds under the supervision of the farmstead engineer acting as agent of settler until completion and acceptance. The contractor's accounts are audited and the full responsibility is removed from the settler until he accepts the work as complete and satisfactory to him. This service is a complete architectural professional

service. The contractor is responsible for accident to his workmen or the public, for loss by fire, and is under bond for faithful performance of the contract.

Where a settler is able to do his own building work, a quantity survey of the materials required is made, and competitive bids taken on these materials in the same way that bids are taken on labor and material contracts. The settler is furnished a copy of the material list to serve as a guide, the list giving instructions for the cutting and placing of various items thereon.

Wherever it has been possible to purchase building materials in carload or large quantities by grouping orders this has been done to give the settler the benefit of the state's purchasing power.

By a careful system of checking contractors accounts, and by requiring detailed statements from settlers before loans are made, labor and material are given positive protection, saving them collection costs and making their business through the state very desirable. This is an important factor in keeping down costs.

Our well established contract system with its uniform and well known methods of procedure has earned the confidence of local contractors and has created a wide and keen competition.

The first building contract was awarded March 4, 1920. Today there are four hundred and fifty-four buildings on the settlement, they having been erected at the rate of a building 1.5 working days. Three hundred and thirty-nine are farm buildings on one hundred and thirty-two farms at a cost of \$177,749.00 including domestic wells, or \$1346.00 average per farm. There are eighty-six buildings on fifty-one farm laborers blocks at a cost of \$51,788, including domestic wells, or an average of \$1116 per farm laborers block. There are twenty-six administration buildings representing a cost of approximately \$85,000. The Wilson Community Hall cost \$10,000. The total value of all the buildings on the settlement, including domestic wells, amounts to \$325,000. Over \$170,000 of this amount was spent under contract; \$81,000 was produced by settlers labor from plans furnished by us; \$72,000 has been spent following settlers plans, but with construction supervised by this department. Ten per cent is a conservative estimate of the cost saved by this department in letting the work under contract. Still greater saving is effected through the intelligent planning of buildings, and by the utilization of the most suitable materials and of standard sizes that avoid waste.

Where special plans have to be prepared a charge of three per cent of the value of the work is made by the land settlement division. Where stock plans are usable the charge is two per cent, which has made this department self-supporting considering its contribution to general administration. It has also produced administration buildings at a cost of three per cent of their cost.

As in the case of all other buildings, the determination of the amount to be expended and the type of each dwelling to be erected is based on a personal in-

terview with the individual settler and a thorough knowledge of his requirements. There are three distinct ways of commencing the dwelling program, requiring earnest consideration. A dwelling may be designed with only the ultimate needs in mind, and more or less without regard to cost, being so planned that it may be built in units within reach of available cash.

The shell or skeleton of the dwelling may be built with a view to completing it in installments during the winter months and at odd times or as capital permits, or a temporary dwelling of a type suitable for converting to some utility use may prove most satisfactory. The latter type is the cheapest for all the material within it peculiar to a dwelling may be salvaged for later use in a permanent structure, leaving a higher type of utility building than perhaps could have been afforded otherwise. The complete unit costs the most for a corresponding amount of space for the reason that it is built with permanency in view.

Personal characteristics of the occupants play an important part in determining which path to follow. The temporary dwelling must not become permanent, the shell is not satisfactory unless completed and new units should follow with increases in the family expansion.

The type of poultry house adopted at Delhi as a standard is the University of California recommendation with a shingle roof and other minor exceptions. There is on the settlement today poultry housing capacity for 30,000 laying hens, if built end for end the housing would be a mile long. Over 23,000 of the total capacity is in the standard house at a cost of \$22,120 or 95 cents per hen. Remaining poultry houses are of various designs at a cost of \$7862 or \$118 per hen.

The California type of barn with central hay storage and vangs at either side is the most economical type and lends itself very well to erection on the unit system. Ears are located with relation to other buildings so that grade dairies are possible. The small barns are designed so that it is possible at a later date to convert into general purpose buildings such as more suitable to an orchard or vineyard development. Plans are under way for the erection of the first silo which will be of the farm bureau woodhoop type.

There are eighty-four 1 1/2 and 2-inch hydraulic wells and sixty-two 7-inch cased wells on the settlement. The 7-inch cased well is recommended for domestic supply and the average depth of such wells on the settlement is sixty-six feet with fifty-five feet of casing at an average cost of \$198. The water stands in the wells at depths varying in the settlement from fourteen to twenty-five feet, with a limited levy of a greater depth, and an average of approximately eighteen feet.

Loans to settlers on buildings are based on itemized statements of cost and bills and receipts produced by the settler, checked against current cost, and backed by personal inspection and appraisal.

There has been \$95,000 loaned on buildings and wells, over \$70,000 of which has been certified on one hundred and seventy-one separate certifications of inspection and analysis, the remainder on forty-nine separate improvement and construction contracts.

SACRAMENTO BUILDING ACTIVITIES SLACKEN DURING SEPTEMBER

September was a slow building month compared to other months of the year, a report of City Building Inspector Ben H. Covell, of Sacramento, shows. The total value of September building is \$328,560, compared to \$867,046 for August. New buildings in September of last year totaled \$918,121, the large amount being due principally to several new school buildings on which construction was started that month. New dwelling houses represent the bulk of last month's business, 56 one-story structures being started at a cost of \$177,911. Three new flat buildings represented a total value of \$30,500 and repairs to 93 dwellings and 20 business buildings aggregated \$65,169. Forty-two private garages were erected at a cost of \$6305. To date this year new buildings in Sacramento exceeds by more than \$300,000 the value of new buildings erected in Sacramento during a like period of last year. According to Covell's report the total value of new building to date for which permits have been issued by his office is \$6,776,783 against \$3,465,497 for the first nine months of 1921.

EARLY FORMATION OF KINGS RIVER WATER DISTRICT SEEN

Application for the formation of the Kings River Water Storage District to irrigate more than 1,000,000 acres of land at a cost of \$30,000,000, has been filed with the State Department of Public Works. A dam will be constructed at Pine Flat in the Sierra Nevada mountains, to store 500,000 acre feet of water and a power plant will be erected to furnish 30,000 kilowatts to the pumping plants, which will add 400,000 additional acre feet, according to the plans of the district organizers. The engineers in charge of the project say the formation of the storage district will double the irrigation efficiency of the Kings river through the conservation of waters now running to waste. It is planned to embrace fifteen separate irrigation and reclamation district in the new Kings river district. Most of those to be included are in Fresno, Kings and Tulare counties. A board of engineers has been investigating the project. The board is composed of J. B. Lippincott, Los Angeles; A. D. Schindler, San Francisco, and W. H. Shafer, Fresno.

FRESNO BUILDING THIS YEAR EXCEEDS SIX MILLION

In the first nine months of this year nearly six and a quarter million dollars have been invested in building construction in Fresno, according to figures compiled by the Department of Public Works. The total for the year, including the month of September, is \$6,122,174, of which \$5,695,191 is represented by new construction and \$426,983 in alterations and repairs. For the month just past the total was \$129,569 for 165 permits for new buildings and \$61,561 for 88 permits covering alterations and repairs, or a grand total of \$491,130. This grand total represents a 100 per cent increase over the same month of last year and a jump of more than 50 thousand dollars over the preceding month. In September, 1921, permits for \$153,275 in new construction were issued, while the total for August was \$383,575.

J. D. Canoles, formerly with the sales force of the California Pottery Company, has severed his connection with that firm and accepted a similar position with N. Clark and Sons, manufacturers of face brick and all type of clay products.

Brumfield Electric Sign Company Starts Construction of Modern Plant

Construction of a new plant for the Brumfield Electric Sign Company, now located at 18 Seventh Street, has been started in the south side of Folsom street just east of Sixth by R. J. H. Forbes, contractor, Monadnock Building. The structure will be of frame and concrete construction. The frame portion will cover a ground area of 25 by 80 feet and the concrete section 75 by 85 feet. The building when completed will represent an expenditure of approximately \$15,000 exclusive of equipment.

Increased business, enlarged territory and the entry of the company into the theatrical stage lighting equipment business forced the firm to seek larger quarters, according to Edward Brumfield, general manager of the company.

In addition to filling local orders for marques and electric signs the Brum-

field Company is completing a large order for a firm in Honolulu and another in Arizona. Recent San Francisco installations include the Mutual Drug Company at Fourth and Market streets, the branch store of Granat Brothers, jewelers, in Geary street, and a number of installations for the Wakelee Drug Company in various sections of the city. Special orders were filled by the company for electric sign installations at the Pine Tree Theatre, Klamath Falls, Oregon, and the Unique Theatre at Santa Cruz.

The new plant of the Brumfield Co. will have every facility for the manufacture and repair of all classes of electrical stage lighting equipment in addition to marques and electric signs. An appropriate slogan adopted by the Brumfield Company is: "When a better sign is made—Brumfield will make it."

Eccles and Smith Company Reorganizes

Undoubtedly the most interesting and the most important of the recent reorganizations in the machinery field is that which has been effected in the firm of Eccles and Smith.

This house was established in 1900 and has always enjoyed a very high reputation for straightforward business methods and for promptness in the correct shipment of orders. Negotiations quietly begun some time ago with the idea of associating in the business some of the best known machinery men on the Pacific Coast. These negotiations have been completed and we are now able to announce that Eccles and Smith Company is composed of the following men, all of whom are well known throughout the machinery world: Philip Rowe, Chris Eccles, R. W. Baxter, W. E. Ringwood and Frank T. Sweeney.

A short resume of the careers of these men will make apparent the strength of the combination and its ability to render useful service in the Pacific Coast machinery trade. In bringing to them the products of the leading manufacturers of the country.

Philip Rowe has been connected with the Hallidie Machinery Company of Seattle, Washington, for twenty years, completing this time as its president and major owner.

Chris Eccles, as one of the founders of the Eccles & Smith Company, has been the moving spirit, in recent years at least, in the progressive policies of that concern.

R. W. Baxter is a thorough railroad man and traffic expert and is known as such from the Atlantic to the Pacific. Starting with the Union Pacific as a messenger boy, he became consecutively telegraph operator, train dispatcher, train master and superintendent, after a period as superintendent with various other roads he became general superintendent of rail and water lines with the Pacific Division of the Union Pacific. In 1912, Mr. Baxter took charge of the Alaska Steamship Company, the Copper River and North Western Railroad and other properties for the Morgan-Guggenheim syndicate. Mr. Baxter's wide railroad acquaintance and his thorough knowledge of railroad methods will be a valuable asset to the new Eccles & Smith Company.

W. E. Ringwood is perhaps as well known to the Pacific Coast machinery his sixteen years of service in the Har-

ron, Rickard & McCone Company have given him a specialized expert knowledge of metal working machinery requirements that will be of immense assistance in the new association.

trade as any man now in the business.

Frank T. Sweeney has for sixteen years been prominently identified with Eccles & Smith Company.

The character, standing and experience of these men is a guarantee insuring the continuance of the same policies that have made the Eccles & Smith Company so popular with the machinery users of the Pacific Coast, and is also a promise that these policies will be carried out in a more progressive spirit.

The location both in San Francisco and Los Angeles remains unchanged. Complete stocks will be carried in both buildings, including very full lines of all classes of metal working machinery, shop accessories and supplies, and in addition a thoroughly representative stock of railroad and railway supplies.

These stocks of tools and supplies have been carefully selected by experts from the product of firms having an international reputation in their respective lines, and along with this known quality Eccles and Smith are prepared to give a very high class of service. At the same time the financial ability of this firm enables purchase in large quantity, thereby giving customers the benefit of a fair price.

Eccles & Smith represent the following firms and carry a complete stock of their materials: Heald Machine Co., cylinder grinding machines; R. K. Le Blond Co., cutter grinders, lathes, milling machines; Sidney Machine Tool Co., lathes; Gould and Eberhardt, shapers, automatic gear cutting machines; Landis Machine Co., pipe threading and cutting machines; Fellows Gear Shaper Co., "high duty" gear shapers; Seneca Falls Mfg. Co., "Star" lathes; Badger Tool Co., grinding machinery; Becker Milling Machine Co., milling machines; Fosdick Tool Co., sensitive upright and radial drills; Giddings and Lewis, horizontal boring machines; International Machine Co., "Libby" lathes; Yoder Co., sheet metal machinery; Buffalo Forge Co., forges, blowers, drills, punchers and shears.

Western Machinery World extends congratulations to the new organization and best wishes for a useful and highly prosperous career.

SUMMARY OF OAKLAND BUILDING PERMITS FOR THE MONTH OF SEPTEMBER, 1922

Classification of Buildings	No. of Permits	Cost
1-story dwellings.....	276	\$ 775,875
1-st 2-family dwellings.....	2	5,000
1-st dwelling and store.....	2	5,500
1½-st dwellings.....	7	35,614
2-st dwellings.....	14	106,200
2-story flats.....	9	89,570
2-story apartments.....	5	68,000
1-story stores.....	4	25,710
1-story offices.....	5	1,135
1-story greenhouse.....	1	1,500
1-st shelter station.....	1	900
1-story shop.....	1	500
1-story warehouse.....	1	7,500
1-story laboratory.....	1	5,000
1-story morgue.....	1	7,000
2-story office.....	1	3,000
2-story factory.....	1	4,000
2-story church.....	1	28,000
1-story brick office.....	1	2,000
1-st brick service stn.....	1	2,000
1-story brick dwelling.....	1	2,000
1-st brick & conc store.....	1	16,000
1-st brick & conc office.....	1	5,000
2-st brk & conc school.....	1	326,450
1-story concrete garage.....	3	2,500
1-st concrete dwelling.....	1	3,000
1-story tile service stn.....	1	1,000
1-story tile store.....	1	550
1-story tile dwelling.....	3	9,500
1-st steel service stn.....	1	1,000
2-st S&bk ferry add'l cost.....		25,000
Electric signs.....	9	2,218
1-st garages&sheds.....	347	49,173
Additions.....	102	1,753,783
Alterations & repairs.....	162	65,866
Total.....	868	\$1,755,139

SUMMARY		
New construction.....	706	\$1,722,573
Alterations & repairs.....	162	65,866
Total.....	868	\$1,788,439

UNIVERSITY OF ILLINOIS ISSUES BULLETIN ON REHEATING OF COMPRESSED AIR

For many years compressed air has been employed as a medium for the transmission of power. The ease and economy with which compressed air can be transmitted for comparatively long distances through pipe lines, and the variety of air motors and tools now available have led to the extensive use of compressed air in mining, quarrying, and tunneling, in various shop processes, and in the development of power.

In the smaller air motors, air-driven tools, and devices operated by compressed air that are run intermittently the air is not as a rule used expansively, economy of operation being sacrificed for simplicity and minimum initial cost of equipment. When motors are operated continuously for considerable periods of time, economy of operation becomes a factor, and it is essential that the air be expanded in the motor. The temperature of the air as it reaches the motor would normally be little if any above atmospheric; consequently, in accordance with well known principles, after expansion it would be so low as to cause operating difficulties resulting both from the freezing of the moisture in the air and the consequent accumulation of ice in the exhaust pipe, and from the interference with cylinder lubrication and resultant loss of mechanical efficiency.

These difficulties may be overcome by heating the air before its delivery to the motor to an initial temperature such that the exhaust temperature will be above the freezing point of water, this heating process being commonly designated as "reheating." Reheating not only reduces operating difficulties but also affords a means of increasing the total output of power per pound of air by the expenditure of a small amount of heat energy.

An investigation leading to the publication of a bulletin was undertaken by the Engineering Experiment Station, University of Illinois, was to determine the ideal thermodynamic efficiencies resulting from the heat expended in the reheating process, the efficiency and internal combustion reheaters, and the performance of an engine operated with air used expansively, with steam alone, and with a mixture of air and steam, the steam being injected into the air pipe as a means of reheating the air. Copies of the Bulletin (No. 130) will be sent on request to Engineering Experiment Station, Urbana, Illinois.

SEPTEMBER BUILDING SUMMARY

Building activities in San Francisco for the month of September, 1922, as compiled by Chief Inspector of Buildings John P. Horgan, of the Board of Public Works, total \$2,951,858. During the month 661 permits were issued for private building operations. For the same period in 1921 the totals were 63 permits representing construction totaling \$2,100,163. Following is a segregated report as compiled by Chief Inspector Horgan:

Class	Number	Est. Cost
"B".....	3	\$ 750,000
"C".....	18	660,900
Frames.....	210	1,128,583
Alterations.....	430	112,375
TOTAL.....	661	\$2,951,858

The Observer.

(Continued from Page 4)

Because the Union joint school district, lying partly in Riverside and partly in San Bernardino counties, had been annexed to the Riverside High School District, legal experts have declared the \$175,000 bonds recently voted by the district are invalid, and the bond buyers have refused to accept them. Lloyd C. Kelley, District Attorney of Riverside County, says the only procedure now is to test the validity of Sec. 1734-B, California political code, passed in 1921, providing that "every elementary school district must be annexed to the nearest high school district." It was under this section the Union joint school district was annexed and the bond experts held the supervisors of Riverside county had no authority to annex territory outside the county.

U. S. Civil Service Commission will receive applications until December 25 for examination for "structural steel work draftsman." Two vacancies exist at naval operating base, Pearl Harbor, Hawaii, one at \$7.20 per diem and the other \$7.60 per diem, each with an additional allowance of 96 cents per diem while employed at the station. A vacancy in the Public Works Department, Naval Station, St. Thomas, Virgin Islands, also exists at \$6.80 per diem. Applicants should apply for Form 1312, which may be had from either the Commission at Seattle, Wn., and San Francisco, California.

Alfred B. Davis, retired lumber merchant, formerly of California, died in Philadelphia Sept. 25. Davis formerly resided in San Francisco and was president of the Foresta Land Company, which has large timber holdings in the vicinity of the Yosemite Valley. He was also president of the Panama Products Company, a concern which is developing a tract of land in the canal zone.

R. R. Morehead, Spokane, Wn., has contract to erect \$450,000 ice manufacturing and cold storage warehouse at Chelan, Wn., for Great Northern Railroad.

Federal Power Commission has granted permit to California-Oregon Power Co., covering project on Klamath River near northern border of California which is planned to produce 120,000 horsepower, also to the Little Rock Power and Water Co., to proceed with the development of Little Rock creek in Southern California to produce 2300 horsepower. The commission also issued permits covering an extension project by the Sawtooth Power Co., on the Kruzeamapa river and one by the Willow Creek Mines on the Cranice creek, both in Alaska.

C. M. Levey, of the Western Pacific Railroad, denies rumors that his company, the new owners of the Sacramento-Northern Railroad, contemplates an extension of the latter road to the foothill section in Yuba county, thereby feeding an acreage estimated at approximately 200,000 acres. According to the rumor the branch would extend from Marysville to Marygold and Hammon, accommodating the big gold dredging industry of those places, thence to Brown's Valley, Stone House, Lancaster, Wyandotte and Oroville.

Funds for immediate prosecution of the projects authorized in the rivers and harbors law just passed by Congress are not available and probably will not be available until next March. A regular appropriation bill will have to be passed covering all of the projects. There is \$100,000 available for the maintenance of work in Oakland harbor heretofore authorized. All the money authorized for San Francisco has been expended with the exception of a small amount for inspection purposes.

During the month of September 117 building permits were issued in Stockton for work costing \$148,936. For the same period in 1921 the totals were 105 permits for improvements costing \$129,145. For the first nine months of this year the total building in Stockton is far greater than for any previous nine months in the local history. To date permits total \$2,617,527, as compared with the previous total of \$2,665,533 for 1920.

September building activities in Berkeley not only exceeded September, 1921, activities by \$158,771 but established a new September record of \$471,400. This brings the total cost of building in Berkeley since the first of the year to \$4,602,448.

Directors of Modesto Irrigation District vote to defer construction of transmission line from Don Pedro dam site until bonds for entire distributing system are voted. The line will cost approximately \$300,000.

More than a million and a quarter dollars have been expended in building in Palo Alto for the nine months ending September 30. September permits totaled \$122,239, an increase of \$21,383 over the totals for August.

Alameda building activities for September totaled eight new buildings costing \$34,000. Forty alteration permits were issued during the month.

W. L. Stoddart, of New York, has been chosen by the Tacoma, Wash., hotel committee to design the \$1,000,000 hotel building for that city.

A. R. Hancock, formerly of Willows, Cal., has opened quarters at 608 Montgomery street, Oroville, and will engage in the electrical business.

Alpha Hardware and Supply Co., Hussey Bldg., Nevada City, Calif., suffered \$8500 fire loss.

Building News Section

APARTMENT HOUSES

Contract Awarded.
APARTMENTS Cost—
SACRAMENTO, Sacramento Co., Cal.,
 215 "G" St.
 Two-story frame apartment house (4
 4-room apartments).
 Owner—Carl Vinning.
 Architect—Frederick S. Harrison, Peo-
 ples Bank Bldg., Sacramento.
 Contractor—A. W. Norris, Peoples
 Bank Bldg., Sacramento.

Permit Applied For—To Be Done By
 Day's Work.
APARTMENTS Cost, \$40,000
SAN FRANCISCO, W Hyde 96 S Sutter
 Six-story and basement Class C con-
 crete apartment house (23 apts.).
 Owner—Louis Blum, 180 Jessie St., San
 Francisco.
 Architect—C. O. Clausen, Hearst Bldg.,
 San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, \$25,000
SACRAMENTO, Sacramento Co., Cal.,
 No. 3014 G St.
 Two-story frame, brick veneer and
 stucco apartment house (8 3-room
 apartments).
 Owner—A. W. Norris, Peoples Bank
 Bldg., Sacramento.
 Architect—Frederick S. Harrison,
 Peoples Bank Bldg., Sacramento.

Contract Awarded.
APARTMENTS Cost, \$35,000
SAN FRANCISCO, E Van Ness Avenue
 106 N Union Street.
 Three-story and basement frame (12)
 apartments.
 Owner—W. C. Gould, Baker St., San
 Francisco.
 Architect—None.
 Contractor—J. Front, 515 Magellan
 Ave., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, \$—
LOS ANGELES, Los Angeles Co., Cal.,
 Grattan St. near Ninth.
 Four-story brick apartment house (3)
 2 and 3-room apts.).
 Owner—F. Cappellans.
 Architect—R. H. Spurgeon, Grosse
 Bldg., Los Angeles.

Segregated Figures Being Taken.
APARTMENTS Cost, \$30,000
STOCKTON, San Joaquin Co., Cal., N.
 San Joaquin and Poplar Sts.
 Two-story brick apartments (8 4-room
 apts.).
 Owner—F. L. Balkwill.
 Architect—Glenn Allen, 37 S-Aurora
 St., Stockton.

Preliminary Sketches Prepared.
APARTMENTS Cost, \$650,000
LOS ANGELES, Los Angeles Co., Cal.
 Wilshire Blvd.
 Ten-story reinforced concrete Class A
 apartments.
 Owner—Withheld.
 Architect—Heiman, 57 Post St., San
 Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, \$60,000
SAN FRANCISCO, Stockton St. nr Bush
 Six-story and basement reinforced con-
 crete (29) apartments.
 Owner—E. V. Lavey, 180 Jessie St.

Contract Awarded.
APARTMENTS Cost, \$11,000
SAN FRANCISCO, 17th Ave. near C.H.
 Fornia St.
 Two-story and basement frame (4)
 Apartments.
 Owner—Cornelius Morse.
 Architect—Klaus Adler, 493 22nd Ave.

Owners Taking Figures.
APARTMENTS Cost, \$25,000
SAN FRANCISCO, S Pine 62-6 W
 Powell.
 Three-story and basement (12) apts.

Owner—Frank La Torres and F. A.
 Brockhage, 185 Stevenson St.
 Architect—E. H. Denke, 1317 Hyde St.,
 S. F.

Segregated Figures to Be Taken in a
 Week.
APARTMENTS Cost, \$100,000
SAN FRANCISCO, S. Geary between
 Jones and Geary.
 Five-story rein. conc. apt. house (41
 2-room apartments)
 Owner—Dr. Matilda A. Peeley, 1945
 Sutter.
 Architect—E. H. Denke, 1317 Hyde St.,

Contract Awarded.
APARTMENTS Cost, \$18,000
OAKLAND, N Wayne 300 W Stowe.
 Two-story 19-room apartments.
 Owner—E. M. Blake, 538 24th St. Okd.
 Contractor—L. N. Blake, 538 24th St.,

Contract Awarded.
APARTMENTS Cost, \$12,200
BERKELEY, Alameda Co., Cal., S Web-
 ster St, 120 E College Ave.
 Two-story frame apartment house (16
 rooms) and 3 garages.
 Owner—John Olsson.
 Contractor—Harry C. Knight, 388 12th

Contract Awarded.
APARTMENTS Cost, \$13,000
ALBANY, Alameda Co., Cal., No.
 2729-41 Fulton Street.
 Two-story frame (12-room) apartment
 house
 Owner—Mrs. Bessie Cecil, 2735 Fulton
 St., Berkeley.
 Architect—None.
 Contractor—W. H. Storm, 2800 Fulton
 St., Berkeley.

Contract Awarded.
APARTMENTS Cost, \$13,000
OAKLAND, Alameda Co., Cal., N E 62nd
 St. and Telegraph Ave.
 Two-story 16-room frame apartments.
 Owner—Nellis Harward, 1534 Franklin
 St., Oakland.
 Contractor—California Builders Co.,
 1544 Franklin St., Oakland.

Contract Awarded.
APARTMENTS Cost, \$40,000
SAN FRANCISCO, N E Octavia & Val-
 lejo Sts.
 Three-story and basement frame (12)
 apartments.
 Owner—Alfred J. Harwood.
 Architect—G. A. Applegarth, Claus
 Spreckels Bldg.
 Contractor—Walters & Grove, Monad-
 nock Bldg.

Plans Being Prepared—Figures to Be
 Taken in a Week.
APARTMENTS Cost, \$25,000
SOUTH SAN FRANCISCO, S M Co.
 Two-story reinforced concrete apart-
 ment house (6 3-room apts.).
 Owner—Withheld.
 Architect—Ernest Norberg, 407 Occi-
 dental Ave., Burlingame & Balboa
 Bldg., San Francisco.

Plans Being Figured.
APARTMENTS Cost, \$10,000
BURLINGAME, S. M. Co., Cal.
 Frame and plaster bungalow court (4
 3-room apartments).
 Owner—M. Beltrae.
 Architect—Ernest Norberg, 407 Occi-
 dental Ave. & Balboa Bldg.
 Figures are being taken for a gen-
 eral contract.

Plans Being Figured.
APARTMENTS Cost, \$20,000
SAN FRANCISCO, Geary St. bet. 23rd
 and 24th Aves.
 Three-story frame and stucco store and
 apartment house (6 2-room and 1
 3-room apts.)
 Owner—L. H. Gruss.
 Architect—H. C. Baumann, 251 Kearny
 St., San Francisco.

Plans Being Prepared.
APARTMENTS ETC. Cost, \$40,000
SAN FRANCISCO, Hyde St. near
 O'Farrell Street.

Two-story and basement Class B rein-
 forced concrete printing plant and
 apartments house.
 Owner—Louis R. Lurie.
 Architect—C'Brien Bros., 240 Mont-
 gomery St., San Francisco.

Contract Awarded.
APARTMENTS Cost, \$65,650
SAN FRANCISCO, SE Stockton and
 Pine Streets.
 Four-story and basement reinforced
 concrete apartment house.
 Owner—S. T. Meyer, 2026 California
 St., San Francisco.
 Architect—Heiman Barth, Phelan
 Bldg., San Francisco.
 Contractor—John Spargo, 240 Mont-
 gomery St., San Francisco.
 The steam heating and hot water
 storage apparatus has been awarded to
 Alfy Schmidt Co., Inc., 198 O'Connell St.,
 at \$1963.

Segregated Figures Being Taken.
STOCKTON, San Joaquin Co., Cal., N
SAN FRANCISCO, N Sutter bet. Mason
 and Taylor Sts.
 Three-story and basement reinforced
 concrete, stucco apartments and
 store building, 51x137-6 (17 studio
 suites and 3 stores).
 Owner—Goodfriend & Jackson.
 Architects—Frederick W. Quandt, Mo-
 nadnock Bldg., San Francisco.
 Figures are being taken as follows:
 concrete work, carpentry and general
 work, heating, plumbing, electrical
 work, tiling, painting, plastering and
 grading.

SEATTLE, Wash.—Architects Emil
 Huehner, Railway Exchange Bldg.
 Seattle, completing plans for 5-story
 and basement, with sub-basement, re-
 inforced concrete apartment house to
 be erected for Williams & Co., repre-
 senting the owners. The building will
 contain 53 2-room suites with living
 room 15x12 ft., kitchenette and bath
 and four 3-room apartments. Will be
 erected at 7th Ave. and Olive St., and
 will cover area of 120x60 ft.

BANKS

Contract Awarded.
BANK FIXTURES Cost, \$7,500
SACRAMENTO, Cal.
 Mahogany bank fixtures for Class A
 bank building.
 Owner—Bank of Italy.
 Architect—Geo. C. Sellen, Mitau Bldg.,
 Sacramento.
 Contractor—The Fink & Schindler Co.,
 236 15th St., San Francisco.

Contract Awarded on a Percentage
 Basis.
SALT LAKE CITY, Utah, Main and
 Second South Sts.
 Twenty-story Class A bank and office
 building.
 Owner—Continental Bank and Bank of
 Republic, Consolidated.
 Architect—George W. Kelham, Sharon
 Bldg., San Francisco.
 Engineer—H. J. Brunner, Sharon Bldg.,
 San Francisco.
 Contractor—P. J. Walker Co., Monad-
 nock Bldg., San Francisco.
 Construction is to be started October
 2nd, and sub-figures will be taken in
 about a month.

Contract Awarded
PANAMA, Panama, Panama Co., Cal.
LONG BEACH, Los Angeles Co., Cal.
 SE Fourth and Pine Sts.
 Three-story Class A bank building.
 (Steel, brick and concrete with
 terra cotta and granite facings).
 Owner—First National Bank of Long
 Beach.
 Architect—John and Donald B. Parkin-
 son, Title Ins. Bldg., Los Angeles.
 Contractor—Lange & Bergstrom, Wash-
 ington Bldg., Los Angeles.

Plans to be Prepared.
BANK BLDG. Cost, \$100,000
FRIFFYVALE, Alameda Co., Cal. Fruit-
 vale Ave. and E-14th St.
 Modern bank building 100x100.
 Owner—Central National Bank, Joseph
 E. Carlsson, President
 Architect—Not Selected.

Plans Being Prepared.
BANK BLDG. Cost, \$40,000
OAKLAND, Alameda Co., Cal. Tele-
 graph Ave. and 41th St.
 One-story reinforced concrete bank
 building.
 Owner—Bank of Italy.
 Architect—H. A. Minton, Monadnock
 Bldg., San Francisco.
 Plans will be ready for figures in
 about three weeks.

BONDS

SUNNYVALE, Santa Clara Co., Cal.—
 Bonds of \$5,000 voted to finance sewer
 extensions.

MIAMI, Ariz.—Miami school board
 will hold \$235,000 school bond election
 in October. R & E

SANTA ROSA, Sonoma Co., Cal.—City
 Council will call election to vote bonds
 of \$50,000 for establishment of street
 paving plant. L. L. Mills, city engineer.

UKIAH, Mendocino Co., Cal.—Until
 Oct. 10, a m. bids will be rec. by
 Hale Frather, county clerk, to const.
 Sec. of Spy Rock road, involy. 275
 cu. yds. unclass. excav., incl. clearing
 right of way; 3500 ft. b. m. lumber for
 culverts. Cert. check 10% required.

MODESTO, Stanislaus Co., Cal.—Dir-
 ectors of Modesto Irrigation District
 will call election to vote bonds of
 \$1,000,000 to finance light and power
 system for district. Percy Jones, ch. eng.

GRIDLEY, Butte Co., Cal.—Election
 will be held in Reclamation District No.
 533 to vote bonds of \$866,000 to finance
 work in the district.

SAN MATEO, San Mateo Co., Cal.—
 Until Oct. 9, bids will be rec. by E. W.
 Foster, city clerk, for purchase of \$80,-
 000 bond issue to purchase and improve
 park lands.

PORTLAND, Ore.—City contemplates
 bond election in November to vote
 \$500,000 to install high pressure water
 system for fire protection. Fred Rand-
 lett, ch. eng. for water bureau and
 O. Laurgaard, city eng.

LOOMIS, Placer Co., Cal.—Bonds of
 \$49,000 voted in Loomis School District
 to finance construction of new school
 building.

WENATCHEE, Wn.—Bonds of \$32,-
 600 voted in Wenatchee Heights Irriga-
 tion District to finance completion
 of works.

JEFFERSON, Ore.—City Council con-
 templates calling bond elections to vote
 \$150,000 for street paving and water
 system improvements.

FRESNO, Fresno Co., Cal.—Election
 will be called in the immediate future
 to vote bonds of \$2,000,000 to finance
 construction of two new junior high
 schools and six elementary buildings.
 J. V. Cooper is city superintendent of
 schools.

STEVENSON, Merced Co., Cal.—Election
 held to vote bonds of \$40,000 to
 finance construction of new school
 failed to carry.

RICHMOND, Contra Costa Co., Cal.—
 Election will be held November 28 to
 vote bonds of \$150,000 for playgrounds;
 \$50,000 for natatorium; \$100,000 for
 municipal hospital and \$50,000 for
 public hall and gymnasium.

MENLO PARK, San Mateo Co., Cal.—
 Menlo Park Sanitary District sells \$10,-
 000 bond issue to finance sewer im-
 provements.

TULARE, Tulare Co., Cal.—Election
 will be held December 12 to vote bonds
 of \$100,000 to finance construction of
 new school building.

MONTEBELLO, Los Angeles Co., Cal.—
 Bonds in the sum of \$300,000 for
 creating new school bldgs. at Monte-
 bello, were voted at the general elec-
 tion Sept. 30. Jeffery & Schaefer, 1106
 Kerekhoff Bldg., will be the archts.

MADERA, Madera Co., Cal.—Nov. 7
 is date set by supervisors to vote bonds
 of \$150,000 to finance construction of
 new county hospital.

MERCED, Merced Co., Cal.—Until
 Oct. 10, bids will be rec. by Merced
 Irrigation District for purchase of
 \$1,800,000 worth of bonds to finance im-
 provements. W. D. Wagner, secy., and
 R. C. Starr, ch. eng., for district.

SAN FRANCISCO.—Supervisors an-
 thorize opening of Buchanan street;
 est. cost, \$34,250. M. M. O'Shaughnessy,
 city engineer.

YUBA CITY, Sutter Co., Cal.—Move-
 ment has started for establishing
 of a high school in territory east
 of Feather River and south of Bear
 River.

CHURCHES

Plans Submitted in Competition.
CHURCH Cost, \$75,000
STOCKTON, San Joaquin Co., Cal.
 Center and Flora Sts.
 Concrete church building.
 Owner—1st church of Christ Scientist.
 Architect—Not Selected.

Sub-contract Awarded.
CHURCH & SCHOOL Cost—
SAN FRANCISCO, N Filbert East of
 Powell.
 Three-story and basement rein. conc.
 Owner—St. Peter's & St. Paul's Roman
 Catholic Church.

Architect—C. Fantoni, 550 Montgomery
St., San Francisco.
Electric work to Crown Electric Co, 153
Eddy St., \$9000.
Plumbing to Fred Snock Co, 596 Clay
St., \$6495.
Heating to Scott Co, 243 Minna St.
\$5480.

Plans Being Prepared.
CHURCH Cost, \$100,000
ALHAMBRA, L. A. Co., Main St. near
 the Arroyo.
 Parsonage, parish house, garage and
 church buildings.
 Owner—First Methodist Church, Rev.
 Mr. Hughes, Pastor.
 Architect—Scott Quintin, Alhambra.

Plans Being Prepared.
CHURCH Cost, \$100,000
PORTLAND, Oregon.
 Brick or concrete church building.
 Owner—Christian Church, Portland,
 Oregon.
 Architect—Robt. Orr, Coropation Bldg.,
 Los Angeles.

Contract Awarded.
PASADENA, Ings. Cost, \$31,561
SAN MATEO, S. M. Co., Cal. Baldwin
 Ave. and El Camino Real.
 One-story parish house.
 Owner—St. Matthew's Church, S. M.
 Archt.—Howard & White, Lick
 Bldg., San Francisco.
 Contractor—Seadley & Wiseman, San
 Mateo.

Plans Being Figured.
CHURCH BLDGS. Cost, \$5,
OAKLAND, Alameda Co., Cal. Lake-
 shere and Prospect Aves.
 1st st. of church buildings, parochial
 school and convent; three-story
 and basement reinforced concrete
 construction.
 Owner—Church of Our Lady of
 Lourdes (Father Keveny, Pastor).
 Architect—Geo. E. M. McCrea, 369 Pine
 St., San Francisco.
 Engineer—Pierre Zucco & Co., 166
 Geary St., San Francisco.

Plans Being Refigured.
CONVENT Cost, \$100,000
ALHAMBRA, L. A. Co., Cal.
 Two-story brick and frame convent
 with tile roof.
 Owner—Carmelite Sisters.
 Architect—John C. Austin, 1125 Baker-
 Dr. Delier E. Lee, Los Angeles.
 The contract for this building was
 previously awarded to General Con-
 struction Co. of Glendale.

Sub-figures Being Taken.
FUNERAL DIRECTORY Cost, \$25,000
SAN FRANCISCO, N Golden Gate Ave.
 137-6 W Fillmore.
 Two-story frame funeral directory.
 Owner—Peter Magendie, 1335 Golden
 Gate Ave.
 Architect—C. O. Clausen, Hearst Bldg.

FRESNO, Fresno Co., Cal.—Of the
 \$100,000 required to build a new syna-
 gogue for Temple Beth Israel, \$42,000
 has been secured, according to mem-
 bers of the finance committee com-
 posed of Harry Coffe; S. B. Goodman,
 Saul Samuel and J. H. Mittenhal. Leon
 Rosenberg is chairman of the commit-
 tee.

PHOENIX, Ariz.—J. A. R. Irvine and
 T. L. Edens, members of the Board of
 Church Trustees, have been awarded
 gen. contr. for completing the bldg. of
 the Central Methodist church, started a
 year ago. Funds were exhausted and
 work was stopped. Recently ways have
 been found to finance the completion
 of the \$125,000, 2-story classic style
 bldg. The found. was put in by T. B.
 Stewart Constr. Co. of Phoenix. Rev.
 Cecil M. Aker is pastor.

FACTORIES & WAREHOUSES

Contractors to Take Sub-Figures
Shortly.
FACTORY Cost, \$250,000
OAKLAND, Alameda Co., Cal. W Har-
 leon St., from 8th to 9th Sts.
 Three-story steel frame reinforced
 concrete factory building (terra
 cotta facing).
 Owner—Hestern Electric Code, Inc.
 Architect—Reed & Corlett, Oakland
 Bank of Savings Bldg., Oakland.
 Contractor—F. J. Walker Co., Monad-

Contract Awarded.
FACTORY Cost, \$29,950
SAN FRANCISCO, SE Harrison bet.
 Seventh and Langton Sts.
 Three-story Class C factory.
 Owner—James Madison.
 Lessee—Pacific Motor Co.
 Architect—Nathaniel Blaisdell, 255
 California St., San Francisco.
 Contractor—Alfred H. Vogt, 185 Stev-
 enson St., San Francisco.

Plans to be Prepared.
FACTORY BLDG. Cost, \$250,000
OAKLAND, Alameda Co., Cal.
 Two-story reinforced concrete factory
 building.
 Owner—Bull Battery Co. of California,
 M. R. Standish.
 Architect—Not Selected.

Plans to be Prepared.
COLD STORAGE PLANT Cost—
SANTA PAULA, Ventura Co., Cal.
 Ice and cold storage plant.
 Owner—Ice Ice Co. Herman W. Gran-
 nis, secy., Santa Barbara.

Plans Being Prepared.
BUILDING Cost—
SAN FRANCISCO, Turk, Eddy, Pierce
 and Stetler.
 One-story and basement reinforced
 concrete building.
 Lessee—Foster & Kleiser, 287 Valencia.
 Owner—MacDonald & Kahn, 130 Mont-
 gomery.
 Architect—Owners.
 Contractor—MacDonald & Kahn, 130
 Montgomery St.
 The site is now being cleared. Fur-
 ther information will be given later.

Contract to be Awarded Next Week.
REF. BLDG. Cost, \$85,000
SAN FRANCISCO, N Turk 87-5 E Hyde
 Street.
 Five-story, mezzanine floor and base-
 ment Class B reinforced concrete
 manufacturing building.
 Owner—Chris C. Miller.
 Architect—Martin A. Sheldon, 110 Sut-
 ter St., San Francisco.
 Low bidder—Richard J. H. Forbes, Mo-
 nadnock Bldg., San Francisco.

Plans Being Figured.
WAREHOUSE Cost, \$60,000
SAN FRANCISCO, Townsend St.
 Two-story reinforced concrete ware-
 house, 86x250 (Sprinkler system
 and elevator)
 Owner—Simon Bros., 156 Townsend St.,
 San Francisco.
 Architect—H. C. Baumann, 251 Kearny
 St., San Francisco.

Figures to be Taken Next Week.

MACHINE SHOP Cost, \$—
WATSONVILLE, Santa Cruz Co., Cal.
One-story concrete machine shop.
Owner—Watsonville High School Dist.
Architect—Wyckoff & White, Growers
Bank Bldg., San Jose.

SAN PEDRO, Cal.—Buckley Milling Corp., an English syndicate, plans to establish a \$2,000,000 smelter and rolling mill in the harbor district. Gordon E. Vance, vice president and Edgar T. Carlstrom, consulting engr., are in San Pedro surveying the territory. The mill is for the purpose of supplying the Oriental trade.

CHELAN, Wn.—R. R. Moorhead, Spokane, at approx \$150,000 awarded contract by Great Northern R. R. to erect ice manufacturing and cold storage plant. Storage plant will have capacity of 400 carloads.

TUCSON, Ariz.—The Arizona Ice & Cold Storage Co. has called for bids for the erection of \$125,000 ice and cold storage plant. Word has been given to the Tucson Bids. Exchange that bids are desired on both brick and concrete, the type not having been decided. About \$175,000 will be expended for equipment. Further information may be obtained from the Tucson Bids. Exchange.

SAN DIEGO, San Diego Co., Cal.—Grading and excav. for S. L. Studios—San Diego, the new film organization preparing to build motion picture plant at Grossmont, have been completed and actual construction work will start at once. The first stage to be erected will be 90x255 ft., 10 ft. high. This is the first of a 10-unit plant to be erected. E. J. Shulter, technical director, Arthur H. Sawyer is president, and George D. Baker, director general.

MERCED, Merced Co., Cal.—No bids were received by Merced Irrigation District to construct warehouse and work will be done by heavy labor under supervision of Ch. Eng. R. C. Starr. Est. cost \$4800.

TAFT, Kern Co., Cal.—Mrs. Bertha Mills, owner of Cottage Laundry, recently destroyed by fire, will erect new structure to cost \$50,000. Will be one story brick.

FIREHOUSES AND JAILS

Plans Being Flavored—Bids Close Oct. 16, 1922.

FIRE HOUSE Cost, \$11,000
VALLEJO, Solano Co., Cal., Sacramento and York Streets.
Two-story concrete fire house.
Owner—City of Vallejo.
Architect—Charles E. Perry, 514 Marin St., Vallejo.

OROVILLE, Butte Co., Cal.—Supervisors order plans prepared for branch jail to be erected in Durham. Est. cost, \$2500. C. F. Belding is county clerk.

FLATS

Contract Awarded.

FLATS Cost, \$15,000
SAN FRANCISCO, SW Second Avenue and Cabrillo St.

Two-story and basement frame (4) flats.

Owner—Amy Peoples, 625 Frederick St., San Francisco.

Architect—None.
Contractor—Geo. Wolfender, 327 Weller St., San Francisco.

Contract Awarded.

APARTMENT FLATS Cost, \$11,000
SAN FRANCISCO, Seventeenth Ave and California St.

Two-story and basement frame (4) apartment flats.

Owner—C. Melius Morse.
Designer & Contractor—Klaus Adler, 492 22nd Ave., San Francisco.

Contract Awarded.

FLATS Cost, \$10,175
SAN FRANCISCO, Buchanan near Herman.

Two-story and basement frame flats.
Owner—Mr. and Mrs. Eugene Pfaffel, 45 Guerrero St.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—John M. Hooper, 33 Guerrero St.

Contract Awarded.

FLATS Cost, \$11,000
SAN FRANCISCO, N Clay 35 E Mason.
Two-story & basement frame (2) flats
Owner—M. Koster, 1096 Clay St.
Architect—Theo. Lenzen, Humboldt Bank Bldg.
Contractor—H. T. Ludwig, 636 Jessie.



Ye Building Gossip or Pratt's Concrete Mix



NOTE.—The following was written by Mr. E. Rodgers, the assistant manager of the Building Material exhibit. He is surely very complimentary about Clarence Sand Pratt's near comedy.

THE BUILDING MATERIAL EXHIBIT
W. L. Hughson, President, E. Rodgers, Asst. Mgr. and Treasurer
77 O'Farrell Street

San Francisco, Sept. 27, 1922.

BILL HUGHSON'S family of Exhibitors have learned.

FROM YOU.
HOW BEST
TO START their daily grind.
IF YOU sell.
JUST ONE grain of Pratteo Sand.
FOR EVERY smile.
YOU GIVE our happy family.
YOU MUST be richer.
THAN HENRY Ford.
AT LEAST you deserve to be.
YOU HAVE raised advertising.
FROM ITS prosaic money-grubbing level.
TO THE very highest pinnacle.
OF LITERARY art.
AND WE who have.
FOR SEVEN blessed years.
BEEN STRIVING.
TO GIVE our lovely city.
THE WORLD'S best Building Material Exhibit.
WE THANK you.

IF YOU could only hear.
THE BUILDING Material Exhibitors.
CHORTLING THEIR daily cachinnation.
OVER YOUR Building Gossip column.
YOU WOULD always
START YOUR daily work.
BY COMING early.
IN THE mornings.
TO SEVENTY-SEVEN O'Farrell Street.
AND INHALE the invigorating merri ment.
RADIATED BY your amused readers.
KING COLE Lansing smiles quietly.
WHILE HUNTLEY - Hyphen - Hoy chuckles.
AND LEO Rodgers fairly roars.
LIKE A lion.
IN ITS native jungle.
BELIEVE US.

LADIES REST ROOM
→



This photograph made by Walter Scott, official photographer for "Ye Building Gossip or Pratt's Concrete Mix," shows Clarence Innocent Pratt, seller of clean, sharp sand, looking at the "exhibits" at the big show room at 77 O'Farrell St. Mrs. B. A. Blackbird doesn't understand that poor innocent Clarence Sand Pratt did not see the sign "Ladies' dressing room," but thought he was in one of the exhibits, many of which are decorated with pretty girls.

Contract awarded.
FLATS Cost, \$11,900
SAN FRANCISCO, S W Market and
Douglas Sts.
Two-story frame (4) apartment flats.
Owner—Schradt & Estate Co.
Architect—A. Klahn.
Contractor—Arthur H. Klahn, 1344 21st
Ave, S. F.

Contract Awarded.
FLATS Cost, \$12,500
OAKLAND, Alameda Co., Cal. W
Grove St. 53 S 42nd St.
Two-story 16-room frame flats.
Owner—Valentine Egenberger, 659 42d
St., Oakland.
Architect—None.
Contractor—F. L. McDonald, 2339 Mar-
ket St., Oakland.

To be Done by Day's Work.
FLATS, ETC. Cost, \$12,000
SACRAMENTO, Sacramento Co., Cal.
No. 2721 J St.
Two-story 16-room frame flats and gar-
age.
Owner—J. A. Saunders, 2810 I St., Sac-
ramento.
Architect—None.

GARAGES

Sub-Figures to be Taken in a Few
Days.
GARAGE Cost, \$25,000
SAN FRANCISCO, S O'Farrell 137-6 E
Steiner Street.
Two-story reinforced concrete public
garage.
Owner—Jos. Pasqualetti, 785 Market
St., San Francisco.
Architect—None.

Plans Being Prepared.
GARAGE Cost, \$50,000
STOCKTON, San Joaquin Co., Cal. N-
California and Oak Sts.
Three-story concrete garage.
Owner—H. S. Dawson.
Architect—Glenn Allen, 37 S-Aurora
St., Stockton.

GOVERNMENT WORK AND
SUPPLIES

WASHINGTON, D. C.—Plans are
available and bids will be asked by the
partment, in the immediate future for
Bureau of Yards and Docks, Navy De-
partment under the following Specifications:

Specification 4708, Puget Sound, Wash.
for dredging approximately
68,000 cubic yards place measurement
at the navy yard, Puget Sound, Wash.
Drawing and specification No. 4708 may
be obtained on order for \$10 payable
by postal money order for \$10 payable
to the chief of the bureau of yards
and docks is required as security for
the safe return of the drawing and
specification.

Specification 4714, San Diego, Calif.
for a 1,000-gallon underground gasoline
tank and measuring pump set on a
concrete slab and provided with neces-
sary access and pipe, valves and
fittings between pump and tank, all
at the naval radio station, Challas
Heights, San Diego, Calif. Drawing
and specification No. 4714 may be ob-
tained on application to the bureau or
to the public works officer, U. S. N., San
Diego, Calif. Deposit of a check or
postal money order for \$10 payable to
the chief of the bureau of yards and
docks is required.

WASHINGTON, D. C.—Until Oct. 11,
bids will be rec. by General Purchas-
ing Officer, Panama Canal Commission,
for fur, and del. under Circular No.
2300: 100 tires, water, 3/4-inch; 107
tanks, water closet, low down; 30
flush; 8 tires cord, N. S., 35x55; 6000
cups, blasting; 150 pounds packing for
gasoline engines; 150 gaskets; metal
brushes; 160 do; 100 do; 250
brushes, varnish; 100 feet belting,
75,000 pins, T head No. 2, brass. Copies
of Circular No. 2300 may be had from
Asst. Purchasing Agent of Commission,
Fort Mason, San Francisco.

SAN DIEGO, Cal.—Opening of bids
for construction of four barracks, mess
and hall extensions, cooks quarters,
roadwork, water, electric lighting, tele-
phone, power and heating systems at
the naval training stations has been
postponed from Sept. 27 to Oct. 8 to
permit contractors to bid on nine addi-
tional quarters at the Marine brigade
post, according to an announcement
made by Com. Norman Smith, public
works officer for the 11th naval dist.,
San Diego. The allotments available
for work at the naval training station
comprises the following items: \$30,000
for steam distributing system, \$80,000
officers quarters, \$27,000 administration
bldg., \$73,000 two wings to mess hall
\$50,000 boat pier, \$2000 pump house,
\$5000 sprinkling system, \$8000 additions
to present steam water heating and
telephone systems, \$10,000 walks and
paved roads.

WASHINGTON, D. C.—Robert E. Mc-
Kee, 1900 Texas street, El Paso, Texas,
at \$143,200 submits low bid to Super-
vising Architect, Treasury Department,
to construct officers' quarters at Fort
Bayard, New Mexico. Other bidders
were: V. E. Ware, El Paso, Tex., \$166,
000. John L. Kane & Co., El Paso,
Tex., \$148,800. Anderson Construction
flor Co., El Paso, Tex., \$173,000. Cle-
vert's Sons, Des Moines, Iowa, \$210,
411.88. Romey Bros., El Paso, Tex. \$147-
500.

VALLEJO, Solano Co., Cal.—Word
has been received at Mare Island Navy
Yard that \$100,000 has been appropri-
ated by the Bureau of Yards and Docks
Navy Department, to complete the ma-
gazine and shell house at the ammu-
nition depot.

PORTLAND, Ore.—Willamette Iron
and Steel Works, Portland, at \$49,000
has been awarded by the U. S. Engineer
Office, Portland, to const. 80 steel pon-
toon catamarans for dredges.

PORTLAND, Ore.—Miami Quarry Co.,
Portland, at \$24,400 awarded contract by
U. S. Engineer Office, Portland, for fur-
stone for north jetty construction in
Yaquina Bay.

DENVER, Colo.—Until Oct. 12, 2 p. m.
bids will be received by U. S. Reclama-
tion Service, for fur, and del, f.o. b.
cara manufacturer's plant metal forms
(sheet metal work) and cast iron rings
for concrete pipe, under Circular No.
233-D, for North Platte project, Ne-
braska-Wyoming and the Yuma auxil-
ary project, Ariz., involve 44,000 lbs.
cast iron and sheet metal work. For
further information address above.

WASHINGTON, D. C.—Leander Le-
beck, 33 W. Bond St., Astoria, Ore.,
at \$3500 submits low bid to Supervising
Architect, Treasury Department, to re-
pair wharf at quarantine station at
Astoria. Other bids: John Wuopie, 131
Commercial St., Astoria, Ore., \$9,225.56.
John Blatte & Co., Astoria, Ore., \$10,
968. Henry Kieker, 253 Alameda Ave.,
Astoria, Ore., \$11,600; John Mattson, 218
Commercial St., Astoria, Ore., \$12,100;
Gilpin Construction Co., foot 14th St.,
Astoria, Ore., \$13,500.

WASHINGTON, D. C.—Bids are be-
ing received by Bureau of Supplies
and Accounts, Navy Department, for
awarding del. of supplies under following
schedules, date for opening bids as
noted at end of each paragraph:

Schedule 183, various eastern and
western yards, a miscellaneous quan-
tity of spark plugs and spark coils.
Schedule 184, Norfolk and Mare Is-
land, 20 valve reseating outfits, Oct. 24.
Schedule 187, Mare Island, 100,000 ft.
bel wire, Oct. 24.
Schedule 184, Mare Island, 500 china
pitchers, Oct. 24.

SEATTLE, Wash.—Until Oct. 20, 2 p.
m., bids will be rec. by Alaskan En-
gineering Commission, Bell St. Termin-
al, under Req. 3855, for fur, and del.
among other materials: 1000 cutlery,
equal to Verona or National Umbrella
Frame Co's., 3/4-in. sq. 13/16-in. inside
dia., spring washer type to be used
with track bolts 3/4-in. dia. Inside dia.
not less than 1/16-in. hole, not more
than 1/4-in. greater than the dia. of the
bolt specified.

YUMA, Ariz.—Until Oct. 16, 2 p. m.,
bids will be rec. by U. S. Reclamation
Service, Yuma, Ariz., for earthwork
for Mesa division, Yuma auxiliary pro-
ject, involve 65,500 cu. yds. excavation.
Work is located 10 miles south of
Yuma and 5 miles from Smerton,
Ariz. For particulars address the U. S.
Reclamation Service, Washington, D.
C.; Denver, Colo., or Yuma, Ariz.

WASHINGTON, D. C.—Until Oct. 14,
10:30 a. m., bids will be rec. by Purchas-
ing Officer, Panama Canal Com-
mission, for fur, and del, Balboa (Fac-
tary) under Circular No. 2301: Iron
or steel and phosphor bronze rope, steel
rope, steel tubing, special bronze,
bronze rods, sheet brass, cast iron soil
pipe and fittings, steel bolts, brass
cocks and valves, iron and brass pipe
fittings, flies, wire nails, chain, blank
books and lubricating oil. Copies of
specifications may be obtained from
Asst. Purchasing Agent, Fort Mason,
San Francisco.

HALLS AND SOCIETY BUILD-
INGS

Contract To Be Signed About Oct. 15.
CLUB HOUSE Cost, \$120,000
SAN FRANCISCO, S Market W 12th St.
Two-story brick Class A store and club
building.
Owner—Loyal Order of Moose, S. F.
Lodge No. 20.
Architect—O'Brien Bros., 240 Mont-
gomery St., San Francisco.
Contractors—Vukicevich & Bagge, 180
Jesse St., S. F.

Contract Awarded.
ALTERATIONS Cost, \$15,000
REDWOOD CITY, San Mateo Co., Cal.
Main St.
Remodel theatre into lodge rooms
(plaster exterior).
Owner—Masonic Hall Ass'n of Redwood
City.
Contractor—Ben Zimmerman, 797 Ar-
guello, Redwood City.

CAMFEBEL, Santa Clara Co., Cal.—
Campbell Country Woman's Club will
campaign for \$10,000 to finance con-
struction of library and community
club house. Mrs. Ralston Allison, chair-
man of committee.

SAN DIEGO.—Local Y. M. C. A. has
been offered \$600,000 for the erection
of a Y. M. C. A. bldg. by the army and
navy department of that assn. provided
San Diego will raise \$150,000 for the
purchase of a site. The proposed bldg.
will be six stories and contain 550
sleeping rooms, with gym, and locker
facilities for 1000 men. Besides these
features, there will be swimming pool,
shower baths, billiard rooms, writing
and reading rooms, etc. An interna-
tional committee of the assn. will bear
all expense. The proposed bldg. will
be of Spanish colonial architecture.
Architect will be selected at once to
draw plans. Frank Salmons will handle
the campaign committee. Orno Taylor
is secy. of army-navy division.

KINGSBURG, Fresno Co., Cal.—
Kingsburg Post, American Legion, will
campaign for funds to finance con-
struction of club house. A structure
costing \$10,000 is planned.

HOSPITALS

Plans Being Prepared.
HOSPITAL Cost, \$100,000
LONG BEACH, L. A. Co., Cal., Terminal
and State Sts.
Municipal hospital building.
Owner—City of Long Beach.
Architect—Hugh R. Davis, 514 Marine
Bank Bldg., Long Beach.

MARTINEZ, Contra Costa Co., Cal.—
Until Oct. 23, 11 a. m., bids will be rec.
by J. H. Wells, county clerk, for altera-
tions and additions to heating system
in county hospital, Hunter and Hudson,
engineers, 711 Riata Plaza, San Fran-
cisco. See call for bids under offprint
proposal section in this issue.

SAN FRANCISCO Stanford Hospital will make a campaign to raise \$1,000,000 to finance construction of a new hospital and construct extensions to its medical department, research work and hospital service. General committee to gather funds include: Geo. M. Ralph, J. D. Harte, John A. McGregor, Atholl McBean, Fred J. Koster, Chas. Templeton Crocker, and other San Francisco merchants.

Architects Bicknell & Brown, 331 Kearny St. were the architects for the recent addition to the hospital.

HOTELS

Contract Awarded
HOTEL Cost, \$—
LOS ANGELES, L. S. Angeles Co., Cal.
Four-story and a basement class of hotel building, 150-162 (161 rooms).
Owner—Salvation Army.
Architect—Edwin Bergstrom, m. Citizens National Bank Bldg. L. S. Angeles

Working Drawings Being Prepared
Contract Awarded on Cost-Plus Basis.

ADDITION Cost, \$275,000
SAN FRANCISCO, S. Market St. W. of Eighth St.

Seven-story class A addition to rear of hotel, 112 bedrooms and 114 bathrooms.
Owner—Wm. H. Estate, James Otis Trustee.

Architect—J. H. Borthforth 334 Pine St. San Francisco.

Contractor—MacOvill & Kahn, 130 Montgomery St. San Francisco.

Myron Burr, L. S. Angeles architect, represents H. M. Linnard, lessee of the Whitcomb Hotel, is consulting architect.

The Whitcomb Hotel has just purchased a 20-ft. lot between the hotel and the corner of 5th and Market Streets, which they own.

The estate plans to erect two other units some time in the future.
Construction will be started on the first unit in about three weeks.

POWER PLANTS

BANNING, Cal.—San Geronimo Power Co. lets contracts for the constr. of two plants along the diverted Whitewater river, north of Banning. One plant will start at once. One plant will be located at Big Oaks and the other at Camp Comfort. Est. cost, \$300,000. Later a third will be erected to cost \$400,000. Among the firms securing contracts are Westinghouse Elec. Co.; Pelton-Doble Co. and Llewellyn Iron Works. The company has made a contract with Southern Serrano Power Co. to purchase the developed elec. power.

PUBLIC BUILDINGS

SACRAMENTO, Sacramento Co., Cal.—Bids were received on October 3rd by George P. McDougall, State Architect, Chief Division of Architecture, in Sacramento, for various branches of work for the Library and Courts Building and Office building now under construction in the Capitol Grounds at Sacramento from plans prepared by architects Weeks and Davis. All bids were taken under advisement.

Carpenter and Mill Work
Reilly & Neumeier, L. S. Jesses St. \$168,200
San Francisco
D. Wagner, E. F. 179,500
John Morton, S. F. 206,171
Beck & Kohn, S. F. 213,471
Coleman & Scheldt, S. F. 234,734

Electrical Work
Butte Electric & Mfg. Co., 534
Polson St. S. F. \$25,750
Latourrette-Fical Co., Scto. 26,580
Woodhill-Patterson Co., L. A. 26,580
M. E. Ryan, S. F. 37,000
Salt Lake Elec. & Supply Co., 30,750
Goold & Johnson, Stockton, 43,200

Ventilating Work
McLaughlin Sheet Metal Works,
221 "J" St. Scto. \$9,400
Latourrette-Fical Co., Scto. 10,045
Frank Z. Ahl, Scto. 10,045
St. Louis Corning Works, 16,462
Ornamental & Miscellaneous Iron and

Bronze Work

Monarch Iron Works, 262 1/2th
St. San Francisco \$94,653
Sartorius Co., S. F. 99,820
Cal. Artistic Metal & Wire
Works, S. F. 102,760
Fed. Orn. Iron & Bronze Works
San Francisco 133,900
C. J. Hiltari Co., S. F. 143,954

Structural Terra Cotta

W. G. Reed, Sacramento \$13,200
Metal Furring, Lath & Plaster & Insulation Stone

Peter Bradley & Sons, S. F. \$169,500
A. Knowles, S. F. 182,371
J. Greenback, S. F. 182,371
Wm. Makin, Oakland 189,985
MacGruber & Simpson, S. F. 189,985
Herman B. Sch. S. F. 204,000
Has. P. Smith, S. F. 211,400
W. G. Reed, Sacramento 227,243

Sheet Metal Work & Skylights

Forrester & C. Price, 289 Po-
terry Ave. S. F. \$32,740
S. S. Metal Prod. Co., S. F. 36,357
Latourrette-Fical Co., Scto. 18,945
(Note—This does not include
metal windows or sash)

Complete Mechanical Equipment

Latourrette-Fical Co., Scto. \$30,000
Scott Lyman & Stack, Scto. 130,615
Goold & Johns, Stockton 161,000

Plumbing & Drainage System

Latourrette-Fical Co., Scto. \$32,337
Hateley & Hateley, Scto. 41,585
Luppitt, Hawley & Thing, Scto. 43,920
Goold & Johns, Stockton 51,300

Glass & Glazing

W. P. Fuller & Co., Scto. \$28,842
Goold & Kibbe, Oakland 35,762

Interior Stone Work

Bruner Marble & Tile Co., L. A. \$34,100
Raymond Granite Co., S. F. 35,331

Marble, Mosaic & Terrazzo

Am. Marble & Mosaic Co., 25
Columbia Square, S. F. \$222,460
Joseph Musio Sons-Keenan Co.,
San Francisco 234,850
Vermont Marble Co., S. F. 243,563

Roofing

Western Asbestos & Magnesia
Co., 25 So. Park, S. F. \$5,775
Capitol Roofing & Supply Co.,
Sacramento 6,827
Allyn M. Burr, Sacramento, 7,400
Johns-Manville Co., Scto. (al-
terate bid) 7,400

Heating

Latourrette-Fical Co., Scto. \$23,733
Scott Co., Oakland 28,887
Hateley & Hateley, Scto. 34,696
Luppitt, Hawley & Thing, Scto. 37,987

BAKERSFIELD, Kern Co., Cal.—Following conferences with State Board of Charities and Corrections and the Kern County Supervisors, it was decided to start immediate construction of the proposed Kern County Hospital buildings, plans for which have been completed by Architect Chas. H. Biggar, Bank of Italy Bldg., Bakersfield. Estimated cost, \$500,000. The County Grand Jury in its annual report submitted recently recommended postponement of construction.

MARSHFIELD, Ore.—Architect Emmett Stack, Marshfield, completes plans for two-story city hall an firehouse. Will be 100 by 50-ft., and will contain quarters for city recorder, city engineer and fire department.

SAN JOSE, Santa Clara Co., Cal.—Until Nov. 8, 11 a. m., bids will be rec. by HENRY A. Prister, county clerk, for improvements to county hospital as follows: alterations and additions to Old Ladies' Home; constructing fireproof (3rd bed) addition; constructing garage for twelve machines; alterations of rear porches of main building for additional fire protection and for painting the main building and the T. B. Ward and Superintendent's residence. Plans and specifications on file in office of county clerk.

ANNOUNCING

Change In Personnel of

ECCLES & SMITH COMPANY

SAN FRANCISCO--LOS ANGELES

Representing

HEALD MACHINE CO.Cylinder Grinding Machines
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Machines.

SIDNEY MACHINE TOOL CO.Lathes.
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matic Gear Cutting Machines.
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All of whom have been closely identified with the machine tool industry for many years

Working Drawings Being Prepared.
LIBRARY BLDG. Cost, \$100,000
LOS ANGELES, Los Angeles Co., Cal.
 Two-story and basement reinforced
 concrete library building, 60x110.
 Owner—Occidental College.
 Architect—Myron Hunt, 167 Hilber-
 nian Bldg., Los Angeles.

SAN FRANCISCO—The Board of Park
 Commissioners have ordered plan pre-
 pared for the proposed playground at
 West Boulevard near the Great High-
 way. Work will consist of a club-
 house; a swimming tank, 100 ft. wide
 and 1000 ft. long with capacity of 4,
 500,000 gals.; other improvements con-
 sist of a baseball field and tennis
 courts.

HOLLYWOOD, L. A. Co., Cal. Winter
 Constr. Co., 2141 Sacramento St., was
 low bidder at \$79,000 for all work com-
 plete for erecting a new branch library at
 n. w. cor. of Hollywood Bldg. and
 Ivar St. Dodd & Richards, 205 Bank
 Shops Bldg., archts. The building will
 be of brick construction, stucco exte-
 riors and cedar roof. Bids were taken
 under advertisement. The bids were: Win-
 ter Constr. Co., \$79,000; Frank Hudson,
 \$79,437; Richardson Bldg. & Engr. Co.,
 \$80,830; Willard-Brent Co., \$81,275;
 Glenn O. Winger, \$82,950; J. A. Crook,
 \$84,682; Hubert-Wardall Constr. Co.,
 \$86,304; Davidson Constr. Co., \$86,327;
 Nance Constr. Co., \$88,000; Lawmeyer
 & Burek Constr. Co., \$89,120; Bayn &
 Burek Co., \$89,935; Lange & Bergstrom,
 \$91,400; Ransford-Globe Constr. Co.,
 \$93,551; Davies Constr. Co., \$99,750;
 William Stacko, \$136,000.

STOCKTON, San Joaquin Co., Cal.—
 Supervisors contemplate calling a spec-
 tation in November to decide whether the
 court house site and building shall be
 sold and a new court house erected on
 another site. A second proposition
 will provide to determine whether the
 property shall be retained and additions
 made to the present building. The
 improvements to cost approximately
 \$750,000.

RESIDENCES

Plans Being Prepared.
RESIDENCES Cost, \$8000 each
OAKLAND, Alameda Co., Cal. Lakes-
 shore Highlands.
 Two one and one-half-story frame and
 plaster residences
 Owner—Withheld.
 Architect—Miller & Warnecke, Perry
 Bldg., Oakland.

Plans Ready for Figures Wednesday.
RESIDENCES Cost, \$10,000
OAKLAND, Alameda Co., Cal. Lakes-
 shore Highlands.
 One and one-half-story frame and
 plaster English style residence.
 Owner—Withheld.
 Architect—Miller & Warnecke, Perry
 Bldg., Oakland.

Ready for Figures in a Few Days.
RESIDENCE Cost, \$10,000
SAN FRANCISCO, Ingleside Terrace.
 Two-story frame and plaster residence
 and garage.
 Owner—Spiegelman.
 Architect—S. Heiman, 57 Post St., San
 Francisco.

Completing Plans. Cost, \$10,000
RESIDENCE
MONTEREY, Monterey Co., Calif.
 Two-story frame and plaster residence
 with tile roof.
 Owner—A. J. Lauteren.
 Architect—Miller & Warnecke, Perry
 Bldg., Oakland.

Plans Being Prepared. Cost, \$—
ALTERATIONS
EASTON, San Mateo Co., Cal.
 Alterations and additions to residence.
 Owner—Louis Titus, Easton, Cal.
 Architect—Perry G. McHougall, 381
 Bush St., San Francisco.

To Be Done by Day's Work.
DWELLINGS Cost, \$14,150
BERKELEY, Alameda Co., Cal. No.
 1322 to 1344 67th St.
 Five one-story 6-room dwellings.
 Owner—C. M. MacGregor, 470 13th St.,
 Oakland.
 Architect—None.

Contract Awarded. Cost, \$10,000
RESIDENCE
SAN FRANCISCO, E Twenty-ninth
 Ave. 140 N Lake St.
 Two-story and basement frame resi-
 dence.
 Owner—H. Silbermann, 2301 Stockton
 St., San Francisco.
 Architect—S. Heiman, 57 Post St., San
 Francisco.
 Contractor—Louis J. Cohn, 110 Sutter
 St., San Francisco.

To Be Done by Day's Work. Cost, \$3600 each
RESIDENCES
SAN FRANCISCO, E 39th Ave. 175, 200,
 225, 250, 275, 300 Anza.
 Six 1-story and basement frame dwlg.s.
 Owner—Meyer Bros, 5324 Geary St.
 Architect—H. C. Bauman, 251 Kearny

Working Drawings Completed. Cost, \$5600
DWELLING & GAR.
SACRAMENTO, Cal. 42nd St., bet. H &
 J Streets.

One-story frame (5 rooms) dwelling
 and garage.
 Owner—J. H. Scha.
 Architect—Fred S. Harrison, Peoples
 Bank Bldg., Sacramento, Calif.

Plans Being Prepared Cost, \$7000
RESIDENCE
OAKLAND, Alameda Co., Cal. Lake
 Merritt District.
 One-story and plaster residence.
 Owner—Withheld.
 Architect—Norberg & Hayne, Balboa
 Bldg., S. F.

Plans Being Prepared—Figures to Be
 Taken in a Week.
RESIDENCE & GAR. Cost,
HILLSBOROUGH, San Mateo Co., Cal.
 Two-story frame and plaster 9-room
 residence and garage.
 Owner—Withheld.

Architect—Ernest Norberg, 107 Occi-
 dental Ave., Burlingame & Balboa
 Bldg., S. F.

Ready for Figures Monday. Cost, \$12,000
RESIDENCE
BURLINGAME, San Mateo Co., Cal.
 Two-story frame and plaster residence
 and separate garage (7 rooms; tile
 roof).

Owner—Mr. Ingold.
 Architect—H. C. Baumann, 251 Kearny
 St., San Francisco.
 Figures will be taken for a general
 contract

SCHOOLS

Plans Being Prepared—Bids Close Oct.
 16, 1922, 7:30 P. M.
ALTERATIONS Cost, \$25,000
SACRAMENTO, Calif.

Alterations and additions to Jefferson
 (2 rooms) and El Dorado (3 rooms)
 schools.
 Owner—Board of Education, Sacra-
 mento.
 Architect—Dean & Dean, Library Bldg.,
 Sacramento.

Plans may be obtained from the arch-
 itects on a deposit of \$10 each.
 See call for bids under official Pro-
 posals.

Plans Being Figured—Bids Close Oct.
 16, 1922, 7:30 P. M. Cost, \$120,000
SCHOOL
SACRAMENTO, Calif.
 Fight room and auditorium brick and
 concrete school.

Owner—Board of Education, Sacra-
 mento.
 Architect—Dean & Dean, Library Bldg.,
 Sacramento.
 Plans may be obtained from the
 architects' office on a deposit of \$25.
 See call for bids under official Pro-
 posals.

Plans Being Prepared Cost, \$275,000
SCHOOL
NORWALK, Los Angeles Co., Cal.
 High school building.
 Owner—Excelsior Union High School.
 Architect—Theo. C. Kistner, San Diego.

To Be Advertised for in a Few
 Days.

ADDITION Cost, \$100,000
OAKLAND, Alameda Co., Cal. Webster
 and 18th Streets (Mosswood Junior
 High School).

Reinforced concrete auditorium.
 Owner—City of Oakland.
 Architect—W. Dickey, 2149 Broad-
 way, Oakland.

Plans Being Prepared. Cost, \$245,000
SCHOOL
CHICKLET, Contra Costa Co., Cal.
 Two-story brick and concrete elemen-
 tary school (21 classrooms, audi-
 torium, kindergarten, domestic sci-
 ence and manual training depart-
 ment, etc.)

Owner—Carquinez School District.
 Engineer—A. A. Brown, care Matson
 Navigation Co., 120 Market St., S. F.
 A bond election will be held shortly
 to vote the sum of \$250,000 for the
 improvement. The site has just been
 selected.

Plans Being Prepared—Figures to Be
 Taken Shortly.
SCHOOL BLDGS. Cost, \$100,000
LOS ANGELES, Pickett St. near 4th St.
 California and domestic science bldgs.
 of Roosevelt High School.
 Owner—L. A. Board of Education.
 Architect—Hunt and Burns, 701 Laugh-
 lin Bldg., L. A.

Contract Awarded. Cost, \$7400
ADDITION
BURLINGAME, San Mateo Co., Cal. Roome-
 velt School.

Two room frame addition to school.
 Owner—Burlingame Grammar School
 District.
 Architect—Ernest Norberg, 107 Occi-
 dental Ave., Burlingame.
 Contractor—C. Pederson, San Mateo.

Figures to Be Taken Shortly. Cost, \$50,000
GYMNASIUM
 One-story hollow tile or concrete and
 frame gymnasium.
 Owner—Grove School District.
 Architect—Wyckoff & White, Growers
 Bank Bldg., San Jose.
 (12754) 1st report June 27; 3rd July

Plans Being Figured—Bids Close Oct.
 26, 1922.
GYMNASIUM Cost, \$12,000
GRASS VALLEY, Nev. da Co., Cal.
 One-story frame gymnasium building.
 Owner—Grass Valley High School Dist.
 Architect—Wm. Mosser, Nevada Bank
 Bldg., San Francisco.

Plans may be obtained from Mr.
 Mosser's office on a deposit of \$20.

Bids in and Under Advertisement.
SCHOOL, ETC. Cost, \$110,000
SAN JOSE, Santa Clara Co., Cal. E-
 Santa Clara and Ninth Sts.
 Two-story reinforced concrete and
 brick parochial school, and addi-
 tions to one of the present bldgs.

Owner—Roman Catholic Archdiocsp
 (St. Patrick's Parish).
 Architect—Lee J. Devlin, Pacific Bldg.,
 San Francisco.

SANTA CRUZ, Santa Cruz Co., Cal.—
 Until October 14, 10 A. M., bids will be
 received by A. M. Foster, Clerk, Live
 Oak School District, to construct a two-
 room addition and alterations for Live
 Oak School, for which bonds of \$10,000
 were recently voted. Masten & Hurd,
 Architects, 168 Butler St., San Fran-
 cisco. See call for bids under official
 proposal section in this issue.

ROSEDALE, Kern Co., Cal.—Until
 October 17, 2 P. M., bids will be receiv-
 ed by R. T. Waters, Clerk, Rosedale
 school district, to construct assembly
 hall. J. M. Saffell, Architect, Bakers-
 field. See call for bids under official
 proposal section in this issue.

A. E. Leitch

Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

SAN ANSELMO. Marin Co., Cal.—Election will be called in San Anselmo School District to vote bonds of \$10,000 to improve grounds and add one room to present building.

TULARE. Tulare Co., Cal.—Until Oct. 11, 8 p. m., bids will be received by Bd. of Education of the Tulare city school district for Eclipse school desks, as per list obtainable at office of A. W. Ray, secy. Cert. chk. 10¢.

SARATOGA. Santa Clara Co., Cal.—Bids were opened Saturday, September 20, for the construction of a one-story 6-room and auditorium frame and stucco school for the Saratoga School District, Sheldon T. Patterson, Clerk. Plans were prepared by Wyckoff, White, Architects, Growers Bank Bldg., San Jose.

General Contract
Morrison Bros., San Jose.....\$49,822
Geo. Armstrong.....50,739
R. O. Summers.....52,575
Beck Kohn.....53,600
O. B. Holt.....54,842
Ward & Jones.....55,823
Morton Builders.....55,350

Plumbing
Wm. Serpa, 497 N. 13th St., San Jose.....\$3950
Saratoga Plumbing Co.....3967
Chas. Brynlsen.....4400

Heating
Chas. Brynlsen.....\$6300
J. E. O'Meara.....6980
Jas. Pinkerton.....7456
P. J. Enright.....7600
Bids taken under advisement.

CHICO. Butte Co., Cal.—Following bids rec. and taken under advisement by Chico High School Board to constr. shop building and two sets of bleachers.

Shop building: White and Salz, Chico, masonry, \$3885; carpentry, \$3600; iron work, \$4950; glazing, \$911.75; painting, \$1087; tile roofing, \$1157; composition roof, \$550; electrical work, \$1430.

R. B. McKenzie, Gerber, Calif., masonry, \$9523; carpentry, \$3910; iron work, \$1106; plumbing, no bid; glazing, \$956; painting, \$1087; tile roof, \$1826; composition roof, \$572; electrical work, \$1476.

Bleachers: White and Salz, masonry, \$1366; carpentry, \$3374; painting, \$940; electrical work, \$415; roofing, \$250.

Bleachers: R. B. McKenzie, masonry, \$1425; carpentry, \$3500; painting, \$1015; electric work, \$482; roofing, \$273.

McLaughlin Sheet Metal Works, Sacramento, bid \$425 to install 2 heaters, without connection.

Palm Iron Works, Sacramento bid \$5065 for all iron work. Fisher and Conery bid \$1439 for all electric work; John Manly Co. bid \$745.50 for composition roofing; Gladding McBean Co., San Francisco, \$1625 for tile roofing; Bird Electric Co., \$338 for electric work on bleachers; Fisher and Conery, electric work on bleachers, \$359.

LIVERMORE. Alameda Co., Cal.—Until Oct. 17, 2 p. m., bids will be received by Rube Hunter, clerk, Livermore School District, for fur, and fugal, electric lighting fixtures in school building now under construction. Henry H. Meyers, architect, 1201 Kohl Bldg., San Francisco. See call for bids under official proposal section in this issue.

OAKLAND. Alameda Co., Cal.—Bids were opened October 2 and 3 by the Oakland Board of Education for remodeling of the Cole school building located on Union and Eleventh streets. All bids were rejected and new bids will be called for.

Chas. Crowe, Oakland.....\$28,880
M. E. Hopper & Son, Oakland.....30,722
Walter Murch, Oakland.....33,280
Geo. Hudson, Oakland.....39,950

SACRAMENTO. Cal.—Board of Education, E. J. Woodburn, business manager, orders construction of 6-ft. ornamental fence at high school athletic field. Will be 900 ft. long with barbed wire top.

COLTON HIGH SCHOOL.—J. J. Baker, San Bernardino, has been awarded the gen. contract for erecting new high school bldgs., at Colton; Allison & Allison, 1405 Hibernian Bldg., archts. Trustees accepted bid for hollow tile constr. with plas. ext. and clay tile int. Other contractors awarded were: Comp. rfg. to Warren & Bailey; tile rfg. to C. L. Passmore; plastering to J. B. Rickert; blackboards to T. N. Fierce; painting

to Alhambra Wall Paper & Paint Co.; hardware to Bennett-Montgomery Hardware Co.; plumbing to T. J. Donnelly; wiring to Walker & Martin, Fullerton; sheet metal work to armbrust & Nunnings, Anaheim; and heating to S. Hill & Son, Santa Ana. Bids for program clocks were held under advisement.

VISALIA. Tulare Co., Cal.—Woodlake School District having plans prepared for eight classroom addition to present school; est. cost, \$37,000.

Co., Cal.—Santa Barbara high school board will advertise for bids within a few weeks for construction of group of new high school bldgs. for which plans have been completed by Archt., William H. Weeks, 369 Pine St., San Francisco. Plans have been approved. The group as planned will cost about \$550,000.

OAKLAND. Cal.—Subject to the approval of the Oakland Board of Education, a site for the proposed San Leandro School District Senior School is selected at E-14th St. and Estabrook Ave. Funds to finance construction will be obtained through a bond issue.

EL MODENA. Orange Co., Cal.—Bowman & Preble, 415 W. Pine, Santa Ana, were low bidders at \$25,540 on general contract except excavat. for erecting new school at El Modena. Allison & Allison, 1405 Hibernian Bldg., archts. Low bidders on other contracts were: John McFadden, Santa Ana, on sheet metal work at \$286; Hammond Lumber Co. on comp. rfg. at \$640; R. G. Blessing on tile rfg. at \$1250; Burt Douquin on plastering at \$5500; John McFadden on painting at \$2487; Bennett-Montgomery Hardware Co. on hardware at \$733; S. Hill & Son, Santa Ana, on plumbing at \$2797; and H. H. Walker on elec. work at \$200. Contracts will be awarded to low bidder. Bldg. will contain 12 classrooms, brick or hollow tile constr., plas. ext., comp. and tile rfg.

GILROY. Santa Clara Co., Cal.—The Scott Co. have been awarded a contract by the Board of Trustees of the Gilroy School District for the heating system in the school. Plans were prepared by Architects Wyckoff & White, Growers Bank Bldg., San Jose.

BERKELEY. Alameda Co., Cal.—Until Oct. 17, 4 p. m., bids will be received by Clyde Blanchard, secy. Board of Education, to install electric clock, program bell and fire alarm system in Jefferson school addition. Wm. C. Hays, architect, 1325 First Natl. Bank Bldg., San Francisco. See call for bids under official proposal section in this issue.

STORES AND OFFICES

Contract Awarded.
STORE BLDG. Cost, \$11,375
BURLEIGH, San Mateo Co., Cal. NW Burlingame Ave. and Primrose Rd. One-story Class C store building.
Owner—M. Fleisnacker, 401 2nd St., San Francisco.

Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—Geo. H. Arthur, 409 Occidental Ave., San Francisco.

Sub-figures Being Taken.
ST. FRANCISCO. Cost, \$300,000
OAKLAND, Broadway bet. 15th and 16th Sts., Oakland.

Three-stories and basement reinforced concrete store and loft building 100x124.

Owner—George Clark, lessee Roos Bros.
Architect—For owner, Wm. Knowles, Hearst Bldg., San Francisco and Central Bank Bldg., Oakland.
Architect—For lessee, S. Heiman, 57 Post St., San Francisco.
Structural Eng.—Edw. L. Soule, Rialto Bldg., San Francisco.
Mechanical Eng.—Leland & Haley, Holbrook Bldg., San Francisco.

To Be Done By Day's Work.
STORE BLDGS. Cost, \$10,000 each
SAN FRANCISCO, N Stevenson 462 & 274 W 7th.
Two-story & basement reinforced concrete bldgs. (annex) store.
Owner—A. F. Reussau, 110 Sutter St.
Architect—D. C. Coleman, 110 Sutter St.

Contract Awarded.
ALTERATIONS. Cost, \$5000
SAN FRANCISCO, Market St. nr 4th St. New show windows and interior store fixtures.
Owner—Kitchener & Schmulian, 821 Market St.
Designer—H. P. Volmer, Flood Bldg., San Francisco.
Contractor—The Fink & Schindler Co., 218 13th St.

To Be Done by Day's Work.
STORE BLDG. Cost, \$—
RICHMOND, Contra Costa Co., Cal. Thirteenth St. bet. Nevin and Macdonald Aves., 22x56.
One-story brick and tile store building.
Owner—Louis De Gregoria, 535 9th St., Richmond.
Architect—Not Given.

Sub-contracts Awarded.
ADDITION. Cost, \$18,000
SAN FRANCISCO, No. 250 Stockton St. Alterations to present office and store building.
Owner—Rudolph Wurliizer Co., Prem. Architect—V. W. Houghton, 425 Kearny St., San Francisco.
Contractor—Fink & Schindler Co., 226 13th St., San Francisco.
Elevator work to Pacific Elev. & Equip. Co., \$6200; limit 22 days.
Hardware to Superior to Inland Floor Co., \$397.50; 15 days.
Electrical work to Crown Elec. Co., \$2575; 30 days.
Marble to American Marble & Mosaic Co., \$1626.
Painting to be awarded shortly.

Sub-figures Being Taken.
OFFICE BLDG. Cost, \$425,000
HONOLULU, Hawaii.
Class "A" monumental office bldg.
Owner—Castle & Cook.
Architect—H. Dickey, 2149 Broadway, Oakland.
Engineer—A. A. Brown, care Matson Nav. Co., 120 Market St., S. F.
Sub-figures are being taken by A. A. Brown.

Contract Awarded.
SUBDIVISION. Cost, \$63,000
LOS ANGELES
Interior mohogany trim for 10-story office building.
Owner—Bank of Italy.
Architect—Morgan, Walls & Morgan, 1124 I. N. Van Nuys Bldg., L. A.
Contractor—The Fink & Schindler Co., 218 13th St., S. F.
Time—December 31, 1922.

Figures Being Taken From a Selected List of Contractors.
LOS ANGELES. Cost, \$250,000
LOS ANGELES, Los Angeles Co., Cal. Hill St. bet. 6th and 7th Sts.
Eight-story and basement Class A store and loft building.
Owner—Starr Plaza Co.
Architect—Stanton, Reed & Hibbard, Metropolitan Bldg., Los Angeles.
The steel contract has been awarded to the Baker Iron Works, Los Angeles.

LOS ANGELES. L. A. Co., Cal.—P. W. and E. C. Quinby, 465 Grauman's Hill St. Theatre Bldg., have secured a 99-year lease on property at n. e. cor. of 7th and Grand Ave. The lease calls for the erection of a 12-story Class A bldg. within three years.

FRESNO. Fresno Co., Cal.—The Burnett Mfg. Co., Santa Fe & San Benito Streets, Fresno, have secured a 99-year lease on property at n. e. cor. of 7th and Grand Ave. The lease calls for the erection of a 12-story Class A bldg. within three years.

THEATRES

MONROVIA. L. A. Co., Cal.—O. F. Keisler, 1014 N. Broadway, Los Angeles, plans to build a Mission style motion picture house seating about 1000, in Monrovia. The house will have pipe organ and all modern features.

Official Proposals

BIDS WANTED FOR ASSEMBLY HALL

NOTICE TO CONTRACTORS (Rosedale School District)

Bids will be received by R. T. Waters at Rosedale up to the hour of 2 P. M., of the 17th day of October, 1922, for the furnishing of all material and completing the assembly hall, which is partly built. All work and materials will be in accordance with the specification of the new Rosedale school and as directed by J. M. Saffell, architect. Bids will be put in separately as indicated in the notice. Bid No. 1 for plastering the exterior of the building as specified and plaster the entire building at stage, including both sides of partition separating stage from assembly hall.

No. 2, separate bid for plastering assembly hall.

No. 3, roofing building.

No. 4, building brick chimney, 2 1/2 bricks square.

No. 5, bid for painting building.

No. 6, bid for finishing the carpenter work and doing all tin work; all floors to be thoroughly cleaned up.

No. 7, for changing floor in assembly hall to hard maple, 3/4-inch thick.

Those putting in bids will look the work over before making out bid. Each bid must be accompanied by a cashier's check for 10 per cent of the amount of bid, made payable to E. T. Waters, Clerk of Board of Trustees, Rosedale School District, as a guarantee that the successful bidder will give a bond of 50 per cent of amount of bid and enter into a contract with the Trustees in 5 days to do said work.

The right is reserved to reject any or all bids.

Bids addressed to R. T. Waters at Rosedale and marked Bid on Assembly Hall.

R. T. WATERS, Clerk.
PETER HEIMFORTH,
A. L. RENFRO,
Board of Trustees.

NOTICE TO CONTRACTORS

(Current Creek Road)

Sealed proposals for constructing the above-named National Forest Project located within the County of Nevada, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 881 Mills Building, San Francisco, California, until 2 o'clock p. m., on the 31st day of October, 1922, at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids, and none will be considered except those from contractors ascertained to be experienced and responsible. The project is located about 40 miles southwest of Reno and the length to be constructed is approximately 14.6 miles. The principal items of work are approximately as follows:

- Clearing and grubbing, 44.5 acres.
- Excavation, rock, 3000 cu. yds.
- Excavation, common, 45,000 cu. yds.
- Cement rubble masonry, 260 cu. yds.
- Class "B" concrete (alternate for cement rubble masonry), 260 cu. yds.
- Corrugated metal pipe, 2500 lin. ft.
- Trestle bridge material in place, including br. iron, 5.4 M. B. M.
- Furrow ditch, 10,000 lin. ft.

The work embraced in this contract shall be started within fifteen days after notice so to start has been given by the contractor by the District Engineer, which notice will not be given until weather conditions render it practicable to prosecute the work to advantage in the Spring of 1923, and shall be completed within 100 working days after said notice has been given.

The contract form and maps, plans, specifications and estimate of quantities may be examined by responsible contractors at the following addresses:

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS, which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate, 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

881 Mills Building, San Francisco, California.

District Engineer, Bureau of Public Roads, 406 Col. Hudson Bldg., Ogden.

At Engineer's Camp, Currant, Nye County, Nevada.

Nevada State Highway Commission, Carson City, Nevada.

Care of Forest Supervisor, Ely, Nevada.

The Bureau of Public Roads will furnish corrugated metal pipe for pipe culverts. The Bureau also has available for loan to contractors on a rental basis, equipment as listed in the proposal sheets. Bidder will state in his bid the amount of government equipment that he will use during construction and the minimum rental period thereof. The estimated rentals will be deducted from the total of the construction items and award will be made on bid to best advantage to the Government.

Plans and specifications will be furnished contractors who contemplate bidding upon deposit of a certified check for \$10,000 payable to the Secretary of Agriculture of the United States. Check will be held, pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the Specifications above referred to.

C. H. SWEETSER,
District Engineer.

NOTICE TO CONTRACTORS FOR THE INSTALLATION OF ELECTRIC CLOCK, PROGRAM BELL AND FIRE ALARM SYSTEM FOR THE JEFFERSON SCHOOL, BERKELEY CALIFORNIA

The Board of Education of the City of Berkeley and of Berkeley School District in the County of Alameda, State of California, invites and the undersigned will receive at his office, 2133 Allston Way, Berkeley, California, up to the hour of 4 o'clock p. m., October 17, 1922, sealed proposals for furnishing the necessary materials, tools and labor for the wiring and installation of an electric clock, program bell and fire alarm system for the Jefferson School addition, situated on Sacramento and Rose Streets, in accordance with plans and specifications on file in the office of the said Board of Education, 2133 Allston Way, Berkeley, California.

QUANTITY SURVEYOR

and Valuation Engineer
Buildings and Engineering Works

ARTHUR PRIDDLE

693 Mission Street, at Third St.

San Francisco, Cal.

Telephone Douglas 8-4-9-3

Copies of said plans and specifications may be obtained from the office of Wm. C. Hays, architect, 1325 First National Bank Bldg., San Francisco, California, upon depositing the sum of \$10 and must be returned within five days or the said deposit may be forfeited and turned into the treasury of the Board of Education.

Bids must be upon blank forms according to the form of proposal on last page of specifications.

The successful bidder will be required to furnish a surety bond acceptable to the Board of Education in a sum not less than twenty-five per cent (25%) of the contract price, guaranteeing the faithful performance of the contract; also a bond in a sum not less than fifty per cent (50%) of the contract price, guaranteeing the payment of all claims for labor employed or materials used in the installation of electric clock, program bell and fire alarm system for the Jefferson School Addition, as provided by an Act of the Legislature of the State of California entitled, "An Act to Secure the Payment of Claims of Material-men, Mechanics or Laborers Employed by Contractors Upon State, Municipal or other Public Work, approved March 27, 1897," and must carry adequate insurance or give bonds indemnifying the Board of Education against liability for compensation provided by "Workmen's Compensation Insurance and Safety Act, approved May 26, 1912," satisfactory to said Board of Education.

All bids must be accompanied by a cash deposit or a certified check on a responsible bank and payable to the Board of Education for an amount equal to ten per cent (10%) of the amount of the bid.

If the bidder to whom the contract is awarded shall for five (5) days after such award fail or neglect to enter into a contract and file the required bonds for the faithful performance of the contract and the furnishing of materials and labor, the cash deposit or certified check of said bidder may be declared forfeited to the Board of Education and shall be collected and paid into the General Fund of said Board of Education.

Bids will be opened by the said Board of Education on Tuesday, October 17, 1922 at or after the hour of 4:15 o'clock p. m. in the Board of Education rooms, 2133 Allston Way, Berkeley, California.

The Board of Education reserves the right to reject any and all bids or any part of any bid.

By order of the Board of Education of the City of Berkeley, County of Alameda, State of California.

CLYDE BLANCHARD,
Secretary of said Board of Education

NOTICE TO CONTRACTORS

(Dewey School Subway)

Office of the Secretary of the Board of Education of the City of Oakland, California. Sealed bids will be received by the Board of Education of the City of Oakland, City Hall, Oakland, California, until the 16th day of October, 1922, at 2:00 p. m., at which time and place they will be opened, for the erection and completion of a subway under the Western Pacific Railroad Company's Right of Way at the Dewey School, of the Oakland School District, located at 37th Avenue and East 12th Street, Oakland, California.

Plans and specifications for said work are on file at the office of the Secretary of the Board of Education and at the offices of the Chief of Construction, Chabot Hall, 11th and Jefferson Streets, Oakland, California.

On a deposit of Ten (10) Dollars complete sets of said plans and specifications may be had by any prospective bidder. These may be retained for a period of six days by the Contractor, if these plans and specifications are not returned within said period, or if

they be mutilated, the said deposit may be retained by said School District as agreed and liquidated damages for said detention and mutilation.

Bids must be made on proposals obtained at the office of the Chief of Construction, and be signed by the bidder, accompanied by a certified check for at least ten (10) per cent of the amount of the bid or proposal, certified to by some responsible bank or banker, and made payable to John W. Edgemond, Secretary of the Board of Education, to be retained by the said School District as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law.

NO BID WILL BE ENTAINED BY THE BOARD OF EDUCATION UNLESS ACCOMPANIED BY THE WRITTEN PERMISSION OF THE WESTERN PACIFIC RAILROAD COMPANY TO ENTER ON THEIR RIGHT OF WAY FOR THE CONSTRUCTION OF THE SUBWAY.

Bids will be opened by the Board of said District on the 16th day of October 1922, at 4:30 o'clock p. m. in the Board Room, second floor of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any of all items of such bids.

JOHN W. EDMOND,

Secretary of the Board of Education of Oakland, California.

NOTICE TO CONTRACTORS

(Live Oak School Addition. Estimated Cost, \$10,000)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Live Oak School District, Santa Cruz, California, at ten o'clock A. M., on October the 14th, 1922, for the erection and completion of alterations and additions to the Live Oak School Building in said district according to plans and specifications prepared by Charles F. Masten and Lester W. Hurd, architects. Bids will be received for the labor, material and mechanical work in said district to be used and employed in the erection and completion of the said alterations and additions to said building.

Plans and specifications may be seen at the office of the said architects at 168 Sutter St., San Francisco, California, or at the office of the Clerk of the Board of Trustees at No. 31 Walnut Avenue in the City of Santa Cruz, California.

All bids must be accompanied by certified check for sum not less than ten (10) per cent of the amount of said bid, made payable to A. M. Foster, Clerk of the Board of Trustees of the Live Oak School District. Each bid must be enclosed in a sealed envelope and addressed to said Clerk at No. 31 Walnut Ave., Santa Cruz, California. The Board reserves the right to reject any and all bids. Bids must be delivered to the undersigned clerk of said Board of Trustees at his said office on or before the time for the opening of said bids.

A. M. FOSTER,
Clerk of the Board of Trustees of the Live Oak School District.

BIDS WANTED FOR GUVERNMENT HIGHWAY

NOTICE TO CONTRACTORS

Sealed proposals for constructing or improving the Patricks Creek-Adams Station (Grants Pass-Crescent City) Nat'l Forest Road project located within the Siskiyou National Forest, State of California, County of Del Norte, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 316 New P. O. Bldg., Portland, Oregon, until 10 o'clock a. m., on the 10th day of Oct., 1922, at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids, and none will be considered except those from contractors ascertained to be experienced and responsible.

The length of project to be constructed or improved is approximately 12.8

miles, and the principal items of work are approximately as follows:

Clearing, 80 acres.
Grubbing, 267 acres.
Excavation unclassified, 380,000 cubic yards.
Culverts, 4480 lin. ft.
Class "A" concrete, 160 cu. yds.
Reinforced steel, 12,800 lbs.
Stations grader work, 93.5.
Cement rubble masonry, 380 cu. yds.

Hand placed embankment, 1500 cu. yards.

The Government has available for loan to contractors on a rental basis, equipment such as trucks, concrete mixers, etc. Contractor may arrange with District Engineer for the equipment that may be used in doing the construction. The rentals will be deducted monthly from the total of the construction payments.

The work embraced in this contract shall be completed within 220 weather working days (page 4), following the execution of the contract by the Secretary of Agriculture.

Plans, specifications and the maps, plans, specifications, and estimates of quantities may be examined by responsible contractors at Room 316 Post-office Bldg., Portland, Oregon, Bureau of Public Roads, San Francisco, California, and at the Office of the Forest Supervisor, Grants Pass, Oregon.

Plans and specifications may be furnished to contractors who contemplate bidding, upon deposit of certified check for \$10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms, and in accordance with instructions, and the part of the specifications above referred to, and must be accompanied by a proposal guaranty in an amount at least equal to five (5) per cent of the total amount of the proposal.

C. H. PURCELL,
District Engineer.

NOTICE TO CONTRACTORS

(Livermore School Lighting Fixtures)

Office of the Clerk of the Board of Trustees, Livermore School District, Livermore, Alameda County, California.

Sealed bids will be received by the Clerk of the Board of Trustees of the Livermore School District, Livermore, Alameda County, California at his office at the south west corner of 6th & 1 Streets, Livermore until Tuesday October 17, 1922, at two o'clock p. m. (the day when said bids will be opened and the award made) for the furnishing and erecting lighting fixtures required for the new school building now under construction in said District.

Plans and specifications for this work are on file in the office of the Clerk of the Board of Trustees, also at the office of the Architect, Henry H. Meyers, 1201 Kohl Building, San Francisco, where copies may be obtained.

Each bid must be accompanied by a check for at least 10 per cent of the amount of the bid proposal certified to by some responsible bank and made payable to Rube Hunter, Clerk of the Board of Trustees of the Livermore School District, to be forfeited to the said School District as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award to give surety bonds may be required by the Board for the faithful performance of the contract.

The Board reserves the right to reject any or all bids.

(SEAL) RUBE HUNTER,
Clerk of the Board of Trustees, Livermore, California,
Dated September 29, 1922.

BIDS WANTED FOR ADDITIONS TO TWO SCHOOLS

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received by the Board of Education of the Sacramento City School District for the complete erection of additions to two school buildings in accordance with plans and specifications on file in the office of the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, and also in the office of Dean & Dean, Architects, third floor of City

Library, 9th and I Streets, Sacramento, California.

The said additions to school buildings will be erected on property owned by the School District, at 53rd and J Streets, and at 16th and 17th and N Streets, situated in the City of Sacramento, State of California.

On a deposit of \$10.00 with the Board of Education, at the Architects, complete sets of plans and specifications may be had by any prospective bidder, and retained for a period of 15 days. The deposit will be returned to the bidder on the return of the plans and specifications.

Bids must be made on proposals obtained at the office of the Architects, and be signed by the bidder, accompanied by a certified check for at least 10 per cent of the amount of the proposal, certified to by some responsible bank or banker, and made payable to the Secretary of the Board of Education of the Sacramento City School District, said check to be forfeited to and retained by the School District, should the party of parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds as required. Bids must be plainly marked on the exterior "Proposals for Additions to El Dorado and Jefferson School Buildings."

All bids must be filed with the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, not later than 7:30 o'clock P. M. Monday, October 16th, 1922.

The Board of Education of the Sacramento City School District reserves the right to reject any and all bids.

BOARD OF EDUCATION,
SACRAMENTO CITY SCHOOL DIST.,
Chas. C. Hughes, Secretary.

NOTICE INVITING SEALED PROPOSALS FOR FURNISHING WATER PIPE AND FITTINGS

Notice is hereby given that the Council of the City of Santa Cruz invites sealed proposals or bids for furnishing the following:

2000 feet 1-inch Class B cast iron pipe bell and spigot joints.
12 4-inchx4-inch cast iron tees.
6 4-inchx4-inch cast iron elbows.
6 6-inch x 6-inch cast iron tees.
6 6-inch x 4-inch cast iron tees.
6 4-inch x 1/2-inch cast iron bends.
6 6-inch 1/2-inch cast iron elbows.
Pipe to be not less than 12 foot lengths.

Pipe and fittings to be delivered f. o. b. Santa Cruz. Delivery to be made within 10 days after award of contracts.

Said proposals or bids will be received at the office of the City Clerk in the City Hall, Church Street, in the City of Santa Cruz, up to the hour of 9 o'clock a. m., on Tuesday, the 17th day of October, 1922, and the same will be opened at 9:30 o'clock a. m., on Tuesday, the 17th day of October, 1922.

All proposals or bids must be in writing, must show the total amount submitted and must be accompanied by a certified check for ten per cent of the amount bid, payable to the City of Santa Cruz.

The Council of said city reserves the right to reject any and all bids.

S. A. EVANS,
City Clerk.

Dated October 4, 1922.

BIDS WANTED FOR ADDITIONS TO SCHOOL

NOTICE TO CONTRACTORS

(Eight-room and Auditorium Brick and Concrete Addition. Estimated Cost, \$120,000)

Notice is hereby given that sealed bids will be received by the Board of Education of the Sacramento City School District for the complete erection of an addition to a school building in accordance with plans and specifications on file in the office of the Secretary of the Board of Education of the Sacramento City School District, Room 300 City Hall, Sacramento, California, and also in the office of Dean & Dean, Architects, third floor of City Library, 9th and I Streets, Sacramento, California.

The said school building is to be erected on the property owned by the School District, at 24th and 25th, N and

O Streets, situated in the City of Sacramento, State of California.

On or before 1st of 22.00 with the Board of Education, or the Architects, complete sets of plans and specifications may be had by any prospective bidder and retained for a period of 15 days. The deposit will be returned to the bidder on the return of the plans and specifications in good condition.

Bids must be made on proposals obtained at the office of the Architects, and be signed by the bidder, accompanied by a certified check for at least 10% of the amount of the bid or proposal, certified to by some responsible person or banker, and made payable to the Secretary of the Board of Education of the Sacramento City School District, said check to be forfeited to and retained by the School District should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award, or to give bonds as required. Bids must be plainly marked on the exterior "Tropical for Addition to Fremont School Building."

All bids must be filed with the Sacramento City School District, Room 309, City Hall, Sacramento, California, not later than 7:30 o'clock P. M., Monday, October 16th, 1922.

The Board of Education of the Sacramento City School District reserves the right to reject any and all bids.

BOARD OF EDUCATION,
SACRAMENTO CITY SCHOOL DISTRICT,
Chas. C. Hughes, Secretary

CALL FOR BIDS FOR FURNISHING TWO PUMPS, TWO ELECTRIC MOTORS AND MOTOR CONTROL EQUIPMENT FOR MERCED IRRIGATION DISTRICT.

Public notice is hereby given that sealed proposals for furnishing two pumps direct connected to two electric motors with motor control equipment for Booster Plant No. 1 of the Lake Yosemite-Le grand canal of Merced Irrigation District will be received by the Board of Directors of said district in the City of Merced, State of California, at 11 o'clock P. M., on Friday, October 13, 1922, at which time and place all bids so received will be opened in public by said Board. Thereafter said Board will let said work to the lowest responsible bidder, but said Board reserves the right to reject any or all bids.

Said machinery and equipment shall be furnished by a factory. Said pumps shall each be so designed as to be able to discharge successfully and continuously 20 cubic feet of water per second against a total head of 24 feet. Said motors shall each have a rating of 440 volts, 60 cycles and 3 phase, said pumps, motors and equipment are more particularly described in the plans and specifications hereof, which may be seen at the office of said Board. Any prospective bidder may obtain a copy of said plans and specifications upon payment of \$5 therefor.

Any bidder to whom the contract for furnishing said machinery may be let must furnish a bond as provided by law in the sum of at least 25 per cent of the contract price additional for the faithful performance of the contract, including the guarantees therein to be made by the contractor.

Each bid must be accompanied with cash or a cashier's or certified check or bond for an amount equal to at least 5 per cent of the total amount of the bid, as a guaranty that, if the bid is accepted, the bidder will, within 20 days after its acceptance, enter into a contract with the district in the form attached to said specifications and furnish the bond aforesaid.

All proposals must be on forms which will be furnished by the district at the office of said Board and must be in sealed envelopes addressed to the Board of Directors of Merced Irrigation District.

Dated at Merced, California, September 25, 1922.

By order of said Board of Directors of said District.

W. D. WAGNER, Secretary.

NOTICE TO BIDDERS

(County Hospital Heating System)

Office of the Clerk of the Board of Supervisors of Contra Costa County, State of California.

NOTICE IS HEREBY GIVEN that sealed bids will be received by the Clerk of the Board of Supervisors of Contra Costa County, State of California, at his office until 11 o'clock a. m., on Monday, October 23rd, 1922, for the alterations and additions to the heating system for Contra Costa County Hospital, on Hospital grounds in the town of Martinez, Contra Costa County, State of California.

Plans and specifications for the work are on file in the office of the Clerk of this Board and the office of Hunter & Hudson, Engineers, 711 Rialto Building, San Francisco, California, to which bidders are hereby referred.

Bids shall be marked "Bids for Alterations and Additions to the Heating System in County Hospital."

All bids must be accompanied by a certified check on some solvent bank or a cash deposit in a sum equal to ten per cent of amount bid on whole contract, conditioned that if the contract is awarded to the party submitting the accepted bid, he will enter into a contract or contracts and furnish such bonds as may be required by said Board, within five days after the notice of award or failing so to do, the amount of such check or cash deposit shall be forfeited as liquidated damages for such failure.

All checks to be made payable to the order of the Clerk of the Board of Supervisors of Contra Costa County, State of California.

Said Board reserves the right to reject any and all bids and to waive any informality in any bid received.

A deposit of \$20 will be required for the furnishing of a set of plans and specifications, said amount to be returned to the party on return of the plans and specifications in good order. By order of the Board of Supervisors of Contra Costa County, State of California.

Dated, Martinez, California, October 2nd, 1922.

J. H. WELLS,
Clerk of the Board of Supervisors of Contra Costa County, State of California.

NOTICE TO CONTRACTORS

(Library Building Covering)

The Library Board of the City of Palo Alto, Santa Clara County, California, will receive sealed proposals until 7:30 o'clock p. m., October 5, 1922, at the present Library building, corner of Hamilton Avenue and Bryant Street, Palo Alto, California, at which time and place said bids will be opened and read in public for furnishing the required labor and materials for covering the main floor of the present and new building with linoleum or composition in accordance with plans and specifications therefor by Birge M. Clark, architect.

Cashier's or certified check for bidder's bid for amount not less than five per cent of amount of bid shall accompany each proposal, drawn payable to the order of Willis C. Thoits, president of the Library Board of the City of Palo Alto, as guarantee that the bidder will, if requested, within five days after receiving notice of the acceptance of bid enter into a contract with said Library Board in accordance therewith and furnish the required bond. Said check or bond to be forfeited to the Library Board should the bidder fail to execute contract and bonds as above mentioned.

Plans and specifications for all of the above work may be seen at the office of Birge M. Clark, architect, 600 Embarcadero Road, Palo Alto, California, or may be obtained upon the deposit of \$10, which deposit will be refunded to the bidder when plans and specifications are returned in good condition.

The said Library Board reserves the right to reject any and all bids and waive any informality in any bid received.

By order of the Library Board of the City of Palo Alto.

By WILLIS C. THOITS, President.
September 19, 1922.

(Continued on Page 34)

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BRIDGES, DAMS & HARBOR WORK

LOS ANGELES, Cal.—San Francisco Bridge Co., Nevada Bank Bldg., San Francisco, at \$535,000, time for completion 330 days, submits low bid to Harbor Commission to const. superstructure of the Badger Ave. double leaf bascule bridge. Other bids were: Ross Const. Co., Sacramento and Los Angeles, \$542,400, 100 days; Mercer-Praser Co., Elgin, \$574,600, 250 days; Bethlehem Steel Bridge Corp., Bethlehem, Pa., \$595,000; 240 days; Penn Bridge Co., Beaver Falls, Pa., \$608,875, 150 days. Bids taken under advisement.

STOCKTON, San Joaquin Co., Cal.—Following bids rec. and taken under advisement by City Council to const. bridge over Mormon channel in Center St.: bid (1) being for construction with all traffic closed except foot traffic and (2) to keep structure open and permit street cars to operate on one track.

Davidson-Nichols Co., San Francisco and Stockton, (1) \$17,500, (2) \$65,000.
Davis-Heller-Perce Co., Stockton, (1) \$14,000, (2) \$45,000.

Joe R. Johnson, (1) \$57,100; (2) \$57,000 if allowed to consider.
G. H. Chick, Napa, (1) \$48,900; (2) \$52,540.

Robt. Beryl, (1) \$54,000; (2) \$54,000
J. Nysted (1) \$54,491; (2) \$56,540
C. W. Kitchen, (1) \$47,920; (2) \$52,000

LOS ANGELES, Cal.—Until 11 A. M. October 30, bids will be received by the Supervisors for dismantling a steel bridge on the La Canada Verdugo road over the Arroyo Seco.

SAN FRANCISCO—Until October 3, bids will be received by District Forester, Ferry Bldg., for furnishing all iron and steel for a 20x10 1/2 ft. span pin connected steel truss bridge. Plans on file in office of District Forester, Ferry Bldg.

STOCKTON, San Joaquin Co., Cal.—Davis-Heller-Perce Co., Delta Bldg., Stockton, at \$44,000 awarded cont. by council to const. rein. conc. Center St. bridge over Mormon Channel. Will be 204 ft. long; vehicle traffic, 52 ft. wide and pedestrian walks, 6 ft.

SAN PEDRO, Cal.—Chamber of Commerce and local organizations, trying to secure a motion bridge over the Long Beach Channel connecting the mainland and Terminal Island industries and docks during the period that the steel bridge is being built over Cerritos Channel at Badger Ave. Harbor Engr. Ludlow estimated the cost at \$20,000.

SAN LUIS OBISPO, Cal.—Robinson & Roberts, Redondo Beach, awarded contract to construct a 750,000 bbl. oil storage reservoir at tank farm of Union Oil Co. Work has started.

PALMDALE, Cal.—W. H. Goff, 745 Lyon St., Los Angeles, was successful bidder to const. three earth dams near Palmdale for the Palmdale Water Co. Contract involve approx. 80,000 cu. yds. embank. and 140,000 sq. ft. cover. Slope-pavement, owner to furnish cement and steel mesh reinforcement. City of Sacramento, was second low bidder and C. H. Hudson, of Los Angeles, third low bidder. Bids not made public.

SACRAMENTO, Cal.—Good Roads Committee of Chamber of Commerce urges State Highway Commission to undertake immediate construction of North Sacramento viaduct to carry state highway over Sacramento Northern and S. P. tracks. Plans for the viaduct have been prepared but lack of funds prevents immediate construction.

SACRAMENTO, Cal.—County Surv. Chas. Detarding completes spec. for two rein. conc. bridges—one a 50-ft. span on the Clay-lone road across Hidesville creek, est. cost \$5520 and a 30-ft. span over ravine in the same vicinity, est. cost \$3840. Bids will be asked shortly. Harry W. Hall, county clerk.

SANTA BARBARA, Cal.—City Engr. Geo. Morrison is preparing estimate for repairs to Mason, Gutierrez and Mission Creek bridges.

SAN JOSE, Santa Clara Co., Cal.—Wm. Martin, San Jose, at \$1287 awarded cont. by supervisors to const. rein. conc. culvert in Redmond road. Supervisor Dist. No. 4 other bids: J. J. Meyerholz, \$1847; J. W. Williams, \$1500. Surveyor's est. \$1847.

SAN DIEGO, Cal.—Col. Ed. Fletcher has been granted a permit to build the Sutherland reservoir on the Santa Ysabel river for the development of hydro-electric power. The dam on the left will develop 3000 theoretical horse power, will include 1.3 miles main line of canal, of 20-in. pipe. Col. Fletcher recently purchased 850 acres of the Chambers ranch for a syndicate composed of wealthy Californians, who plan to develop the section for colonists.

OAKLAND, Cal.—Until Oct. 11, 12 m. bids will be received by E. K. Sturges, city clerk, to const. conc. culvert in Indian Gulch bet. Haddon Rd and Wesley Ave. Bond of \$2000 required of successful bidder. W. W. Harmon, city eng.

VISALIA, Tulare Co., Cal.—Until Oct. 25, 7:30 p. m., bids will be rec. by Ida Markham, city clerk, to const. 4 conc. culverts. Cert. check 10% payable to city treasurer required with each bid. Spec. may be had from clerk on deposit of \$10, returnable. L. H. Gadsby, city engineer.

REDWOOD CITY, San Mateo Co., Cal.—Supervisors proposed to build bridge across Bean Hollow Creek, below Pescadero, in 5th Township, to a point on eadere, in 3th Township, Geo. A. Kneese county surveyor.

MERCED, Merced Co., Cal.—Roy Krueger, Gustine, at \$200 awarded cont. by supervisors to const. bridges in Rd. Dist. 4 and to C. E. Graham, Merced, for \$2400 in Rd. Dist. 1 and to Merced Concrete Pipe Co., Merced, at \$2075 for bridges in Rd. Dist. 2. Bids for two bridges on Merced-Los Banos highway were rejected as being too high.

MARTINEZ, Contra Costa Co., Cal.—Until Oct. 23, 11 a. m., bids will be rec. by J. H. Wells, county clerk, to const. wood truss highway bridge over Walnut creek on Div. 27, county highway system, known as Ignacio Valley Rd., just east of Town of Walnut Creek. R. R. Arnold, county surveyor.

MADERA, Madera Co., Cal.—Miller & Little, Madera, at \$2075 awarded cont. by supervisors to const. Chowchilla river bridge.

STOCKTON, San Joaquin Co., Cal.—Until Nov. 8, 11 a. m., bids will be rec. by Eugene Graham, county clerk, to const. conc. trestle bridge on Lower Sacramento road at Woodridge; est. cost, \$8000. F. E. Quail, county surv.

TRACY, San Joaquin Co., Cal.—Shattuck Constr. Co., Underwood Bldg., San Francisco, has been awarded cont. to construct oil storage reservoir at Tracy, for the Pacific Oil Co., 79 New Montgomery St., San Francisco. It will have inside dia. of 462 ft., at bottom and 528 ft. at top, and will be 22 ft. deep. Work will involve 45,000 cu. yds. cut and fill, 2400 cu. yds. conc., 640,000 bd. ft. lumber, 280,000 sq. ft. fabric roofing, Pac. Oil Co. will furnish fabric roofing, cement, lumber. Est. cost, bet. \$100,000 and \$125,000. Reservoir will have capacity of 750,000 bbls.

IRRIGATION PROJECTS

BURLINGAME, San Mateo Co., Cal.—Butte Elec. and Mfg. Co., 534 Folsom St., San Francisco, at \$2385 awarded contract by city trustees to install C. I. iron electrodes in Hayward and Highland Aves., San Mateo Drive, Middlefield Road & West Lane. Other bidders: Atlas Electric Co., San Mateo, Cal., \$3020; Watts Electric Co., Burlingame, \$3120; Watts Electric Co., San Francisco, \$4000.

MARICOPA, Ariz.—Until 10 a. m., Oct. 10, bids will be rec. by Maricopa Irr. Dist., Pinal Co., Ariz., for const. of an irrigation system, according to plans and spec. on file with secy. of the dist. This work will include drilling of 17 wells, and 36 batteries of 3 wells each, construction of necessary shafts, pumping chambers and connecting tunnels, derrick towers, pumps, motors, 51 miles of 11,000 v. transmission line, 66-pole type transformer stations complete, lighting arresters, switches, etc., and the excav. of approx. 74 ml. of distribution and 1700 chks. or deposit of 102. D. H. Smith, secy.

EAGLE POINT, Ore.—Wm. Von der Hellen, Eagle Point, at \$140,300 awarded cont. by Eagle Point District to const. canal bet. Big Butte Creek and Eagle Point.

MODESTO, Stanislaus Co., Cal.—Santa Cruz Portland Cement Co., Crocker Bldg., San Francisco, awarded contract by Modesto Irrigation District to fur. from 50,000 to 75,000 bbls. of cement at \$3.49 per bbl. delivered Don Pedro Dam.

FLYTHE, Cal.—The Palo Alto Joint Levee Dist., H. C. Neuffer, chief engineer, Flythe, completing plans and will be ready for bids shortly to const. approx. \$500,000 worth of levees, cuts to straighten channel of Colorado river and several miles of main drainage ditch. Bids for the first section of the work will be taken for about 4 miles of dirt levees and 6 miles of cuts across bends to straighten channel; equipment suitable to dredge, and dragline. Plans, spec. and full information may be obtained by addressing the Palo Alto Joint Levee Dist., Chas. L. Van Wert, Gen. Mgr., Flythe, Calif.

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MERCED, Merced Co., Cal.—Spencer D. Miller, Manteca, Cal., at \$19 cu. yd. on soil, \$40 cu. yd. hardpan and \$75 cu. yd. on rock, awarded contract by Merced Irrigation District for Fairfield Canal Improvements. Total of contract \$24,740. R. C. Starr, ch. eng.

MERCED, Merced Co., Cal.—Following bids rec. by Merced Irrigation District to const. ditch on McConnell ranch E. A. McConnell, Merced, 2.50 cu. yd. on soil and 4.00 yd. for hardpan. Paulkner bid \$20 for both soil and hardpan. Taken under advisement. R. C. Starr, ch. engineer.

TERRA BELLA, Tulare Co., Cal.—Geo. Owen, Porterville, at \$615 awarded contract by Deer Creek Ditch Co. for excavation of approx. 2,500 cu. yds. from Deer Creek ditch, Ished Construction Co., Fresno, submitted conditional bid of \$6300.

LIGHTING SYSTEMS

SAN BUENAVENTURA, Cal.—City Trustees declare intention to install ornamental, const. lighting posts, complete in streets lighting dist. No. 4. Bids date, Oct. 16. Edwin Issacsen, city clerk.

LOS ANGELES, Cal.—Until 10 a. m., Oct. 9, bids will be rec. by Board of Public Works for installing ornamental lighting posts on Berkshire Ave., bet. Kendall Ave. and Huntington Dr. north; also for similar work in Grand Ave., bet. 9th and Pico Sts. Plans and spec. are on file at office of city engineer, 2nd floor, city hall annex. Cert. check for 10% in each case.

PASADENA, Cal.—H. H. Walker submitted low bid to city directors to install ornamental lighting system in a portion of S. Los Robles Ave. and fur bids were: So. Cal. Electric Co., \$975; W. A. McNally, \$1100.

LOS ANGELES, Cal.—City Council declares intention to install lighting posts and appliances in Lucerne Blvd., bet. 3rd St. and Wilshire Blvd., S. Main St., bet. Eastlake Ave. and Daly St., and in Sunset Blvd., bet. Vista and Stanley Sts. 1911 Act.

GLENDALE, Cal.—Until 7 p. m., Oct. 12, bids will be rec. by city clerk for installing ornamental street lights on San Fernando Rd., bet. Pacific Ave. and Los Feliz Rd. Plans and spec. on file with city engineer. Work will involve 50 light and 100 posts. 1800 posts. Cert. chk. 10%. A. J. Van Wier, city clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Oct. 12, 2 p. m., bids will be rec. by H. E. Miller, county clerk, to const. street lighting system for Boulder Creek Public Highway Lighting Dist. Cert. check 10% payable to county clerk required. Plans on file in office of clerk.

MERCER, Merced Co., Cal.—San Joaquin Light & Power Co., Fresno, at \$50.63 (monthly rental) awarded cont. by supervisors to install and maintain 25 100-candle power lamps in Planada Lighting District.

LOS ANGELES, Cal.—H. H. Walker, 1800 W. 12th St., awarded contract by Board of Public Works at \$1,650 for furnishing and setting ornamental light posts and appliances on Sixth St., bet. Pacific Ave. and Harbor Blvd., San Pedro. Other bids were: Paulson Constr. Co., \$12,017; Southern Cal. Elec. Co., \$12,111; Newbery Elec. Corp., \$12,558; C. W. Sparks, \$13,375.24. Southern Cal. Elec. Co., 625 S. Main St., at \$14,996, awarded contract for furnishing and setting ornamental light posts and appliances on Broadway bet. 10th and Pico. Other bids were: H. Paulson Constr. Co., \$15,175; H. W. Paulson, \$15,530; Newbery Elec. Corp., \$16,522; C. W. Sparks, \$20,937.19.

STOCKTON, San Joaquin Co., Cal.—Property owners in North California Street have formed North California Street Improvement Club for purpose of financing installation of electroliters in that thoroughfare as far as North St. Committee appointed to secure \$1500. Figures consists of Harry Dawson, chair-

man; M. G. Dentoni, Mrs. Nettie Harrison, D. T. Williams, H. M. Manthey, Louis Calabristi and H. P. Fisher.

MACHINERY

LOS ANGELES, Cal.—Until 3 p. m., Oct. 17, bids will be rec. by public service comm. 207 S. Broadway, for 20,000 volt cable, Spec. P-289, Jas. E. Vroman, secretary.

MERCED, Merced Co., Cal.—Until Oct. 13, 11 a. m., bids will be received by W. D. Wagner, secy. Merced Irrigation District, for two electric motors with motor control equipment for Booster Plant No. 1 of Lake Yosemite-Le Grand canal, R. C. Starr, ch. eng. For further information see call for bids under official proposal section in this issue.

PORTLAND, Ore.—Public Dock Commission will re-advertise bids for gondola, belt conveyor for Municipal Terminal No. 4, D. E. Fryer & Co., at \$10,820 recently awarded contract for this work but is unable to proceed due to mistake in bid.

PORTLAND, Ore.—Fred M. Randlett, ch. eng. City Water Bureau, recommends to council that \$100,000 be appropriated for extension of water service metering.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 16, 3 p. m., bids will be rec. by Henry A. Pfister, county clerk, for one or more I-A Heil Hydro Hoist No. 5 with all steel pump body 4-yard with double actuating tailgate to be installed on Liberty trucks. Spec. on file in office of County Clerk, Irving J. Ryder, county surv.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 16, 3 p. m., bids will be rec. by Henry A. Pfister, county clerk, for fur, and del. one or more 4-ton Lee trailers. Spec. on file in office of county clerk, Irving J. Ryder, county surveyors for dredges.

BAKERSFIELD, Kern Co., Calif.—City council orders purchase of motor for street grading; will be 40-65 type costing approximately \$5,000. W. D. Clarke, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—Supervisors authorize purchase of motor truck for county highway department. Est. cost, \$1700. Lloyd Bowman, county surveyor.

VALLEJO, Solano Co., Cal.—Austin Western Rd. Machinery Co., 20 Fremont St., San Francisco, at \$7000 awarded contract by city engineer, T. D. Kilkenry, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Oct. 17, 9 a. m., bids will be rec. by S. A. Evans, city clerk, for fur, and del. C. I. pipe and fittings for water department. James K. James, city eng. See call for bids under official proposal section in this issue.

SAN FRANCISCO.—Until Oct. 25, 3 p. m., bids will be received by Board of Public Works for fur, and del. erecting street signs; est. cost, \$7500. Frames to be 54"x22 1/2"-in., in outside and made of 1 1/2" steel channel and galvanized; the upper part being held together by 3/4"-in. No. 10 brass machine screws; names plates on blue back ground with white letters 3-in. high, made of 18 U. S. gauge Armo iron. 2 coats of porcelain enamel on back and five coats on face. Spec. may be had from city engineer's office, 3rd floor, city hall.

ELK GROVE, Sacramento Co., Cal.—Until Oct. 19, 7:30 p. m., bids will be rec. by S. R. Gage, Elk Grove Union High School District, for fur, and del. one Dodge Bros. screen sides chassis or equal. Cert. check 10% required with each bid. Spec. may be had from clerk.

RAILROADS

SAN FRANCISCO.—Application filed by Western Pacific R. R. with State Railroad Commission for authority to issue \$5,500,000 bonds to finance purchase of 2000 refrigerator and 100 automobile cars.

BAKERSFIELD, Kern Co., Cal.—Santa Fe Railroad will expend approximately \$1,000,000 improving holdings in this city, according to F. W. Doane, local agent, following conference with J. W. Walker, Santa Fe superintendent. Building program calls for ice storage house capable of holding 25,000 tons of ice and accommodating 400 cars of perishable goods; new car repairing department; boiler shop plant; double storage tracks and an electrical switching plant at Kern Junction. The work will extend over a period of two years.

LOMIPOC, Cal.—Work will start soon on short line railway to be built from Lompoc to the White Hills. Bids for materials of incorporation were filed recently. The name of the railway is Pacific-Southwest Ry., and is backed by the directors of the Caltex Co. The corporation is capitalized at \$100,000 and proposes to carry both freight and passengers.

CHICO, Butte Co., Cal.—Residents of Humboldt section petition Sacramento Northern Railroad to extend Chico car lines to Humboldt avenue, from Main St., at the junction onto Humboldt Ave., then south at 16th and Humboldt Sts. Such an extension has been contemplated by the company but no decision reached as to its construction.

OLYMPIA, Wn.—Yakima Southern Railway Co. files articles of incorporation and proposes to const. railway from Yakima southwest to point on north bank of Columbia river near Underwood. Company is capitalized at \$1,000,000. Incorporators are: E. E. Lytle, Portland, Ore., Henry E. Reed and J. B. Atkinson.

FIRE EQUIPMENT

WOODLAND, Yolo Co., Cal.—Woodland Fire Department urges city trustees to call election to vote bonds to finance purchase of motor fire equipment.

COLUSA, Colusa Co., Cal.—City trustees vote to purchase 500 ft. of fire hose.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

LINDSAY, Tulare Co., Cal.—Clark and Henry Const. Co., 38 S. Sutter St., Stockton, at \$125,412, awarded contract by city trustees to improve various streets involving 250 cu. yds. grading, 245,000 sq. ft. 2 1/2-in. asphalt conc. base with 1 1/2-in. Warrenite surface pavement; 41,000 sq. ft. conc. gutters; 5110 lin. ft. conc. curb; 943 ft. conc. iron and steel culvert; 575 cu. ft. conc. walks; 60 lin. ft. 10-in. and 10 lin. ft. 8-in. corr. iron culvert. Other bids: Federal Const. Co., San Francisco, \$134,956; Valley Pacific Const. Co., Visalia, \$143,500; California Road and Street Imp. Co., Fresno, \$138,184; Thompson Bros., Fresno, \$141,744. Harvey Watts, city engineer.

RIVERSIDE, Cal.—Until 10 A. M., Oct. 16, bids will be received by the Supervisors to improve Elsinore-Corona Road involving 2862 cu. yds. excavation; 8000 lin. ft. shaping roadbed; 128,000 sq. ft. 5-in. macadam pavement with asphalt surface; 134 cu. yds. "A" concrete (culvert end walls); or, using alternate design, 2862 cu. yds. excavation; 8000 lin. ft. shaping roadbed; 134 cu. yds. 5-in. cement concrete; 191 cu. yds. "A" cement concrete (culvert end walls). Plans and specifications on file with county surveyor and may be obtained upon deposit of \$5. Certified check of \$500. A. C. Fulmer, County Surveyor.

YUBA CITY, Sutter Co., Cal.—T. E. Stanton, Assistant State Highway Engineer, has been selected to map out the proposed joint highway to be built by Sutter and Sacramento counties from a point near Nicolaus to the end of the present Natomas Blvd. in Sacramento county.

SAN FRANCISCO—Until Oct. 11 bids will be rec. by Board of Public Works to lay high pressure fire mains in North Point St., bet. Powell and Grant Aves. for which supervisors have appropriated \$5000. The lead and 40 lbs. yarn for caulking joints; 1470 lbs. bolts, nuts and washers; one 4' x 8-in. 4" bell and spigot bend, approx. weight 40 lbs.; 130 lbs. (pattern) for 12-in. 120 lbs. valve; one 8-in. frame cover and dust pan for one 8-in. valve, hex., approx. weight 120 lbs. (pattern to be furnished by city). Plans may be had from City Eng'g M. M. O'Shaughnessy, 3rd floor, city.

LODI, San Joaquin Co., Cal.—W. H. Graham Co., at \$16,975.59 awarded contract by City Trustees to furnish cement pipe for storm sewers to drain southern section of the city. Pipe will be 20, 24 and 30-in. Bids for salt glazed vitrified pipe were rejected and new bids will be asked.

CHICO, Butte Co., Cal.—T. H. Polk, Chico, at \$9672 awarded contract by the City Trustees to pave with concrete a strip 12 feet wide and 4 inches thick in Woodland avenue. Chico Contracting Co., Chico, bid \$10,140. F. S. Robinson, City Engineer.

MERCEDES. Merced Co., Cal.—Until Oct. 16, 8 p. m., bids will be rec. by W. W. Cornell, city clerk, to imp. alley in Blocks 162, 163, 185 and 186 with intersection of alley in Block 163 and 3rd St., to east line thereof, to re-paving, curbing and substituting 5-in. asph. concrete surface to be covered with squeegee coat of asph. cement and Warrentite B.T. seal coat having average thickness of 1/2 in. in center, tapering to 1/4 in. curb. Bid Oct. 1915. F. D. Martin, city clerk.

SAN DIEGO, Cal.—Council approve spec. to pave Adams St. bet. Park Blvd. and east city limits. Work except 12-ft. strip in center carrying electrical railway tracks. With the Adams plan were filled spec. and profiles for Uta St., Thirtieth St., and Kansas St. paving. Work consists of 1-in. asph. concrete surface, and will cost about \$155,000.

GLENDALE, Cal.—E. L. Fleming, 1007 S. Boynton Ave., Glendale, submitted low bid to city trustees, and will be awarded contract at \$17,250.30 to pave Kenneth Rd. and other streets, involve 1950 lin. ft. grading at 50c ft.; 7850 sq. ft. cem. gutter at 20c ft.; 32,475 sq. ft. 5-in. oiled macad. at 12c ft.; 3850 ft. curb at 50c ft.; 19,615 sq. ft. walk at 18c ft.; laying 2002 ft. 4-in. c. i. water pipe, \$2232.

W. J. Curren, 375 W. Patterson St.
Glendale, submitted low bid and will be
awarded cont. at \$267,720.05 for paving
and curbing. 12 in. pipe 100 ft. 12 in.
lin. ft. grading at 66¢ ft.; 16,650 sq. ft.
cutter at 21¢ ft.; 139,000 sq. ft.; 5-in.
slip macad. at 12¢ ft.; 386 ft. curb at
\$1.00 sq. ft.; 100 sq. ft. walk at 17¢ ft.
Cox & Teget H. A. Teget, 222 Har-
vard Pl., Ontario, submitted low bid
for 12 in. pipe 100 ft. 12 in. pipe
sewer laterals invol. (1) 16,490 ft. 8-in.
vlt. pipe at \$4 ft.; (2) 6285 ft. 8-in. pipe
at \$1.55 ft.; (3) 60 ft. 15-in. pipe at
\$4.90 ft.; (4) 60 mph. curb at \$1.00
(5) 14 flush tanks at \$150 each; (6)
limpohes at \$30 each. Other bids were
not received. Co., \$49,926.00; P.
Fgrr., \$52,276.50.

SAN FRANCISCO—City Eng. M. A. O'Neil has announced that the proposed \$1.5-million, 10-in. to 15-in. water main project involves 19,592 cu yds. cut; 823 cu yds. fill; 500 lin. ft. 8-in., 680 lin. ft. 12-in., 190 lin. ft. 14-in., and 275 lin. ft. 18-in. pipe; 500 pipe and manhole covers; 10 8-in. to 12-in. water branches or less; 35 for 12-in. to 15-in., and 10 for 18-in. pipe sewer; 7 br. manholes with c. i. frames and covers and gully wrought-iron steps; 670 ft. 10-in. culvert; 17 br. pipe culverts; 320 lin. ft. conc. curb; 23,155 sq. ft. asphalt concrete pavement; 3100 sq. ft. art. stone walk.

BERKELEY, Alameda Co., Cal—Oakland Paving Co., 5000 Broadway, Oakland, at \$94,687, awarded cont. by council to improve Telegraph Ave., bet. Dwight Way and south city limits by grading; conc. curb and gutter; paving with 2-in. surface on 5-in. asphalt conc. base; conc. catchbasins with vit. sewer connections. Other bids: Hutchinson Co., Oakland, \$94,800; Warren Construction Co., Oakland, \$104,215.

PULLMAN, Cal.—City trustees have authorized mayor and city clerk to sign contract with Santa Ana and Anaheim to construct the new tri-city sewer line. The estimated cost of the line is about \$200,000 to be borne by the cities as follows: treatment plant and station, 33.1 per cent; sewer line, 33.1 per cent; and pumping station, 33.1 per cent. The maintenance cost shall be based upon yearly usage. The city of Santa Ana shall have charge of the construction and shall be responsible for all details until system is ready for use. The sewer line to the ocean will be 12-18 in. dia. pipe and will have a capacity of 20 million in. per day. Orange may be taken into the arrangement when that city is financially able. Work on the line is scheduled to start in October. Probably will be complete by Oct. 1936.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares intention to imp. 4th St., bet Julian and Empire Sts.; grading, paving with 3½-in. bit. conc. base with 1½-in. Warrentite-Bit. surface; concrete curbs and gutters; 1 br. catchbasin 8-in. vit. pipe drains.

Inten. declared to improve. \$tb St. bet. Virginia and Keyes; grading; paving with 3-in. bit. conc. base with 1½ in. Warrenite-Bit. surface conc. curbs and gutters; hyd. cone. walks; 2 br catchbasins; 8-in. vit pipe drains. Imp. Act. 1911 and Bond Act 1915. Wm Popp, city eng.

YREKA, Siskiyou Co., Cal.—Super visors Thos. West, of the Klamath For est Office, requests Siskiyou County supervisors to appropriate \$27,755 for the part completion of the Somes Ea Forks-Salmon road; \$20,000 to be avail able March 16, 1923 and the balance July 11th. This amount would be met by \$150,000 from the Government to complete the project. Taken under ad visement, H. J. Sarter, county surveyor.

LOS ANGELES, Cal.—Until 11 a. m. Oct. 16, bids will be rec'd. by county supervisors to improve Candlerwood Ave. bet. Washington St. and its south terminus, 231 ft. long, 48 in. dia. b. l. No. 219. Involve: 430 cu. yds. excav.; 253 sq. yds. shaping roadway; 4552 lb. fine conc. walk; 152 expansion joints for curbs; 252 expansion joints for walk. Materials required are: 606 bbls. cement; 17 cu. yds. sand; 47 cu. yds. gravel; 50 cu. yds. gravel. Estimated price, \$7100.

separate bids, same date, to improve Wright Rd bet Florence Ave. and Patata St. 5490 ft. or 1.04 mi (R.L. No. 212), involve 1574 cu. yds. excav; 4518 sq. yds. shaping 4-ft. strip bed existing pavement and concrete curb; 43 cu. yd. concrete curb; one walkway and one catch basin. Materials f. o. b. job required are: 1340 lbs. cem., 563 tons sand, 842 tons gravel, 319 lbs. black-lead, 360 pcs. expansion joints, 5x9x14-in., 360 pcs. expansion joints, 3½-in. dia. galv. pipe, 1000 lb. galv. manhole cover, Est. cont. price, \$14,762.

cover, 850 cu. yds. price, \$14,165.
 Separate bids, same date, to improve
 Bay Ave. and Cret. bet. Bay Ave. and
 Ave. and Florence Ave., by grading
 paving with oil and screenings, conc.
 conc. walks and conc. curbs, about 24
 lin. ft., 56 mi. R. D. 1 No. 228, involving
 approx. 2182 cu. yds. excav., 11,909 sq.
 yds. shaping, 587 21in. ft. curbs, 23,332
 sq. ft. walks, 11,909 sq. yds. oil and
 screenings. Materials required are: 70
 bbls. conc., 296 tons sand, 433 tons
 gravel, 172 lbs. lamp black, 236 expansion
 joints, 177 tons screenings, 145 bbls.
 oil for surfacing. Est. cont. price, \$11,
 958.

SANTA BARBARA, Cal.—Until 5 p. m., Oct. 19, bids will be rec. by city council for const. 6-in. vit. pipe sewers in Alisos St., bet. De La Guerra St. and 400 ft. n. w.: 1911 Act.

Separate bids, same date, to const. 6 in. vit. pipe main san sewers in Salina St., bet. Clifton St. and Quinientos Sts. 1911 Act. Geo. B. Morrison, city engr.

MERCED. Merced Co., Cal.—City Trustees, W. W. Cornell, clerk, declare intention to improve under 1911 Act, and Bond Act of 1915:

21st St., bet. Q and R Sts., grading; paving with 4-in. asph. conc. with seal coat; conc. c. i. culverts with hyd. cem. conc. base.

13th St., from P to X St., from 13th to British Colony Road and British Colony Road from X St. to west city limits, incl. all intersections from P St., to west city limits by grading; paving 20-ft. wide with 4-in. asph. conc. with seal coat and wooden bulkheads; corr. iron culvert. -Protests Oct. 16. C. D. Martin, city eng.

WOODLAND, Yolo Co., Cal.—Until October 16, 10 A. M., bids will be received by H. R. Saunders, County Clerk, for graveling shoulders of the following highways:

(2)—From Mound Bridge to Knights Landing through District No. 787 to Eldorado Bend.

(3)—Prefix 1, Section A, from Brown's Corner through Esparto to Carruth's corner.

(4)—Prefix E, Section A, B, and C, from foot of the Southern Pacific bridge in Washington via Riverbank to Waldeck's House.

Separate bids, same date, for grading and macadamizing Prefix 7, Section A, extending from the Catholic Church on Boulevard Subdivision in West Sacramento along present traveled way to crest of River levee at Riverview. Certified check for 10% payable to the County of Yolo required. Asa G. Proctor, County Engineer.

TACOMA, Wn.—City Eng. J. C. Manley completes spec. for South Tacoma trunk sewer, est. cost \$950,000. Bids will be asked in about 30 days.

MERCED, Merced Co., Cal.—Eng. Floyd McSwain will prepare estimates of cost to const. light pavement in proposed road district running bet. Placena and LeGrand. Residents of district have petition for work.

CARSON CITY, Nevada.—King and Malone, Reno, Nevada at \$39,321 awarded contract by State Highway Commission to grade, const. culverts and place gravel surface on unit Eureka 1-A-1 West County line to Dunphy.

Richmondite Paving Co., Oroville, Cal., and Fred H. Luetjens, Reno (bidding jointly) at \$100,848 awarded contract to place asph macadam surface on unit Washoe 9-A, Reno to Purdy. Other bids: Harlowe Co., San Francisco, \$114,558; Blumenkranz and

Bids to grade, const. culverts and place Port. cem. conc. surface of Churchill 2-B City of Fallon, taken under advisement King and Malone Reno, bid \$26,915 and Alston and Hoggan, Salt Lake City, Utah, \$33,507.

DINUBEA, Tulare Co., Cal.—City Council, C. T. Reagan, clerk, declares intention to improve H St., bet. El Monte Way and Tulare St., by paving with Warrenite. Bit surface laid on hyd conc. base (Imp. Dist. No. 17). 1911 Ac and Bond Act 1915. Protests Oct. 25th C. E. Sloan, Santa Fe Bldg., San Francisco, eng.

SAN FRANCISCO.--Board of Public recommends to supervisors that City Eng. M. M. O'Shaughnessy be authorized to prepare specifications for grading Telegraph Hill; a part of the Telegraph Hill Boulevard project. Grading will cost \$30,000 and will be paid from the County Road Funds.

SAN FRANCISCO.—Until Oct. 11, bid will be rec. by Board of Public Work to const. sewer in Bradford St., bet Tompkins and Jarroe Aves., involving 398 lin. ft. 8-in. vit. pipe sewer; 32 8-in. Wye branches; 2 br. manholes and lamphole.

Separate bids, same date, to improv
Moultrie St., bet. Euegnia and Powhat
tan, involv. 112 lin. ft. conc. curb; 140
sq. ft. asph. conc. and 975 sq. ft. 6-in
conc. pavement; 134 sq. ft. art stone
walks; 3 hr. catchbasins; 60 lin. ft. 10
in. vit. pipe culvert. M. M. O'Shaugh
nessy, City Eng.

MODESTO, Stanislaus Co., Cal.—Standard Paving Co., 9th and N Sts., Modesto, awarded con. by city council for following work, bidding, \$675 sq. ft. for 1½-in. Warrenite resurfacing; cleaning surface of foundation incl. paint coat of asphalt and distillate, \$91 sq. ft. and repair gutters, \$20 sq. ft. 10th St., bet. L and K; 11th bet. K and J; 12th bet. K and L; and 12th bet. J and H Sts., involv. 108,081 sq. ft. repairs to pavement.

11 St., bet. 9th and 11th Sts., involv. 36,751 sq. ft. street repaving; 280 sq. ft. gutter repairs.

1 St., bet. 9th and 12th Sts., involv. 68,441 sq. ft. street repairs; 280 sq. ft. gutter repairs. G. H. Freitas, city eng.

SAN MATEO, San Mateo Co., Cal.—City Trustees, E. W. Foster, city clerk, declares intention to improve portions of Vancouver Ave., ditto Rd., Maple Ave., El Camino Real Rd., Woodside Ave., 12th St., and point Ave. west of Ter Way. Barliothel Ave. H St., Burlingame Ave., etc., by paving with Warrenite-Bit surface on hyd. cem. conc. base; hyd. conc. curbs; catchbasins; 4-in. vit. pipe drains; 4-in. vit. pipe sewer laterals, etc. 1911 Act. Protests Oct. 16. G. S. Whitehead, city eng.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares intention to imp. William St., between 12th St., and point Ave. west by grading; paving with 3-in. conc. base with 1½-in. Warrenite-Bit surface; conc. curbs, gutters and walks; 4-in. vit. catchbasin and 4-in. vit. pipe drains; 1911 Act and Bond No. 15. Protests Oct. 16. Wm. Popp, city eng.

FRESNO, Fresno Co., Cal.—City Council, E. St. George, clerk, declares intention to imp. Weldon Ave. bet. Maroa Ave. and east city limits by grading; conc. curbs, gutters and walks; curbs, metal curbs with culvert manholes; paving with 1½-in. asphalt conc. base with 1½-in. Warrenite surface, 1911 Act. Protests Oct. 19. Wm. Stranahan, city eng.

FULLERTON, Cal.—Voters approve plan to bond city for \$160,000 to provide street imp. Streets to be paved at once are West Commonwealth Ave., La Habra and the north city limits. East Chapman Ave.

MONTEREY PARK, Cal.—So. Cal. Electric Co., 625 S. Main St., Los Angeles, awarded con. by city council for \$18,544 to const. municipal water system. Olmsted & Gillette, Hollingsworth Bldg., Los Angeles, engrs. Cast iron pipe to be furnished by city.

SAN JOSE, Santa Clara Co., Cal.—Supervisors reject bid of Frank Bryant, 256 W. San Carlos St., San Jose, at \$28,125 to improve Bodfish Mill road in Supervisor Dist. No. 1 and work ordered done by day labor under supervision of county sur. Irving J. Ryder, whose est. was \$27,480.

SAN JOSE, Santa Clara Co., Cal.—Following bids taken under advisement by supervisors to improve Washington St. in Town of Santa Clara:

Hugh Crumey, 5-in. conc. \$17,773; 5-in. bitulithic, \$16,773.

Warren Const. Co., 5-in. conc., \$18,280; 5-in. bit., \$17,595.

J. C. Doyle, 5-in. conc., \$16,515. Est. of county sur. Irving J. Ryder for 5-in. conc., \$17,688; 5-in. bit., \$16,998; 6-in. oil macadam, \$12,147. Bids taken under advisement.

SAN JOSE, Santa Clara Co., Cal.—Until Nov. 6, 11 a. m., bids will be rec. by Henry A. Pister, county clerk, to improve old Gilroy road in city of Gilroy. Irving J. Ryder, county sur.

HEMET, Cal.—Until 7:30 p. m., Oct. 11, bids will be rec. by city trustees to improve Buena Vista St., Juanita St., Central, Acacia and other avenues and streets, involv. 409,700 sq. ft. 4-in. bitulithic, 19,000 cu. yds. of base paving, 8600 lin. ft. curb, 6600 sq. ft. 5-ft. cem. walks, 1911 Act. F. W. Steston, city engr. Date of opening bids previously noted as Oct. 10.

EVERETT, Wn.—J. W. Hoover Co., Everett, at \$60,695 awarded contract to pave Virginia St., with concrete.

OCEANSIDE, Cal.—Chamber of Commerce with endeavor to secure paving of the Amick grade east of the city. Proposed pavement would be of 5-in. Willite, 18 ft. wide.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completing plans for extension of Army St., sewer from its present termination at Kansas and Maria Sts., east to Isais creek channel; est. cost \$125,000. Will be of rein. conc. construction.

EAST SAN DIEGO, Cal.—Col. Ed. Flecher has secured an option on the East San Diego water system for \$31,000 which he proposes to turn over to the city, taking the bonds at par. The purchase price was voted some time ago.

FRESNO, Fresno Co., Cal.—Until Oct. 12, 3:00 p. m., bids will be rec. by E. Y. St. George, city clerk, to improve Thorne Ave., bet. Hedges and Belmont, involv. 138,890 sq. ft. grading; 115,900 sq. ft. asphalt paving; 1212 sq. ft. conc. curb; 242 lin. ft. conc. curb; 263 lin. ft. 12-in. and 56 lin. ft. 18-in. culvert; 66 lin. ft. vit. sewer pipe.

Separate bids same place to improve Mariosa St., bet. P and G Sts., involv. 25,208 sq. ft. grading; 24,032 sq. ft. asphalt paving; 1129 sq. ft. conc. gutter. Wm. Stranahan, city eng.

FRESNO, Fresno Co., Calif.—County Sur. Chris. P. Jensen preparing specification for 3.25 mi. of highway north of Clovis on the Auberry road. Bids will be asked shortly.

ST. HELENA, Napa Co., Cal.—City trustees will shortly engineer to prepare plans for septic tank; cost of construction to be met by taxpayers using sewer system.

MANTECA, San Joaquin Co., Cal.—W. F. Farley, engineer, Monadnock Bldg., San Francisco, conferring with city trustees regarding the construction of a sewage disposal system known as the multiple compartment tank and a filtering bed of crushed rock.

BAKERSFIELD, Kern Co., Cal.—City Eng. W. D. Clark instructed to prepare spec. to pave alley between 15th and 16th Sts., connecting I St., and Chester Ave.; will provide 3½-in. asphalt conc. base with 1½-in. Warrenite surface.

SAN FRANCISCO—Until Oct. 12, 10:30 a. m., bids will be rec. by Yuba Development Co., Hobart Bldg., to condition street dirt incl. clearing, excavation and backfill, involv. approx. 13,000 cu. yds. excavation near Bullards Bar, about 49 miles northeast of Marysville. Plans may be had from San Francisco office or from office of E. E. Check on site of work.

RICHMOND, Contra Costa Co., Cal.—Until Oct. 16, 8 p. m., bids will be rec. by A. G. Faris, city clerk, to improve portion of Gerald Blvd., fronting Municipal Wharf. Plans may be had from clerk. H. D. Chapman, city eng.

OAKLAND, Cal.—Until Oct. 11, 12 m., bids will be rec. by E. K. Sturges, city clerk, to place oil surface on Lake Merritt Blvd. Bond of \$200 required of successful bidder. W. W. Harmon, city eng.

STOCKTON, San Joaquin Co., Cal.—Following bids taken under advisement by supervisors for various road improvements:

E. J. Harrison road, grading and graveling; Cy Moreing, Commercial Savings Bldg., Stockton, \$21,130.

Peters road, grading and graveling; Cy Moreing, \$23,285.

Eight mi. Linden road, grading, gravel, crushed rock, dressing for oil concrete and pipes; Cy Moreing, \$26,598.50.

Jack Tone road, grading and graveling; C. O. Holden, Lodi, \$12,465; Cy Moreing, \$12,920.

Brack-Harshner road, grading, gravel, crushed rock, dressing for oil, asphalt and concrete; C. O. Holden, \$21,777.25.

Kettleman lane and Quimby avenue, grading, gravel, crushed rock, dressing

for oil, asphaltic oil and concrete; C. O. Holden, \$20,750.

Mount Diablo Avenue near Stockton, grading, crushed rock, dressing for oil and asphaltic oil; G. J. Gilbert, \$17,123; Cy Moreing, \$17,651.

Willow Glen road, grading, crushed rock and pipes; Cy Moreing, \$18,230.

Thomas Wall road, grading, gravel, crushed rock, dressing for oil and asphaltic oil; Cy Moreing, \$15,520.

No bids received for construction of Morrison road bridges and culverts. F. E. Quail, county surveyor.

HOLLISTER, San Benito Co., Cal.—Bids rec. by supervisors to improve Hollister and Gilroy road rejected and work will be done by county. Bids received follow: Granite Rock Co., Watsonville, (1) 2511 cu. yds. waste rock from Logan, Calif., \$8,145.52; (2) 5300 cu. yds. gravel and crushed rock from county gravel pit, no bid. W. I. McKee, woods, Hollister, (1) \$3,318.53; (2) \$12,879. W. E. and L. C. Karstedt, Watsonville, (1) 4,213.20; (2) \$8,824.50. W. A. Winn, county sur.

MARTINEZ, Contra Costa Co., Cal.—Karl S. Koller, Crockett, at \$815 awarded contract by supervisors to construct sidewalk along state highway in Crockett.

FRESNO, Fresno Co., Cal.—Preliminary steps were taken for the formation of Road Improvement District No. 3 when county supervisors instructed D. W. Chamberlain, engineer, to prepare specifications for improvements proposed. The district to be formed will construct streets, sidewalks and curbs in what is known as Sierra Vista Addition No. 1. Chris. P. Jensen, Cory Bldg., is county surveyor.

MARYSVILLE, Yuba Co., Cal.—Supervisors petition to repair road leading east one mile from Marysville-Oroville highway through sub-division No. 1 of the Scandinavian-American Colonies. Property owners will grade road without cost if county will furnish rock. Leslie B. Crook, county sur.

LOS ANGELES, Cal.—Wm. Liddington, 420 E 60th St., submitted low bid to board of public works to improve Raymond Ave. bet. 63rd St. and 120 ft. n. of 59th Pl., involv. 543 sq. ft. conc. paving at 25c ft.; 22,488 lin. ft. curb at 51c ft.; 151,420 sq. ft. walk at 17.5 ft.; 45,382 sq. ft. conc. gutter at 24c ft.

Geo. H. Oswald, 366 E. 58th St., submitted low bid to pave Foxwood Ave. bet. Western Ave. and Wilton, involv. 518,511 sq. ft. grading to finish sub-grade at 3.5c ft.; 275 sq. ft. conc. paving, including grading at 8c; 57,470 sq. ft. 5-in. bitulithic base paving at 20.5c ft.; 261,041 sq. ft. 4-in. base paving at 16.5c ft.; 362.7 lin. ft. curb at 60c ft.; 14,551 sq. ft. gutter at 25c ft.

LOS ANGELES, Cal.—J. G. Beckford, 718 San Fernando Building, awarded contract by supervisors at \$27,800 to grade and pave with macadam and contracting curbs and gutters in Allen Avenue between Pasadena city boundary and San Marino City Limits 2766 lin. ft. or .33 mi., (Rt. D. I. No. 204).

LOS ANGELES, Cal.—Warren Constr. Co., 926 California Bldg., Los Angeles, awarded con. by city council for gutter works, at \$11,627.12 to pave Atty Pl., bet. Gower and Vine Sts., involv. 35,451 sq. ft. grading at 4.5c ft.; 35,451 sq. ft. Warrenite-Bit paving at 26c ft.; 16 ft. curb at 45c ft.; 2508 sq. ft. conc. gutter at 32c ft.

SAN FRANCISCO—Board of Public Works roads contract awarded to City Construction Co., Call Bldg., at \$2429 to improve crossing of Munich and Persia Avenues, due to faulty description. New proceedings will be started. Contract incl. 50 cu. yds. cut, 83 lin. ft. conc. curbs; 3604 sq. ft. asphalt conc. pavement; 30 lin. ft. 12-in. sewer; 124 lin. ft. 10-in. culverts; 4 br. catchbasins; 554 sq. ft. art. stone walks.

PORTLAND, Ore.—Fred M. Randlett, ch. eng. City Water Bureau, recommends to Council that \$1,000,000 be appropriated for first year work on Bull Run Pipe Line No. 3.

BAKERSFIELD, Kern Co., Cal.—Until October 16, 7:30 p. m., bids will be received by W. R. Long, Secretary, Board of Education to grade and pave north half of 16th street, from M St. and M streets, and west half of M St. between 16th and Truxton avenue, and for concrete curbs and gutters in south side of Emerson school block from K to M streets, and East side of Block 23. Specification may be had from secretary.

LOS ANGELES, Cal.—City Eng. John A. Griffin has submitted estimates to Board of Public Works for construction of the first 3 units of the new \$12,000,000 sewage disposal system. The estimate of the net total cost of building the treatment plant, for sewerage, the one-mile extension of the sewer oceanward, and incidental items is \$1,450,350, made up as follows: \$910,740 for building east from Pacific ave. with concrete, protection one mile into sea and construction of new and removal of present pipes; \$133,400 for excavating site for treatment and screening plant; at \$150,000, \$204,000 for screening plant fully equipped, \$70,000 for incinerator and buildings; \$50,000 roads and miscellaneous structures; \$26,210 for construction, conduits for existing trunk sewer. The board of public works has ordered spec. for the first unit.

VENICE, Cal.—Braun, Bryant & Austin, 1680 10th St., Santa Monica, awarded contract by city trustees at \$17,751.53 to pave a portion of Washington Blvd. involving 50,000 sq. ft. 3-in. and 4.00 sq. yd. 2-in. white pavement, G. G. Wald, city engineer.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention to improve 76th Ave. from 12th to 14th St. by grading, conc. curbs, gutters and walks and paving with oil macadam. Protests Oct. 26. W. W. Harmon, city engineer.

GLENDALE, Cal.—Cox & Teget (H. A. Teget, 222 Harvard Pl., Ontario), awarded contract by city council at \$45,389.29 to construct, extend and install sewer laterals, involving: (1) 16,949 ft. 8-in. vit. pipe at \$4 ft.; (2) 6285 ft. 8-in. pipe at \$1.55 ft.; (3) 154 ft. 10-in. pipe at \$15.00 ft.; (4) manholes, \$80 each; (5) 14 flush tanks at \$150 each; (6) lampholes at \$30 each. Other bids were So. Cal. Elec. Co., \$49,892.60; P. L. Perry, \$52,256.80.

LOS ANGELES, Cal.—Fairchild-Gilmore-Wilton Co., L. A. Ry. Bldg., submitted low bid to Board of Public Works for paving 21th St. bet. Harriet St. and 265.2 ft. west, involving 43,538 sq. ft. grading at 4c ft., 43,238 sq. ft. conc. paving at 24c ft., 20,046 sq. ft. grading, filling and rolling at 6c ft., \$5260 san. sewer, comp.

SAN MATEO, San Mateo Co., Cal.—California Const. Co., 55 2nd St., San Francisco, at \$3312 awarded contract by trustees to pave street intersections in Hayward Park. Other bids: Raish Imp. Co., \$4355; Pacific States Const. Co., \$4013; Huch Crammey, \$4052; Warren Const. Co., \$4002.

FIVERSIDE, Cal.—Warren Constr. Co., 2779 Poplar St., Oakland, awarded contract by supervisors at \$164,687 to pave road and macadamize road in R. 1, D. No. 10, involving 607,966 sq. ft. asphalt, conc. pavement; 511,135 cu. yds. cem. conc. pavement and curb; 18 cu. yds. conc. headwalks; 32 cu. yds. rubble rock in boulder protection mats; 18,000 ft. galv. wire in boulder protection mats; 11,519 cu. yds. excav.; 26 cu. yds. and 12-in. vit. pipe culverts; timber trestle bridge 55 ft. long 6 castings for section corners; 2 wrought iron culverts. Other bids were: South-west Pac. Co., \$169,000; Oswald Bros., \$180,000.

COLUMBIA, Colusa Co., Cal.—City trustees start proceedings to improve 2 block in City of Merced, Bridge and 2nd and one block in 9th St. bet. Clay and Park; work to be done under Vrooman act.

COLUMBIA, Colusa Co., Cal.—L. Murrillo, Colusa at \$175 yd. submitted low bid to city trustees for furnishing gravel street work. Bids of Coast Rock and Gravel Co., Oroville, and DeWitt Bros., Sutter City, rejected.

MERCED, Merced Co., Cal.—Until Oct. 23, bids will be rec. by supervisors for improvements in Rd. Dist. No. 3. One section will connect the highway running south from Gustine with the road extending east from Volta. Two other sections will be connecting links north of Los Palos and on the extreme western edge of the county. G. E. Winton, county surv.

SANTA ANA, Cal.—R. R. Ford, 407 W. 17th St., Santa Ana, awarded contract by city trustees to pave Sixth St., involving 165,194.35 sq. ft. 5-in. conc. pav. at 13.5c ft., 435 ft. curb at 40c ft., 723 ft. house sewers at 45c ft., 425 ft. 6-in. main sewers at 60c ft., flushtank, \$390.

SANTA BARBARA, Cal.—Chas. T. Richardson, Santa Barbara, awarded contract by supervisors at \$16,885 to pave Patterson Ave., involving 6300 lin. ft. by grading and paving with screenings and oil, gutters, and curbs. C. W. Sparks bid \$10,663.35.

GLENDALE, Cal.—Peter L. Ferry, 614 E. Acacia St., awarded contract by council at \$10,873 to pave Pacific Ave. with macadam, involving 44,476 sq. ft.

REDONDO BEACH, Cal.—L. E. Garretson & Son, 2083 Hawthorne Ave., Los Angeles, awarded contract by city trustees at \$10,533.50 to pave Carnelian St. bet. Camino Real and North Helberta Ave. by grading and paving with screenings and oil, gutters, and curbs. C. W. Sparks bid \$10,663.35.

BRAWLEY, Cal.—Noble & Conner, Brawley, submitted low bid to city trustees to pave A St. bet. 8th St. and west city limits, and portions of other streets, involving 240,000 sq. ft. cem. conc. pavement, and 5000 cu. yds. curb. Bid was 23c sq. ft. for approx. one-third of job including grading, and 30.5c sq. ft. for balance of job, not including grading, curb at 70c. Other bids were Chas. G. Frisbie, Los Angeles, 35c paving, 66c curb, W. S. Beal, Brawley, 35.5c paving, including grading, 35.49c paving, not including grading, 67.5c curb.

LOS ANGELES, Cal.—J. G. Beckford, 718 San Fernando Bldg., awarded contract by supervisors at \$27,800 to grade and pave with macad. and constr. curbs and gutters in Allen Ave. bet. Pasadena city boundary and Santa Marino city limits, 2766 lin. ft. of 53 mi. (R. D. 1, No. 204), Chas. Frisbie Co. bid \$28,215. The work involves 3773 cu. yds. of 11.70c sq. yds. shaping roadbed; 2219 lin. ft. of 6.8c 18-in. x 18-in. 12-in. lin. ft. 6x18x18-in. conc. curbs; 9862 sq. ft. 6-in. conc. gutter; 6559 sq. ft. 5-in. conc. gutter; 7153 sq. yds. macad. paving; 202 cu. yds. top for storm sewer; 239 cu. yds. removing and replacing storm sewer at street intersection; 2 standard No. 1 catch basins with connecting inlets; 1 type A drop inlets; 1 type B drop inlet; culvert.

SAN FRANCISCO.—Until Oct. 31, 2 p. m., bids will be received by C. H. Sweetser, District Eng., U. S. Bureau of Public Works, 881 Market Bldg., to const. "Curtis Creek road" in R. 1, D. No. 10, involving 44.5 acres clearing and grubbing; 3000 cu. yds. rock excavation; 45,000 cu. yds. common excavation; 260 cu. yds. class B concrete (alternate for cement rubble masonry); 2500 lin. ft. corr. metal pipe; 5.4 M. B. M. trestle bridge; 1000 ft. in place; 10,000 lin. ft. furrow ditch. See call for bids under official proposal section in this issue.

PORTLAND, Ore.—Until Oct. 10, 10 a. m., bids will be rec. by C. H. Purcell, district engineer, Bureau of Public Roads, U. S. Dept. of Agriculture, 216 New Postoffice Bldg., Portland, to const. Patriots Creek-Adams Station (Grants Pass-Crescent City) Natl Forest Road in Jackson Natl Forest, Del Norte county, involving: 80 acres clearing; 35 acres grubbing; 380,000 cu. yds. unclass. excav.; 4800 lin. ft. culverts; 160 cu. yds. class A concrete; 1000 lin. steel; 33.5 stations grader work; 580 cu. yds. cement rubble masonry; 1500 cu. yds. hand placed embankment. See call under official proposal section in this issue.

LOS ANGELES, Cal.—Until 11 a. m., Oct. 30, bids will be rec. by supervisors to improve a portion of Pasadena Ave. bet. Anaheim-Telegraph road and the Los Angeles river in R. 1, D. No. 4, consisting of 18-in. concrete pavement 18 ft. wide, 6-in. thick; wooden trestle; corr. iron pipe culverts; 8485 lin. ft. or 1.61 miles, involving 9290 cu. yds. excav. and borrow, \$380 ft. shaping roadway, 193 ft. 13-in. corr. iron pipe, 83 ft. 24-in. reinf. conc. culv., placing wooden trestle at sta. 97+71.08 and sta. 10+23.92; placing 17,068 sq. yds. disint. granite pavement.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch clerk, declares intention to improve 2nd bet. San Fernando and San Antonio by removing basalt block gutters and conc. foundation to allow for placing of cem. gutters; removing old bitumen surface on line between 2nd and 3rd St. 12-in. ft. and old bitumen surface and portions of foundation to allow for 1 1/2-in. asphalt conc. surface. 1911 Act and Bond Act 1915. Protests Oct. 16. Wm. Popp, city engineer.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 15, 5 p. m., bids will be rec. by J. J. Lynch, city clerk, to improve 9th St. bet. Santa Clara and William, except crossings, by paving with 12-in. asphalt conc. surface on 3-in. asphalt conc. curb and gutters and 12-in. catchbasin; 8-in. vit. pipe manhole connections. Wm. Popp, city eng.

BERKELEY, Alameda Co., Cal.—Oakland Paving Co., 5000 Broadway, Oakland, awarded contract by council to construct comb. conc. curbs and gutters in portions of Bancroft Way and paving with bituminous conc.

NEWPORT BEACH, Cal.—California Constr. Co., Union Bldg., San Diego, awarded contract by city trustees to improve 622.92 to pave Central Ave. and other streets involving approx. 555 sq. ft. 5-in. conc. paving and 685,887 sq. ft. 4-in. conc. paving, curbs, etc. Paul E. Kressly, consulting eng., 701 W. W. Hellman Bldg., Los Angeles, Work under the 1915 Bond Imp. Act and 1911 Act.

PLACERVILLE, El Dorado Co., Cal.—County Surv. Henry Lahiff making surveys for road from El Tahoe to property of T. C. Cohn near Pominos.

BURBANK, Cal.—Until 7:30 p. m., Oct. 24, bids will be rec. by City Clerk F. S. Webster to improve Cypress Ave. bet. San Bernardino and Sunset Canyon Dd., otherwise known as 11th St. Work will consist of grading 60 ft. wide, paving with Willite asphalt, cem. pavement, constructing curbs, cement curb and 2-ft. gutter. 1911 Act.

LOS ANGELES, Cal.—Supervisors declare intention to const. 5-in. cem. conc. pavement, including grading, on Temple Ave. bet. Anaheim St. and north city boundary. This is res. No. 2 of city boundary improvement proceedings under 1911 Act. J. E. Rockhold, county surveyor.

BERKELEY, Alameda Co., Cal.—City Council, E. M. Hann, clerk, declares intention to improve portions of 10th St.; const. comb. conc. curbs and gutters; grading and paving with 6-in. asphalt, conc. 1911 Act. Protests Oct. 17. C. L. Higgins, city eng.

YUBA CITY, Sutter Co., Cal.—Bonnell, Savage and Fenn, Seattle, Wn., at \$8025 awarded cont. by supervisors to const. portion of Meridian-Kirkville road, from 1st and present conc. pavement in First St., Town of Merced, 756 ft. south of E St., and continuing south along county road for distance of 0.44 of a mile to be paved with rein. conc. 5-in. thick, 15-ft. wide, involving 3000 sq. yds. grading; 535 cu. yds. rein. conc. pavement.

FRESNO, Fresno Co., Cal.—Supervisors, B. M. Barnwell, county clerk, declares intention to const. comb. conc. walks and curbs in R. 1, D. No. 75, 1st Dist., Imp. No. 3. Work under 1st Dist. in Sierra Visca Addition, being Rd. Imp. Act 1907. D. W. Chamberlain, eng. and surveyor, and J. P. Jensen, Cory Bldg. county surveyor.

OLYMPIA, Wash.—Pioneer Sand and Gravel Co., Seattle, at \$110,021 awarded cont. by State Highway Comm. to fur. and place along Pacific Highway bet. Kalama and Toledo, Cowlitz county, sand and gravel.

MADERIA, Madera Co., Cal.—Frederickson and Shannon, Cory Bldg., Fresno, at \$42,500 submit only bid to trustees to const. sewage disposal plant. It was rejected. F. A. Nikirk, engineer, estimates cost at \$38,000. Plans will be revised to bring the cost within the amount available for construction.

LODI, San Joaquin Co., Cal.—Clyde F. Smith, consulting sanitary engineer, has submitted specifications to city trustees for proposed new septic tank; est. cost \$100,000. L. F. Barzibotti is city eng. of Lodi.

LOMPOC, Cal.—Southwest Paving Co., 415 Washington Bldg., Los Angeles, awarded cont. at \$150,861 to pave 28 blocks of streets involy. 699,758 sq. ft. grading at 2 1/4 sq. ft. pavement, 12-in. bitum. base with 1 1/2-in. sheet asphalt surface, at 1 in. ft.; 14,433 sq. ft. curb, at 1 in. ft.; 22 ft. 1680 sq. ft. conc. gutter, 6x18-in. at 22c ft.; 13,955 ft. curb at 55c ft.; corr. iron culverts, 8-in. and 12-in. \$5500 compl. LompoC, Santa Maria Other bids were: Oswald Bros., Los Angeles, \$149,337; Fairchild-Gilmore-Wilton Co., Los Angeles, \$161,105.

CALIFORNIA—H. H. Peterson, Loma Portal, Cal., at \$227,394 awarded cont. by State Highway Comm. for highway unit in Los Angeles and Orange counties, bet. Long Beach and Huntington Beach, 7.8 miles to be graded and 6.5 miles to be paved with port. cem. conc. Oct. 6, 1922. Engineer's estimate, \$216,808.

OLYMPIA, Wash.—Grant Smith Co., Railway Exchange Bldg., Portland, Ore., awarded cont. by State Highway Comm. to clear, grade and drain 20.51 miles of Inland Empire Highway bet. Kittitas and Selah in Yakima and Kittitas counties. K. L. Goulter & Co., Ilwaco, Wn., at \$324,135 awarded cont. to clear grade, drain and surface with gravel or crushed rock 12.21 miles of North Fork Klickitat bet. Underwood and Lyle in Klickitat county.

STOCKTON, San Joaquin Co., Cal.—Until Nov. 8, bids will be rec. by Eugene Graham, county clerk, to improve Locust Ave., in Rd. Imp. Dist. No. 4. F. E. Quail, county sury.

EUREKA, Humboldt Co., Cal.—Until Oct. 17, 5 p. m., bids will be rec. by A. Walter Kildale, city clerk, for 10,000 cu. yds. more or less, screened gravel. Harry H. Hannah, city engineer.

APPLICATIONS FILED WITH STATE WATER COMMISSION

SACRAMENTO.—Among recent applications filed with the State Department of Engineering, Division of Water Rights, H. A. Klugef, chief of the Division, are the following:

Application No. 3019 (Trinity Co.) W. D. Duke, care of F. H. Tibbets, Alaska Commercial Bldg., San Francisco, Cal., for 300 cu. ft. per second and 40,000 acre ft. per annum from Trinity River, for irrigation of 20,000 acres in Siskiyou Co.

Application No. 3020 (Trinity Co.) W. D. Duke, care of F. H. Tibbets, Alaska Commercial Bldg., San Francisco, Cal., for 300 cu. ft. per sec. and 40,000 acre ft. per annum from Trinity River, for power purposes. Proposes to develop 34,000 theoretical horsepower.

Application No. 3021 (Sacramento and Eldorado Counties), Joseph W. Gross, trustee for Consumes Irrigation Dist., Sacramento, Cal., for 100 cu. ft. per sec. and 20,000 acre ft. per annum from Consumes River, for irrigation of 5500 acres of cotton land along Consumes River bet. Bridge House and McConnell. Main Ditch 22 miles long. Est. cost, \$1,000,000.

Application No. 3025 (Alpine Co.), W. F. Dressler, H. W. Settlemeyer and F. Nedderric, care of Platt and Sanford, Attyrs., Carson City, Nevada, at \$1100,000, for 100 cu. ft. per annum from Hoback Lake, for irrigation of 1160 acres. Est. cost, \$25,000.

Application No. 3026 (Yuba County), Roy H. Elliott, 1213 Hobart Bldg., San Francisco, Cal., for 10,000 acre ft. per annum from North Yuba River, for power purposes. Proposes to develop 19,886 T. H. P. Dam to be 181 ft. high. Est. cost, \$1,500,000.

Application No. 3027 (Amador and Butte Counties), O. Scribner, 323 Holbrook Bldg., San Francisco, Cal., for 215 cu. ft. per sec. and 50,000 acre ft. per annum from Middle Fork and South Fork of South Fork of Cosummes River, for irrigation of 25,000 acres. Est. cost, \$600,000.

Application No. 3028 (Calaveras Co.), O. Scribner, 323 Holbrook Bldg., San Francisco, Cal., for 550 cu. ft. per sec. and 99,500 acre ft. per annum from Middle Fork of Mokelumne and North Fork Calaveras. Est. cost, \$1,000,000.

Application No. 3031 (Shasta Co.) W. L. Samson, Corning, Cal., for 2000 cu. ft. per sec. and 20,000 acre ft. per annum from Clear Creek, for power purposes. Proposes to develop 60,000 T. H.

Application No. 3037 (Lassen Co.), Wm. R. Nevins, trustee for proposed Irrig. Dist., Doyle, Cal., for 60,000 acre ft. per annum from Long Valley Creek, for irrigation of 15,000 acres.

Application No. 3040 (Butte County), Table Mt. and Thermalito Irrigation Districts, care of R. M. Gray, resident engr., Oroville, Cal., for 12,000 acre ft. per annum from Concor Creek or East Branch, for power purposes. Proposes to develop 4613 T. H. P. Est. cost, \$300,000.

Application No. 3051 (Los Angeles County), Malibu Lake Club, care of George I. Lamy, 2645 W 12th St., Los Angeles, Cal., for 25 cu. ft. per second and 1000 acre ft. per annum from Malibu River, for lake for fish, game and flood control and domestic supply in clubhouse and grounds. Proposes 45 foot dam. Est. cost, \$25,000.

Application No. 3060 (Shasta Co.) W. L. Samson, Corning, Cal., for 2000 cu. ft. per sec. and 200,000 acre ft. per annum from Clear Creek, to be diverted in NE 1/4 of SE 1/4 Sec. 31, T. 3 N., R. 5 E., W. 1/4 31st, for irrigation of 200,000 ac. 50 ft. masonry dam. Est. cost, \$200,000.

Permits Granted
Among recent permits granted by the Division of Water Rights, State Department of Engineering, are the following:

Permit No. 1110, (Sutter County). Issued to Sutter Mutual Water Company, for 240 cu. ft. per sec. from Sacramento River, for irrigation of 160 acres.

Permit No. 1111, (Sutter County). Sutter Mutual Water Company, Grafton, Cal., for 6.00 cu. ft. per sec. from Sacramento River, for irrigation of 480 acres.

Permit No. 1112, (Sutter County). Sutter Mutual Water Company, Grafton, Cal., for 5.5 cu. ft. per sec. from Sacramento River for irrigation of 440 acres.

Permit No. 1113 (Sutter County). Sutter Mutual Water Co., Grafton, Cal., for 2.5 cu. ft. per sec. from Sacramento River, for irrigation of 200 acres.

Permit No. 1114 (Siskiyou Co., Butte Valley Irrig. Dist., Macdoel, for 100 cu. ft. per sec. and 10,000 acre ft. per annum from Butte Creek and 150 cu. ft. per sec. and 10,000 acre ft. per annum from Adelphi Creek. Irrigation 31,627.5 acres inside and adjacent to Butte Valley Irrigation Dist.

Permit No. 1115 (Siskiyou Co.), Butte Valley Irrigation Dist., Macdoel, Cal., for 100 cu. ft. per sec. and 5000 acre ft. per annum from Bear Creek for irrigation of 51,627.5 acres within and adjacent to Butte Valley Irrigation Dist.

Permit No. 1116, (Siskiyou Co.) Butte Valley Irrigation Dist., Macdoel, Cal., for 10,000 acre ft. per annum from Butte Lake, for irrigation of 31,627.5 acres inside and adjacent to Butte Valley Irrigation Dist.

Permit No. 1117, Application No. 1769 (Sutter County). Sutter Mutual Water Co., Grafton, Cal., for 10 cu. ft. per sec. from Sacramento River, for irrigation of 200 acres.

Permit No. 1118, (Sutter Co.), Sutter Mutual Water Co., Grafton, Cal., for 3.13 cu. ft. per sec. from Sacramento River, for irrigation of 250.37 acres.

Permit No. 1119, (Sutter Co.), Sutter Mutual Water Co., Grafton, Cal., for 0.5 cu. ft. per sec. from Sacramento River, for irrigation.

Permit No. 1120, (Sutter Co.) Sutter Mutual Water Co., Grafton, Cal., for 100 cu. ft. per sec. from Sacramento River, for irrigation of 80 acres.

Permit No. 1122 (Santa Barbara Co.), Daniel J. Filippino, care of J. U. Armstrong, Atty., Bank of Santa Maria Bldg., Santa Maria, Cal., for 0.11 cu. ft. per sec. from a spring in Sec. 13, T. 11 N., R. 30 W. for irrigation of 118 ac.

Permit No. 1123 (Los Angeles Co.) County of Los Angeles, care of J. E. Rockbold, County Surveyor, 702 Hall of Records, Los Angeles, Cal., for 0.01 cu. ft. per sec. from a spring near source of Mesqui Creek, for domestic use, public camp site for 500 to 800 persons (Los Angeles County playgrounds) near point of diversion. Est. cost, \$12,200.

Permit No. 1125 (Siskiyou Co.) Bercher Morgan and Swan Hunter, care of Collier and Collier, Attyrs., Yreka, Cal., for 37.5 cu. ft. per sec. from Mack's Creek for mining purposes. Est. cost, \$2500.

Permit No. 1126 (Trinity Co.), S. M. Campbell and R. D. Howard, Big Bar, Trinity Co., Cal.—for 3.00 cu. ft. per sec. from Manzanita Creek, for irrigation.

Permit No. 1127 (Lassen Co.) Pierre Ducasie, Termo, Cal., 1922, for 0.50 cu. ft. per sec. and 50 acre ft. per annum from Chase Canyon, for irrigation of 50 acres.

Permit No. 1129 (Sutter Co.), Natamas Co. of California, Forum Bldg., Sacramento, Cal., for 120 cu. ft. per sec. from Sacramento River, for irrigation of 10,000 acres in Natamas Goodland and Bennett Subdivisions. Est. cost, \$300,000.

Permit No. 1130 (Shasta Co.) Happy Valley Irrigation Dist., care of Carr & Kennedy, Attyrs., Redding, Cal., for 75 cu. ft. per sec. from North Fork of Cottonwood Creek for irrigation of 18,110 acres in Happy Valley Irrigation Dist. Est. cost, \$187,000.

Permit No. 1131 (Kern Co.), Thomas O'Brien and Title Insurance and Trust Co., care of Edmonds and Aldrich, Attyrs., Bakersfield, Cal., and also Title Insurance Bldg., Los Angeles, Cal., for 10.34 cu. ft. per sec. and 400 acre ft. from Cuddy Creek in Cuddy Canyon, for irrigation of 882.7 acres.

Permit No. 1135 (Butte Co.), to Maude Crouch Moore, Chico, Cal., for 2 cu. ft. per sec. from Sacramento River, for irrigation of 700 acres. Est. cost, \$3000.

Permit No. 1136 (Sutter Co.) Knightsen Irrigation District, care of Albert Picard, Atty., 519 California St., San Francisco, Cal., for 125 cu. ft. per sec. from San Joaquin River, for irrigation of 10,000 acres in Knightsen Irrigation District. Est. cost, \$12,000.

Permit No. 1142, Application No. 2827 (Contra Costa Co.), issued to The Diablo Country Club, care of J. T. Whitteley, Claus Spreckels Bldg., San Francisco, Cal., for 120 acre ft. per annum from Green Valley creek for irrigation of 116 acres. Est. cost, \$1,000.

Permit No. 1144, Application No. 2226 (Siskiyou Co.) issued to L. L. Lichens et al, care of Taylor and Tebbe, Attyrs., Yreka, Cal., for 4.69 cu. ft. per sec. from Beaver Creek for irrigation of 375 ac. Est. cost, \$3000.

Permit No. 1145, Application No. 2540 (Placer Co.), issued to Auguste Laforge Nevenstein, care of J. E. Nevenstein, from Auburn Ravine, for irrigation of 29.75 acres. Est. cost \$1700.

Permit No. 1146, Application No. 2727 (Solano Co.), issued to Harry Nelson, Cal., for 30 cu. ft. per sec. from Suison Creek, for irrigation of 24 acres. Estimated cost, \$1900.

Permit No. 1147, Application No. 2524 (Calaveras Co.), issued to South San Joaquin Irrigation Dist., Manteca, Cal., for 36,000 acre ft. per annum from Stanislaus River, for irrigation of 71,000 acres within the boundaries of the South San Joaquin Irrigation District. Est. cost, \$500,000.

Permit No. 1149, Application No. 2150 (Butte Co.), issued to John H. Hughes, 405 Sharnock Bldg., San Francisco, Cal., for 28 cu. ft. per sec. from French Creek, for power purposes. Proposes to develop 2,863.3 T. H. P. Est. cost, \$150,000.

Permit No. 1150, Application No. 2826 (Trinity Co.), issued to Oxcil Immanuel Westerburg, Saylor Sal., for 0.41 cu. ft. per sec. from Koon Creek and Cabin Creek for irrigation of 33 acres. Est. cost, \$1500.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am't
3605	Reese	Owner	5000
3605	Martinielli	Prachia	7000
3606	Steinfeldt	Owner	2500
3607	Botsford	Arras	1200
3608	Blum	Owner	40000
3609	Christoffel	MacDonald	4500
3610	Faganini	Hardy	7000
3611	Holden	Terry	25000
3612	Pearlstein	Emanuel	2500
3613	Hughin	Owner	2700
3614	Wurlitzer	Flak	18000
3615	Jansen	Jansen	8500
3616	Anderson	Owner	4000
3617	Gould	Prout	35000
3618	Clementz	Diston	5265
3619	Madison	Vogt	29550
3620	Pasqualetti	Owner	25000
3621	Browe	Owner	3000
3622	Peoples	Wolfenden	15000
3623	Bergfeld	Owner	3000
3624	Wurlitzer	Fink	20000
3625	Murphy	Barrett	23955
3626	Murphy	McKeon	6037
3627	Murphy	Rex	1353
3628	Shell Co.	Owner	1400
3629	Anderson	Owner	8000
3630	Petersen	Owner	3500
3631	Gawthorne	Swift	6000
3632	Equitable Rty	Owner	1000
3633	Leustan	Owner	3000
3634	Morse	Owner	11000
3635	Lacey	Owner	6000
3636	Kariel	Owner	1600
3637	Allen	Owner	7000
3638	Levin	Owner	3000
3639	Barnes	Hardy	5000
3640	Pfeiffer	Hooper	10175
3641	Madden	Owner	3000
3642	Lang	Parker	5000
3643	Caro	Albertson	7500
3644	Magendee	Owner	25000
3645	La Torres	Owner	25000
3646	Meyer	Owner	18000
3647	Lewis	Schwarz	4300
3648	Vevea	Johnson	6500
3649	Lindeman	Owner	5000
3650	R C Archbisoap	Scott	5480
3651	Same	Crown	9000
3652	Same	Snook	6495
3653	Gay	Ramey	2350
3654	Putler	Klimm	1651
3655	Same	Quandt	550
3656	Same	Gibbs	641
3657	Hontales	Owner	3750
3658	Mesner	Lyon	4000
3659	Phelan	Owner	7500
3660	Meherin	Rose	1000
3661	Puccini	Owner	1000
3662	Cal. Curtain	Amer. Furn.	3000
3663	Dominican	McCabe	1000
3664	Buse	Coburn	1200
3665	Koster	Ludwig	11000
3666	Rousseau	Owner	20000
3667	Harwood	Walters	40000
3668	General	Cuneo	7000
3669	McKnight	Axdal	2500
3670	Fontanella	Owner	7000
3671	Watson	Reed	2000
3672	Magnuson	Owner	12000
3673	Madison	Vogt	26823
3674	Lennefelt	Marsden	4551
3675	Meyer	Spargo	65650
3676	Same	Gillly	1967

MF3. PLANT.

(2604) S ERYANT 25 W Morris. One-story concrete light manufacturing plant.

Owner—E. L. Reese, 332 Pine St., San Francisco.

Architect—N. W. Sexton, 1607 Chronicle Bldg., San Francisco. \$5930

DWELLING

(2605) N CHESTNUT 125 W Franklin. One-story and basement frame dwelling.

Owner—V. Martinielli, 3949 Webster St., San Francisco.

Architect—L. Mastropasqua, 580 Washington St., San Francisco.

Contractor—T. Prachia and C. Rosina, 36 Cunningham Place, S. F. \$7000

RESIDENCE

(2606) S FILBERT 40 W Pierce. One-story and basement frame residence.

Owner—L. A. Steinfeldt, 310 Sansome St., San Francisco.

Architect—N. W. Sexton, 1607 Chronicle Bldg., San Francisco. \$2500

GARAGE

(3607) NO. 807 FRANCISCO. One-story concrete private garage.

Owner—Dr. Mary Botsford, Premises.

Architect—None.

Contractor—Adam Arras Co., 185 Stevenson St., San Francisco. \$1200

APARTMENTS

(3108) W HYDE 60 S Sutter. Six-story and basement Class C concrete (23) apartments.

Owner—Louis Blum, 180 Jessie St., San Francisco.

Architect—C. O. Clausen, Hearst Bldg., San Francisco. \$40,000

DWELLING

(3609) W HURON AVE 105 N Sickle. One-story and basement frame dwelling.

Owner—Mrs. C. Christoffel, Colma, Cal.

Designer—R. MacDonald, Salada Beach, Calif.

Contractor—R. MacDonald, Salada Beach, Calif. \$4500

DWELLING

(2610) E LARKIN 124 S Union. One-story and basement frame dwelling.

Owner—A. Faganini, 841 Lombard St., San Francisco.

Architect—P. F. De Martini, 946 Broadway, San Francisco.

Contractor—A. M. Hardy, 518 24th Ave., San Francisco. \$7000

RESIDENCES

(3611) N MERCED AVE 100, 150, 200, 250 and 300 W Woodside Ave. Five one-story and basement frame residences.

Owner—St. George Holden, 308 Crocker-Plag, San Francisco.

Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.

Contractor—Wm. L. Torry, 1456 Willard St., San Francisco. \$5000 each

ALTERATIONS

(3612) NO. 311 POWELL. Change store front; erect mezzanine floor, new stairs, etc.

Owner—Chas. Pearlstein, 156 Powell St., San Francisco.

Architect—H. P. Vollmer, Flood Bldg., San Francisco.

Contractor—L. E. Emanuel, Inc., 1530 Filbert St., San Francisco. \$2500

DWELLING

(3613) N RICHLAND AVE. 400 Murray. One-story and basement frame dwelling.

Owner—Ben Haghin, 257 Richland Ave., San Francisco.

Architect—None. \$2700

ALTERATIONS

(2614) NO. 256 STOCKTON. Construct elevator shaft from sub-basement to 6th floor; rearrange partitions; glazing; sidewalk elevator repairs; electric work, painting, etc., for sales rooms.

Owner—The Rudolph Wurlitzer Co., Premises.

Architect—Vernon W. Houghton, 425 Kearny St., San Francisco.

Contractor—Fink & Schindler Co., 226 13th St., San Francisco. \$18,000

FRAME FLATS

(3615) E SEVENTEENTH AVE 175 N Balboa. Two-story and basement frame (2) flats.

Owner—Mrs. A. Jansen, 319 Frederick St., San Francisco.

Architect—Arthur T. Ehrenpfort, 373 Ruas Bldg., San Francisco.

Contractor—J. H. Jansen, 319 Frederick St., San Francisco. \$8500

DWELLING

(3616) W TWENTY-SECOND AVE 199 S Lincoln Way. Two-story and basement frame dwelling.

Owner—Anderson Bros., 1264 Noe St., San Francisco.

Architect—None. \$4000

APARTMENTS

(3617) E VAN NESS AVE 100 N Union. Three-story and basement frame (12) apartments.

Owner—W. C. Gould, Baker St., San Francisco.

Architect—None.

Contractor—J. Prout, 515 Magellan Ave., San Francisco. \$35,000

RESIDENCE

(3618) W SIXTH AVE 175 N Klukham N 25x120. All work for one-story and basement residence.

Owner—Valentine George and Ruth Irene Clementz, 2659 California St., San Francisco.

Architect—None.

Contractor—A. E. Disston, 1 Clement St., San Francisco.

Filed Sept. 29, '22. Dated Sept. 29, '22.

Rough frame up \$1315

Rough plaster on 1316

Completed and accepted 1316

Usual 35 days 1317

TOTAL COST, \$5265

Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

MEG. PLANT.

(3619) SE HARRISON bet. 7th and Langton. Three-story Class C light manufacturing plant.

Owner—James Madison, 112 Market St., San Francisco.

Architect—Nathaniel Blaisdell, 255 California St., San Francisco.

Contractor—Alfred H. Vogt, 185 Stevenson St., San Francisco. \$29,950

GARAGE

(3620) S O'FARRELL 137-6 E Steiner. Two-story reinforced concrete public garage.

Owner—Jos. Pasqualetti, 785 Market St., San Francisco.

Architect—None. \$25,000

DWELLING

(3621) E NINETENTH AVE 15 N Judah. One-story and basement frame dwelling.

Owner—S. E. Brown, 1434 6th Ave., San Francisco.

Architect—None. \$3000

FRAME FLATS

(3622) SW SECOND AVE AND CABRILLO. Two-story and basement frame (3) flats.
Owner—Amy People, 625 Frederick St., San Francisco.
Architect—None.
Contractor—Geo. Wolfenden, 827 Walter St., San Francisco. \$15,000

DWELLING

(3629) W TWENTY-FIFTH AVE 75 S Lincoln Way. One-story and basement frame dwelling.
Owner—E. Bergfeld, 1491 Guerrero St., San Francisco.
Architect—None.
Contractor—H. H. Bergfeld, 1491 Guerrero St., San Francisco. \$3000

ALTERATIONS

(3624) NO 256 STOCKTON ST. being E Stockton 25 S Post. All work for alterations.
Owner—The Rudolph Wurlitzer Co. of California.
Architect—Vernor W. Houghton, 425 Kearny St., San Francisco.
Contractor—Fink & Schindler Co., 224 13th St., San Francisco.
Filed Sept. 30, '22. Dated Sept. 20, '22.
On acceptance of work..... 75%
Usual 35 days..... 25%
TOTAL COST, \$20,000
Bond, \$10,000. Sureties, F. A. Stauffer and D. Canelo. Limit, 32 days after Oct. 2d. Forfeit, plans and specifications, none.

APARTMENTS

(3625) E POWELL 49-6 N Sacramento N 22nd E 56. All work except elevator, wiring, plumbing, painting, plaster, heating, wall beds, light fixtures and shades for five-story Class C concrete apartment building.
Owner—John T. and Adelaide Murphy, 1137 Hyde St., San Francisco.
Architect—Sylvain Schnaitacher, 233 Post St., San Francisco.
Contractor—Barrett & Hill, 918 Harrison St., San Francisco.
Filed Sept. 30, '22. Dated Sept. 21, '22.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$23,955
Bond, \$11,975. Sureties, Albert Lachman and J. T. Casey. Limit, 130 days. Forfeit, \$20. Plans and specifications filed.

(3626) PLUMBING AND HEATING ON ABOVE.

Contractor—F. I. McKeon, 233 Post St., San Francisco.
Filed Sept. 30, '22. Dated Sept. 21, '22.
Payments same as above.....
TOTAL COST, \$6037
Bond, \$3019. Sureties, Globe Indemnity Co. Limit, as fast as required. Forfeit, \$20. Plans and specifications filed.

(3627) ELECTRIC WORK ON ABOVE.

Contractor—Rex Elec. & Engineer Co., 274 Minna St., San Francisco.
Filed Sept. 30, '22. Dated Sept. 21, '22.
Payments same as above.....
TOTAL COST, \$1359
Bond, \$680. Surety, National Surety Co. Limit, as fast as required. Forfeit, \$20. Plans and specifications filed.

STATION

(3628) NE ARMY AND VALENCIA. One-story steel gasoline service station.
Owner—Snell Co. of California, 343 Sansome St., San Francisco.
Plans by Owner. \$1400

FLATS

(3629) E FIFTEENTH AVE 125 S Cabrillo. Two-story and basement frame (2) flats.
Owner—S. R. Anderson, 4002 22nd St., San Francisco.
Day's work. \$8000

DWELLING

(3630) NW ELEVENTH AVE. AND Kirkham. One-story and basement frame dwelling.
Owner—W. C. Petersen, 1570-A Eddy St., San Francisco.
Day's work. \$2560

FLATS

(3631) S GROVE 181 E Clayton. Two-story and basement frame (2) flats.
Owner—W. F. A. Gawthorne, 708 Pheasant Bldg., San Francisco.
Architect—None.
Contractor—J. W. Swift. \$6000

ALTERATIONS

(3632) SE PINE AND MONTGOMERY. Cut openings in brick wall and construct partition for offices.
Owner—Equitable Realty Co., Room 711, 110 Sutter St., San Francisco.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco. \$1000

ALTERATIONS

(3633) NO. 365 SACRAMENTO. General alterations and repairs to flats.
Owner—L. Loustau, 3654 Sacramento St., San Francisco.
Architect—Albert J. Fabre, 110 Sutter St., San Francisco. \$3000

APARTMENTS

(3634) SE SEVENTEENTH AVE 196-1 S California. Two-story and basement frame (4) apartments.
Owner—Cornelius Morse.
Architect—Klaus Adler, 495 22nd Ave., San Francisco.
Contractor—Klaus Adler, 493 22nd Ave., San Francisco. \$11,000

APARTMENTS

(3635) E STOCKTON 137-5 N Bush. Six-story and basement reinforced concrete (39) apartments.
Owner—E. V. Lacey, 180 Jessie St., San Francisco.
Architect—None. \$60,000

DWELLING

(3636) W THIRTY-SECOND AVE 225 S Taraval. One-story and basement frame dwelling.
Owner—Paul Kariel, 4520 California St., San Francisco.
Architect—None. \$1600

RESIDENCES

(3637) E TWENTY-NINTH AVE 121-6 152 and 182½ N Lake. Three two-story and basement frame residences.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco. \$7000 each

RESIDENCE

(3638) NO. 2310 WASHINGTON. Add two rooms and paint residence.
Owner—Julius Levin, Premises.
Architect—Edward E. Young, 251 Kearny St., San Francisco. \$3000

DWELLING

(3639) W TWENTY-FOURTH AVE 134-8 S Anza. One-story and basement frame dwelling.
Owner—James Barnes, 1147 Folsom St., San Francisco.
Architect—A. M. Hardy, 518 24th St., San Francisco.
Contractor—A. M. Hardy, 518 24th Ave., San Francisco. \$5000

FLATS

(3640) W BUCHANAN 65 N Hermann N 24-6xW 90. All work for two-story and basement frame flats.
Owner—Eugene and Pauline E. Pfaff, 45 Guerrero St., San Francisco.
Architect—Charles P. Strothoff, 2271 15th St., San Francisco.
Contractor—John M. Hooper, 33 Guerrero St., San Francisco.
Filed Oct. 2, '22. Dated Sept. 30, '22.
Frame up \$2543.75
Brown coated 2543.75

Completed and accepted..... 2543.75
Usual 35 days..... 2543.75
TOTAL COST, 5087.50

Bond, none. Limit, 30 days after Oct. 2, 1922. Forfeit, none. Plans and specifications filed.

DWELLING

(3641) W FLORA 125 S Bay View. One-story and basement frame dwelling.
Owner—Madden Hammersmith Development Co., 530 Pacific Bldg., San Francisco.
Architect—None. \$3000

RESIDENCE

(3642) W SAN FERNANDO WAY 75 S Monterey Blvd. Two-story and basement frame residence.
Owner—Lang Realty Co., 1st National Bank Bldg., San Francisco.
Architect—Harold G. Stoner, First National Bank Bldg., San Francisco.
Contractor—C. E. Parker, 15 Merced St., San Francisco. \$5000

FLATS

(3643) W TWENTY-FOURTH AVE 275 N Irving. Two-story and basement frame (2) flats.
Owner—Jennie and Celia Caro, 2765 Bush St., San Francisco.
Architect—None.
Contractor—E. Albertson, 1259 24th Ave., San Francisco. \$7500

FUNERAL DIRECTORY

(3644) N GOLDEN GATE AVE 137-6 W Fillmore. Two-story frame funeral directory.
Owner—Peter Magendle, 1335 Golden Gate Ave., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. \$25,000

APARTMENTS

(3645) S PINE 62-6 W Powell. Three story and basement frame (12) apartments.
Owner—Frank La Torres and F. A. Brockhage, 185 Stevenson St., S. F.
Architect—E. H. Denke, 1317 Hyde St., San Francisco. \$25,000

DWELLINGS

(3646) E THIRTY-NINTH AVE 175, 230, 235, 250, 275 and 300 N Anza. Six one-story and basement frame dwellings.
Owner—Meyer Bros., 5326 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$3000 each

FACTORY

(3647) W SIXTH 175 S Folsom. Two story concrete glove factory.
Owner—C. E. Lewis, 206 Sacramento St., San Francisco.
Architect—None.
Contractor—Chas. Schwarz, 1440-A Hyde St., San Francisco. \$4500

FRAME FLATS

(3648) S LAWNTON 90 E Twelfth Ave. Two-story and basement frame (2) flats.
Owner—Jennie J. Vevoda, 1618 12th Ave., San Francisco.
Architect—None.
Contractor—Joel Johnson, 1614 Church St., S. F. \$6500

BUNGALOW

(3649) E NINTH AVE 125 N Anza N 25x E 120. All work for one-story bungalow.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindenau, 530 Balboa St., San Francisco.
Filed Oct. 3, '22. Dated Sept. 21, '22.
Frame up and enclosed..... \$1250
Rough plastered 1250
Completed 1250
Usual 35 days..... 1250
TOTAL COST, \$5000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

HEATING

(3650) N FLEBERT 137-6 E Powell E.
137-6AN 166. Heating work for S.
S. Peter and Paul's Church.
Owner—The Roman Catholic Arch-
bishop of San Francisco, 1109
Franklin St., San Francisco.
Architect—Charles Fantoni, 550 Mont-
gomery St., San Francisco.
Contractor—Scott Co., 243 Minna St.,
San Francisco.

Filed Oct. 3, '22. Dated Sept. 29, '22.
On list of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$5480
Bond, \$2740. Sureties, H. M. Van Pelt
and Peter P. Scott. Limit, 152 days
Forfeit, none. Plans and specifications
filed.

(3651) ELECTRIC WORK ON ABOVE
Contractor—Crown Electric Co., 152
Eddy St., San Francisco.
Filed Oct. 3, '22. Dated Sept. 25, '22.
Payments same as above.....

TOTAL COST, \$9000
Bond, \$4500. Sureties, Nathan Star-
and T-day De Pass. Limit, 160 days.
Forfeit, none. Plans and specifications
filed.

(3652) PLUMBING ON ABOVE.

Contractor—Frederick W. Snook Co.,
596 Clay St., San Francisco.
Filed Oct. 3, '22. Dated Sept. 27, '22.
Payments same as above.....

TOTAL COST, \$6495
Bond, \$3248. Sureties, Everett T.
James and Jos. C. Standinger. Limit,
174 days. Forfeit, none. Plans and
specifications filed.

UNDERPIN BLDG.

(3653) NO. 5 ADELAIDE ST. All work
for underpinning bulding.
Owner—J. B. Gay, Premises.
Architect—August G. Headman, Call
Bldg., San Francisco.
Contractor—W. A. Ramey, 180 Jessie
St., San Francisco.

Filed Oct. 3, '22. Dated Oct. 2, '22.
Underpinning completed ready
for brick work..... \$850
Completed and accepted..... 900
Usual 35 days..... 600
TOTAL COST, \$2350
Bond, limit, forfeit, none. Plans and
specifications filed.

PLUMBING, ETC.

(3654) E DIVISADERO 68 S Union E.
165-175x8 54. Plumbing, etc., for
two-story and basement residence.
Owner—Margaret S. Butler, 225 Union
St., San Francisco.
Architect—August G. Headman, Call
Bldg., San Francisco.
Contractor—Frank J. Klimm, 221 Oak
St., San Francisco.

Filed Oct. 3, '22. Dated Sept. 15, '22.
Plumbing roughed in..... \$619.00
Completed and accepted..... 619.25
Usual 35 days..... 413.00
TOTAL COST, \$1651.25
Bond, \$826. Sureties, David Lyons &
Jeremiah Donagan. Limit, as soon as
possible. Forfeit, \$5. Plans and
specifications filed.

(3655) PAINTING, ETC., ON ABOVE.
Contractor—A. Quandt & Sons, 371
Guerrero St., San Francisco.

Filed Oct. 3, '22. Dated Sept. 15, '22.
3rd coat paint on..... \$340
Completed and accepted..... 40
Usual 35 days..... 240
TOTAL COST, \$950

Bond, \$475. Sureties, Wm. Myrtin and
J. S. Malloch. Limit, 18 days. Forfeit,
\$5. Plans and specifications filed.

(3656) HEATING SYSTEM ON ABOVE
Contractor—J. Gibbs Sons, 1708 Geary
St., San Francisco.

Filed Oct. 3, '22. Dated Sept. 15, '22.
Roughed in..... \$242
Completed and accepted..... 241
Usual 35 days..... 161
TOTAL COST, \$644

Bond, \$8———. Sureties, —— Limit,
30 days. Forfeit, \$5. Plans and spec-
ifications filed.

DWELLING

(3657) E FORTY-FIFTH AVE. 200 N
Anza. Two-story and basement
frame dwelling.
Owner—M. Hontales, 532 43rd Ave.
Architect—H. C. Baumann, 251 Kearny
St., S. F. \$3751

DWELLING

(3658) W FIFTEENTH AVE. 225 N
Geary. One-story and basement
frame dwelling.
Owner—Mrs. Ross Mesner.
Designer and Contractor—H. Lyon, 2273
Sutter St. \$4000

FLATS

(3659) E FUNSTON AVE. 100 N Anza.
Two-story and basement frame (2)
flats.
Owner—P. J. Phelan, 226 24th Ave.
Architect—A. H. Knoll, Hearst Bldg.
\$7500

DWELLING

(3660) N GREENWICH 75 W Mont-
gomery. One-story and basement
frame studio dwelling.
Owner—E. Meherin, 107 14th Ave.
Architect—Mark M. Meherin, Jr., 115
Front St.
Contractor—D. U. Ross. \$1000

ALTERATIONS

(3661) 1454 LOMBARD ST. Raise
dwelling; concrete floor and founda-
tion.
Owner—J. A. Puccini, 1454 Lombard St.
Architect—Plans by owner. \$1000

ALTERATIONS

(3662) S MARKET 64 W 4th Con-
struct new store front; erect mezz-
anine floor.
Owner—California Curtain Mills, 83
Third St.
Architect—Fred G. Monk, Jr., 58 Fran-
cisco St.
Contractor—American Furniture Mfg.
Co., 1703 Mission St. \$3000

ALTERATIONS

(3663) 1421 SUTTER STREET. Install
windows in basement; concrete
flairs and alter for tennis court for
residence.
Owner—Dominican Fathers, 2390 Bush
St., San Francisco.
Architect—None.
Contractor—D. C. McCabe, 309 Call
Bldg., San Francisco. \$1000

ALTERATIONS

(3664) 4052 TWENTY-SECOND ST.
Reshingle roof; papering; fluting,
etc. for residence.
Owner—Mrs. Busc, 4052 22nd St.
Architect—None.
Contractor—Chas. Cohorn, 180 Jessie
St., San Francisco. \$1200

FLATS

(3665) N CLAY 35 E Mason. Two-
story and basement frame (2) flats
Owner—M. Kester, 1096 Clay St. San
Francisco.
Architect—Theo. Lenzer, Humboldt
Bank Bldg., San Francisco.
Contractor—H. T. Ludwig, 626 Jessie
St., San Francisco. \$11,000

STORES

(3666) N STEVENSON 374 and 462 W
Severth. Two one-story and base-
ment reinforced concrete buildings,
(annex) for stores.
Owner—A. F. Rousseau, 110 Sutter St.,
San Francisco.
Architect—D. C. Coleman, 110 Sutter
St., San Francisco. \$10,000 each

APARTMENTS

(3667) NE OCTAVIA AND VALLEJO.
Three-story and basement fram-
(12) apartments.
Owner—Alfred J. Harwood.
Architect—G. A. Applegarth, 1800 Clay
Spruce Bldg., San Francisco.
Contractor—Walter & Grove, Monad-
nock Bldg., San Francisco. \$40,000

APARTMENT FLATS

(3668) SW MARKET AND DOUGLAS
All work for four apartment flats.
Owner—Schrador Estate Co.
Architect—A. Klahn (non-certified).
Contractor—Arthur H. Klahn, 1344 21st
Ave., San Francisco.
Filed Oct. 4, '22. Dated Sept. 29, '22.
Roof rafters up..... \$2290
Brown coated..... 2230
Flastering completed..... 2260
Completed..... 2235
Usual 35 days..... 2975
TOTAL COST, \$11,900

Bond, none. Limit, Feb. 5, 1923. For-
feit, none. Plans and specifications
filed.

FLATS

(3669) N GENEVA 150 E Mission
Two-story and basement frame (2)
flats and store.
Owner—Mrs. Alade Gennai, 25 Concord
St., San Francisco.
Designer—John P. Cuneo, 5079 Mission
St., San Francisco.
Contractor—John P. Cuneo, 5079 Mis-
sion St., San Francisco. \$7000

DWELLING

(3670) W MOULTRIE 200 S Crescent.
One-story and basement frame
dwelling.
Owner—W. R. McKnight, 848 Moultrie
St., San Francisco.
Designer—O. Axdal, — Howth St., S. F.
Contractor—O. Axdal, — Howth St.,
San Francisco. \$2500

SHOPS

(3671) S SHERIDAN 155 W Ninth
One-story concrete shops.
Owner—Louis Fontanella, 1682 Eddy
St., San Francisco.
Architect—Andrew H. Knoll, Hearst
Bldg., San Francisco. \$7000

DWELLING

(3672) E TWENTIETH AVE 125 S
Lake. One-story and basement
frame dwelling.
Owner—Gertrude Watson, 122 20th Av.,
San Francisco.
Architect—W. H. Reed, 132 20th Av.,
San Francisco.
Contractor—W. H. Reed, 132 20th Av.,
San Francisco. \$2000

FLATS

(3673) W TWENTY-FIFTH AVE 75
and 100 S Lake. Two two-story and
basement frame (2 in each) flats.
Owner—A. Magnuson, 221 Noe St., San
Francisco and A. Peterson, 662
Clayton St., San Francisco.
Architect—None. \$6000 each

CLASS C BLDG.

(3674) SE HARRISON 75 S W Langton
SE 137-6 SW 10. All work except
plumbing, wiring and painting for
two-story Class C building.
Owner—James Madison, 112 Market St.
San Francisco.
Architect—Nathaniel Blaisdell, 255
California St., San Francisco.
Contractor—Alfred H. Vogt, 185 Stev-
enson St., San Francisco.

Filed Oct. 5, '22. Dated Sept. 29, '22.
2nd story joists on..... \$6700
3rd story joists on..... 6700
Completed and accepted..... 6717
Usual 35 days.....

TOTAL COST, \$26,822
Bond, \$13,412. Sureties, Emil Hogberg
and H. W. Gactjen. Limit, 65 days.
Forfeit, \$20. Plans and specifications
filed.

REFERENCE

(7675) E. FORTY-THIRD AVE 175 S
Lincoln Way. All work for four-
room and basement frame residence
owner—Wm. & Alhuta Lemmelt, 1248
8th Ave., San Francisco.
Plans by Contractor.
Contractor—Jas. W. Marsden, 707 Col-
St., San Francisco.
Filed Oct. 5, '22. Dated Oct. 3, '22.
Roof on 1st story.....\$1300
Brown coated.....1075
Completed and accepted.....107.
Usual 35 days.....1100
TOTAL COST, \$4550
Bond, none. Limit, 90 days after Oct.
10, 1922. Forfeit, none. Plans and
specifications filed.

APARTMENTS

(3667) 452 AINE AND STOCKTON E.
57-68 S. 60. All work except ele-
vator, vacuum cleaning machine,
steam heating and oil tank, light-
ing fixtures window shades and
wall beds for four-story apartment
house.
Owner—Emma Meyer, 2926 California
St., San Francisco.
Architect—Herman Barth, Phelan Bldg.,
San Francisco.
Contractor—John Spargo, 240 Mont-
gomery St., San Francisco.
Filed Oct. 5, '22. Dated Oct. 5, '22.
1st story joists set.....\$8200.00
2nd story walls poured and 3rd
story joists set.....\$200.00
Roof & pent house sheathed \$200.00
Brown coated.....\$200.00
Carpeting work done and doors
hung.....\$200.00
Completed and accepted.....\$237.50
Usual 35 days.....16,112.50
TOTAL COST, \$5,656.00
Bond, \$32,825. Sureties, Chas. Monson
and John Hayden. Limit, 150 days.
Forfeit, \$10. Plans and specifications
filed.

(3667) STEAM HEATING AND HOT
water storage apparatus on above.
Contractor—Giley Schmidt Co., Inc.,
198 Otis St., San Francisco.
Filed Oct. 5, '22. Dated Oct. 3, '22.
Roughed in and accepted.....\$736
Completed and accepted.....491
Usual 35 days.....
TOTAL COST, \$1963
Bond, \$982. Sureties, Harry Mark and
W. Derbyshire. Limit, without delay.
Forfeit, \$5. Plans and specifications
filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Amount
Sept. 29, 1922—PUN LOT 21 BLK 22.
St. Francis Wood Extn No. 2.
Homes Loan Corp to whom it may
concern.....Sept. 28, 1922
Sept. 29, 1922—W TWELFTH AVE
156 S Geary. Haron Lewis to Mor-
row & Garren.....Sept. 28, 1922
Sept. 29, 1922—E TWENTIETH AVE
175 N Fulton 25x120. P C Ander-
son to whom it may concern.....
Sept. 26, 1922
Sept. 29, 1922—W TWENTY-SECOND
AVE 125 S Lincoln Way. Charles
and Christian Anderson to whom
it may concern.....
Sept. 29, 1922—W FAXON AVE 200 S
Holloway Ave S 25xW 112-6 Lot
39 Blk 22, Lakeview. The Mc-
Carthy Co to James Arnott & Son
.....Sept. 29, 1922
Sept. 29, 1922—S ALVARADO 275-2
W Douglas W 24-10X8 118. H J
and C Hansen to whom it may
concern.....Sept. 28, 1922
Sept. 29, 1922—E CLAYTON 50 S
Fulton S 25xE 106-3. Elizabeth
Farry to A M Hardy.....Sept. 19, 1922
Sept. 29, 1922—LOTS 24 AND 25
Blk 2888, Claremont Court. Geo.
Golden to J Penty.....Sept. 29, 1922
Sept. 30, 1922—E EIGHTEENTH AVE
235 N Judah. A M and J H M

Chapman to T L and T R Sharnan
.....Sept. 23, 1922
Sept. 30, 1922—NE GEARY & LEAV-
enworth E 68-9XN 31-8. Jos Cohen,
Jas Oppenheimer and J A Cony
to whom it may concern.....Sept. 27, '22
Sept. 30, 1922—N FIFTH 55 W Gough
W 27-6XN 120. Louis R Lurie to
L Vannucci Bros.....Sept. 30, 1922
Sept. 30, 1922—W TWENTIETH AVE
52-7 N Cabrillo 146-5 N Cabrillo
151-5 N Cabrillo, 166-5 N Cabrillo,
191-5 N Cabrillo 32-10x120, 25x120
respectively. Emil Nelson to whom
it may concern.....Sept. 30, 1922
Sept. 30, 1922—W PATTON 200 N
Highland Ave N 25xW 100 Lot 27
Blk 1, Holly Park. Patrick Horgan
to whom it may concern.....
.....Sept. 29, 1922
Sept. 30, 1922—W TWENTY-FOURTH
AVE 159-8 S Anza S 25xW 120. H O
Lindeman to W R Lindeman.....
.....Sept. 30, 1922
Oct. 2, 1922—SE GOLDEN COURT &
Sacramento E 22xS 87. J D War-
wick to whom it may concern.....
.....Sept. 28, 1922
Oct. 2, 1922—E THIRTY-FOURTH
AVE 250 S Anza 25x120. A W Wax-
mar to whom it may concern.....
.....Oct. 2, 1922
Oct. 2, 1922—SW THIRTIETH AVE
and Cabrillo 32-6x100. Karl H
Holmgren to whom it may con-
cern.....Oct. 2, 1922
Oct. 2, 1922—E TWENTY-SEVENTH
AVE 145 N Baiba E 120xN 20.
Maurice J and Clementine J Flynn
to whom it may concern.....Sept. 27, '22
Oct. 2, 1922—W DOLORES 27 N 26th
25x10. M L Perkins to Alice D
Perkins.....Sept. 30, 1922
Oct. 2, 1922—ELKBODED BY GEARY
Fifth Ave, Sixth Ave, and A St.
known as French Hospital. La
Societe Francaise de Benefaisance
Mutuelle to whom it may concern
.....Sept. 19, 1922
Oct. 2, 1922—LOTS E. C. H and J in
Blk 2252, Balboa Terrace. O M
Hueter to Bonton & Zwieg.....
.....Oct. 2, 1922
Oct. 2, 1922—E TWENTY-SIXTH AV
100 N Cabrillo N 25XE 120. Minnie
M Thompson to Meyer Bros.....
.....Sept. 29, 1922
Oct. 2, 1922—E TWENTY-SIXTH AV
125 N Cabrillo N 25XE 120. C P
Thompson to Meyer Bros.....
.....Sept. 29, 1922
Oct. 3, 1922—W TWENTY-FIFTH
AVE 225 N California N 25xW 120.
Herman C Gung to Meyer Bros.....
.....Sept. 29, 1922
Oct. 3, 1922—SW FARRAGUT 175 SE
Huron SE 50xSW 100. Joseph Ger-
manetto to A A Wesendunk.....
.....Sept. 29, 1922
Oct. 3, 1922—E SIXTEENTH AVE
129-4 N Clement 25x155. Strand
& Strand to whom it may concern
.....Oct. 3, 1922
Oct. 3, 1922—N GROVE 131-6 E
Clayton No. 1598 and 1600 E.
Chris H and Jessie M Miller to
whom it may concern.....Sept. 29, '22
Oct. 3, 1922—W STOCKTON 70 S
Greenwich 22x70. Raffaelo Cris-
toni to F C Amoroso.....Oct. 3, 1922
Oct. 2, 1922—S BALEOA 95 W Tenth
Ave W 25xS 100. Herbert H Sichel
to Emil Nelson.....Sept. 30, 1922
Oct. 4, 1922—N FRANCISCO 137-6 E
Gough E 37-6XN 157-6. Emanuel
Ragghianti to V Phillips.....Oct. 3, 1922
Oct. 4, 1922—N NEY 200 E Congdon
No. 225 Ney. Edgar P Burman to
whom it may concern.....Oct. 4, 1922
Oct. 4, 1922—SE MARKET 462 SW
Seventh SW 44xSE 165. A F
Rousseau to whom it may concern
.....Oct. 3, 1922
Oct. 1, 1922—SE MARKET 374 SW
7th SW 44xSE 165. A F Rousseau
to whom it may concern.....Oct. 3, 1922
Oct. 4, 1922—S GEARY 137-6 E Ma-
son W 106X8 137-6. The Curran
Theatre Co to A C Wocker, Palace

Hardware Co and Scott Co.....
.....Sept. 25, 1922
Oct. 4, 1922—S GEARY 137-6 E Ma-
son W 166X8 137-6. The Curran
Theatre Co to whom it may con-
cern.....Sept. 25, 1922
Oct. 4, 1922—SW GEARY AND
Seventeenth Ave W 82-6 E 25 E
82-6 N 25. H E Tackaberry to M
F Storchem.....Sept. 28, 1922
Oct. 5, 1922—E JONES 68-9 N
Jedden Gate Ave N 31-15xN 68-9.
Allo B Robbins and Ede J Osborne
to Adam Arras Co.....Oct. 5, 1922
Oct. 5, 1922—S GEARY 135-1 E 23rd
Ave E 26-8X8 160. Mary A and R
W Lander to Sundberg & Esmann
.....Oct. 5, 1922
Oct. 5, 1922—W EIGHTEENTH AVE
100 N Lake 25x120. John J Collins
to A J Falvey.....Oct.....1922
Oct. 5, 1922—NO. 1759 FILLMORE.
Samuel Blum and Ida Welisch to
S Steinhauser.....Oct. 27, 1922
Oct. 5, 1922—E POWELL 35 N Sac-
ramento. Tille Anderson to whom
it may concern.....Oct. 4, 1922
Oct. 5, 1922—COM. 100 N Holloway
Ave on E Ashton Ave S 50xN 100.
Edw W and Ada M Bender to Wil-
son & Person.....Oct. 5, 1922
Oct. 5, 1922—W ALLISON WAY 36-5
N Ulloa No. 17 Allison Way. Robt
J Neillau to whom it may concern
.....Sept. 25, 1922
Oct. 5, 1922—SE THIRD AVE AND
Anza. Daniel W and Mary E Bres-
lin to B W Donavias & Sons.....
.....Oct. 1, 1922
Oct. 5, 1922—E TWENTY-FOURTH
AVE 190 N Geary 25x120. Pedar
and Gustaf Johnson to whom it
may concern.....Oct. 5, 1922
(Correction in Date of Filing)
Oct. 1, 1922—COM. 100 N LAKE
on Twenty-second Ave E 120x25.
Laura Goodman to Richard J H
Ferber.....Sept. 28, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Sept. 29, 1922—W FRANKLIN 72-6 N
Vallejo N 27-6xW 110-4. Palace
Hardware Co vs George H Lydik-
sen and Maria Terantino.....\$35
Sept. 29, 1922—W TWENTY-FIFTH
AVE 275 N Cabrillo N 50 W 130 S
50 E 120. Knabenshuh & Morris-
son vs Frank B Scholz.....\$1345.60
Sept. 30, 1922—E FORTY-SIXTH AVE
57 S Geary. Levy Electric Co vs
Margaret McKenzie, First Doe and
Second Doe.....\$426.72
Oct. 2, 1922—NW DOLORES AND
Twenty-sixth N 27xW 70. Pope
& Talbot vs John Schroeder and
Jas Tarbitt.....\$1095.71
Oct. 2, 1922—W SIXTH AVE 100 S
Clement E 160xW 120. California
Painting & Decorating Co vs Cohen
& Farruthers.....\$710

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Oct. 3, 1922—E VALENCIA 275 N
Twentieth N 50xS 80. Globe Sheet
Metal Mfg Co, Inc to Paul Martz
Oct. 5, 1922—W SAN JOSE AVE 167-9
S 24th S 55-6xW 188. Ray City
Floor Co to Abraham and Fannie
A Albert.....
Oct. 5, 1922—W ASHLURY 28 N
Hayes N 50xW 106-2. Carl Frank
to J. W. Ellings and Westerly Con-
struction Co.....\$225.94

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Sept. 29, 1922—S MARKET 150 W
Seventh W 75xS 165. The Felton
Co as to improvements on prop-
erty

Oct. 3, 1922—N ELLIS 93-6 W Powell
17-6 S O'Farrell S 20x6 60, Robert
P Keating Estate Co as to improve-
ments on property.
Oct. 4, 1922—W SIXTH AVE 100 S
Clement S 100xW 120, Richmond
Theatre Co as to improvements on
property.
Oct. 5, 1922—NO. 109 TURK, Alex-
ander W Wilson, Alexander A Wil-
son and Rob Schurman, Trustees as
to improvements on property.
Oct. 5 1922—NO. 140 MASON, Holly
Hotel E Mason bet. Ellis and Eddy.
E A Davis as to improvements on
property.

ARCHITECT'S CERTIFICATE

SAN FRANCISCO COUNTY

Oct. 4, 1922—Bernard W. H. Scott has
filed his certificate of architecture
for San Francisco County.

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the
contracts for this issue.

No.	Owner	Contractor	Amt.
4229	Tutts	Malley	4000
4230	Malley	Malley	4000
4231	Malley	Malley	1000
4232	Harmon	Owner	6000
4233	Nelson	Keesler	2500
4234	Reld	Tolfsen	3000
4235	Snook	Maurice	5000
4236	Costa	Martin	1800
4237	Star	Alta	2359
4238	Tieslau	Owner	2000
4239	Nelson	Owner	5000
4238	Drayage	Culbertson	1550
4240	Sanford	Sanford	1700
4241	MacKintosh	Owner	7000
4242	Newman	Sommarstrom	8000
4243	Gladding	Gladding	4900
4244	Guhl	Flittner	3300
4245	Brown	Marshall	16641
4246	Remillard	Bruce	2350
4247	Regents U C	McGinty	32450
4248	MacGregor	Owner	2600
4249	Merquis	Owner	2750
4250	Latimer	Bachelor	5000
4251	Dunbar	Owner	3000
4252	Rapp	Wooley	4950
4253	Kellar	McPhee	13600
4254	Wickland	Monroe	5000
4255	MacGregor	Owner	14150
4256	Helfer	Houck	5100
4257	Spooremore	Owner	3250
4258	Norman	Houck	6000
4259	Cecile	Owner	1000
4260	Hand	Blabon	275
4261	Johnston	Owner	4200
4262	Thomas	Parker	4000
4263	Prescott	Owner	1500
4264	Peppione	Gallagher	1590
4265	Buyer	Pfrrang	550
4266	Francis	Owner	3000
4267	Warner	Owner	4000
4268	Rouse	Baird	4850
4269	Opitz	Opitz	2000
4270	Seminoff	Short	16000
4271	Keth	Cox	5150
4272	Whitehead	Curtis	2500
4273	Guhl	Flittner	3000
4274	Toot	Owner	1000
4275	Kaelin	Scott	7650
4276	Wisdom	Fox	2200
4277	Daly	Owner	1590
4278	Glibb	Owner	3000
4279	McAtee	Owner	2000
4280	Tiscornia	Nelson	6500
4281	Muther	Owner	4500
4282	Stenbro	Owner	3500
4283	Hediger	Baird	1850
4284	McCoria	Owner	2800
4285	Guyot	Owner	5000
4286	Walker	Johnson	1000
4287	Builer	Mattinson	3300
4288	Healy	Owner	3000
4289	Chubb	Owner	4000
4290	Williams	Owner	2500
4291	McCoria	Owner	2800
4292	Marshall	Marshall	4000
4293	McCormick	Healy	3450

4294	Jurgens	Schuler	2000
4295	Croll	Owner	3500
4296	Chevrolet	Owner	280000
4297	Blake	Blake	18000
4298	Thompson	Frstholtm	2750
4299	Oissor	Knight	12200
3300	Cecil	Strom	13000
4301	Nunan	Shaw	3000
4302	Eller	Hogan	4950
4304	Durkee	Castman	1000
4305	Larin	Owner	1500
4306	Stein	Jensen	3500
4307	Simonsen	Christiansen	1000
4308	Anderson	Taylor	1500
4309	Whalen	Owner	5000
4310	Anderson	Owner	5000
4312	Dowling	Owner	3000
4311	Howard	Calif	13000
4314	Amnden	Richmond	3000
4315	Snemmaker	Hogan	4950
4316	Boil	Hogan	4950
4317	Young	Greene	5000
4318	Boder	Moran	1737
4319	Rockingham	Ownt	4400
4320	Geisemer	Owens	4600
4321	Gerber	Fish	7000
4322	Renasceler	Goedrich	1000
4323	McCarthy	Cwner	4000
4324	Arakelion	Saake	1000
4325	MacKerrick	Owner	9000
4326	Karl	Owner	2500
4327	Egenberger	McDonald	12500
4328	Jackson	Abrahamson	5840
4329	Harris	Wise	160
4330	Clark	Owner	3000

SHOOT

DWELLING
(4228) N ALLSTON WAY 175 E West,
Berkeley. One-story 5-room dwlg.
Owner—Henry A. Tieslau, 1315 Allston
Way, Berkeley.
Architect—None. \$2000

DWELLING
(4229) W ATHOL AVE. Opp. Portland
Ave. One-story 6-room dwelling.
Owner—R. Tutts, 2947 West St., Okd.
Architect—None.
Contractor—H. Malley, 2947 West St.,
Oakland. \$4000

DWELLING
(4230) S BLVD. 500 E Lakeshore, Oak-
land. One-story 6-room dwelling.
Owner—F. T. Malley, 900 Lakeshore,
Oakland.
Architect—None.
Contractor—H. Malley, 2947 West St.,
Oakland. \$4000

ALTERATIONS
(4231) 300 GROVE ST., Oakland. Al-
terations.
Owner—F. T. Malley, 900 Lakeshore,
Oakland.
Architect—None.
Contractor—H. Malley, 2947 West St.,
Oakland. \$1000

DWELLING
(4232) N HOLLYWOOD 300 W Park
Blvd., Oakland. One-story 7-room
dwelling.
Owner—A. K. P. Harmon Jr., 2825 E-
14th St., Oakland.
Architect—None. \$6000

DWELLING
(4233) S E COR. HORTENSE and
Blenheim, Oakland. One-story 4-
room dwelling.
Owner—Mrs. Ida V Nelson, 901 Blen-
heim, Oakland.
Architect—None. \$2500
Contractor—W. Keesler.

DWELLING
(4234) W SEMINARY AVE 115 N Har-
mon, Oakland. One-story 4-room
dwelling.
Owner—C. L. Reed, 1700 Seminary Ave.
Oakland.
Architect—None.
Contractor—H. C. Tolfsen, 836 Mead
Ave., Oakland. \$2600

ALTERATIONS
(4235) N W COR. TWENTIETH AND
Telegraph, Oakland. Alterations.

Owner—Chas. E. Snook, Bank of Italy
Bldg., Oakland.
Architect—None.
Contractor—F. W. Maurice, 505 E-22nd
St., Oakland. \$5000

ALTERATIONS
(4236) 230 TWELFTH ST., Oakland.
Alterations.
Owner—J. T. Costa, 267 12th St., Okd.
Architect—None.
Contractor—J. H. Martin, 1418 Frank-
lin, Oakland. \$1800

ROOFING, ETC.
(4237) E E-FOURTEENTH ST 842 N
Stanley Road 210.83x1032.76, Okd.
Composition roofing and metal
flashing for 1-story warehouse and
1-story office.
Owner—Star Motor Co., Oakland.
Architect—None.
Contractor—T. Hemi & Alex Pape (Alta
Roofing Co.), 180 Jessie St., S. F.
Filed Sept. 29, 1922. Dated Sept. 25, 1922.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, \$2399
Bond, \$1200; Sureties, Fidelity & Depos-
it Co.; Forfeit, none; Limit, Nov. 2;
Plans and specifications filed.

DWELLING
(4238) N BARROWS ROAD 130 W
Crest Road, Oakland. One-story 6-
room dwelling.
Owner—Oscar E. Nelson, 2634 Highland
Ave., Oakland.
Architect—None. \$5000

SHED
(4239) SW FIFTH AND GROVE, Oak-
land. Shed.
Owner—Dravage Service Corp.
Architect—None.
Contractor—D. E. Culbertson, 2573
Grove St., Oakland. \$1500

DWELLING
(4240) W SEVENTY-NINTH AVE 455
S E-14th St., Oakland. One-story
four-room dwelling.
Owner—Carrie A. Sanford, Sebastopol.
Architect—None.
Contractor—L. H. Sanford, 1048 47th
St., Oakland. \$1700

STORES
(4241) SE PARK BLVD. AND E-34th
St. Oakland. One-story frame and
tile stores.
Owner—C. MacKintosh, 2124 Hopkins
St., Oakland.
Architect—None. \$7000

STORE AND LOFTS
(4242) E 25 100 Map Lincoln and
Webster Homestead, Oakland. All
work for two-story concrete store
and loft building.
Owner—A. Newman, Oakland.
Architect—None.
Contractor—Sommarstrom Bros. Co.,
306 14th St., Oakland.
Filed Sept. 30, '22. Dated Sept. 27, '22.
2nd floor reinforcements in 1/4
Concrete poured 1/4
Completed and accepted 1/4
Usual 35 days 3/4
TOTAL COST, \$3000

Bord, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

ROOFING
(4243) SE FRANKLIN 598 NE Four-
teenth, NE 5th SE 150 Oakland
Terra cotta roofing tile for two-
story concrete cafeteria.
Owner—Mrs. H. H. Crane, Jennie M.
Hammond, Mrs. S. G. Hammond, E.
F. Cuern (Colonial Cafeteria Co.)
Architect—A. Reinhold Denke, Dalziel
Bldg., Oakland.
Contractor—Gladding, McPean & Co.,
640 Jones St., Oakland.
Filed Sept. 30, '22. Dated Sept. 29, '22.
Completed and accepted \$3615
Usual 35 days \$325
TOTAL COST, \$4900
Bond, none. Limit, 103 days. Forfeit,
\$25. Plans and specifications filed.

DWELLING
(4244) NW 37½ LOT4 BLK 4 Map
Boulevard Park, Oakland. All
work for one-story 6-room dwlg.
Owner—Anna E. Guhl and Albert B.
Guhl, 2015 Fruitvale Ave., Okd.
Architect—None.
Contractor—Jos. Flittner, 1700 35th
Ave., Oakland.
Filed Sept. 30, '22. Dated Sept. 29, '22.
Frame up ¼
Brown coated ¼
Completed and accepted ¼
Usual 35 days ¼
TOTAL COST, \$3300
Bond, none. Limit, 60 days from Oct.
2. Forfeit, \$1. Plans and specifications
filed.

DWELLING
(4245) SE CAPERTON AVE AND S
Sheridan Ave E 161 E \$5.58 SW
159.81 NW 71.02 NE 109.23, Pied-
mont. All work for two-story and
basement frame dwelling.
Owner—Everett J. and Winifred O.
Brown, Bank of Italy Bldg., Okd.
Architect—Chas. W. McCall, Central
Bank Bldg., Oakland.
Contractor—A. F. Marshall, 1136 10th
Ave., Oakland.
Filed Sept. 29, '22. Dated Sept. 29, '22.
On 1st and 15th of each month 75%
Usual 35 days 25%
TOTAL COST, \$16,641.50
Bond, \$8520.75. Surety, Globe In-
demnity Co. Limit, Jan. 31. Forfeit, \$10.
Plans and specifications filed.

RESHINGLE
(4246) ONE AND ONE-HALF MILES
E Pleasanton. All work for re-
shingling.
Owner—Hemillard Brick Co., 569 3rd
St., Oakland.
Architect—None.
Contractor—C. A. Bruce & Sons, Second
St., Pleasanton.
Filed Sept. 30, '22. Dated Sept. 25, '22.
750 bunches laid \$1000.00
Completed 762.50
Usual 35 days 587.50
TOTAL COST, \$2350.00
Bond, none. Limit, 60 days. Forfeit,
plans and specifications, none.

MECHANICAL BLDG.
(2347) UNIVERSITY OF CALIFORNIA
Berkeley. All work for mechan-
ical building.
Owner—Regents of University of Cal-
ifornia, Berkeley.
Architect—John Galen Howard, 1st Na-
tional Bank Bldg., San Francisco.
Contractor—W. G. McGinty & Sons,
1568 Franklin St., Oakland.
Filed Sept. 30, '22. Dated Aug. 14, '22.
On 10th of each month 75%
Usual 35 days 25%
TOTAL COST, \$32,450
Bond, \$16,250. Sureties, E. M. Tilden
and H. C. Brown. Limit, 120 days.
Forfeit, \$50. Plans and specifications
filed.

DWELLING
(4248) NO. 3112 ACTON ST., Berkeley.
One-story 6-room dwelling.
Owner—C. M. MacGregor, 470 13th St.,
Oakland.
Architect—None. \$2600

DWELLING
(4249) NO. 1915 CALIFORNIA ST.,
Berkeley. One-story 5-room dwlg.
Owner—F. E. Marquis, 1023 Oxford St.,
Berkeley.
Architect—None. \$2750

DWELLING
(4250) NO. 1024 EUCLID AVE., Ber-
keley. Two-story 5-room dwelling.
Owner—W. N. Latimer.
Architect—None.
Contractor—M. A. Bachelder, 1538 Car-
lton St., Berkeley. \$5000

DWELLING
(4251) NO. 1636 JAYNES ST., Berkeley
One-story 5-room dwelling.

Owner—J. S. Dunbar, 2224 Browning
St., Berkeley.
Architect—None. \$3000

DWELLING
(4252) NO. 1936 NAPA, Berkeley. One-
story 6-room dwelling.
Owner—Stanley Rapp, — Carlton St.,
Berkeley.
Architect—None.
Contractor—B. F. Woolley, 707 Adams
St., Berkeley. \$4950

DWELLING
(4253) NO. 2961 RUSSELL ST., Berke-
ley. Two-story 3-room dwelling.
Owner—Sara Kellar.
Architect—James W. Plachek, 2014
Shattuck Ave., Berkeley.
Contractor—A. J. McPhee, 2141 E-27th
St., Oakland. \$12,600

DWELLING
(4254) NO. 1112 SHATTUCK AVE.
Berkeley. One-story 5-room dwlg.
Owner—G. W. Wickland, San Francisco.
Architect—None.
Contractor—J. W. Monroe, 5528 Clare-
mont Ave., Oakland. \$5000

DWELLINGS
(4255) NO. 1332, 1334, 1338, 1341 and
1343 Sixty-seventh St., Berkeley.
Five one-story 6-room dwellings.
Owner—C. M. MacGregor, 470 13th St.,
Oakland.
Architect—None. \$2750, \$2750, \$2750,
3000 and 2900 respectively.

DWELLING
(4256) S BARBARA ROAD 226 N Ex-
celsior, Oakland. One-story six-
room dwelling.
Owner—H. T. Helfer, 1412 McGee St.,
Oakland.
Architect—None.
Contractor—H. L. Hoack, 1609 Dolores
Ave., Oakland. \$5100

DWELLING
(4257) N BOND 110 W Vicksburg,
Oakland. One-story 5-room dwlg.
Owner—J. E. Sporemore, 3824 Sutter
St., Oakland.
Architect—None. \$2250

DWELLING
(4258) S BARBARA ROAD 177 N Ex-
celsior, Oakland. One-story 7-room
dwelling.
Owner—Albert E. Norman, 706 Brock-
hurst St., Oakland.
Architect—None.
Contractor—H. L. Heuck, 4609 Dolores
Ave., Oakland. \$6000

DWELLING
(4259) W EIGHTY-SIXTH AVE 175 S
E-14th St., Oakland. One-story 4-
room dwelling.
Owner—G. F. Cecile, 1716 15th Ave.,
Oakland.
Architect—None. \$1000

DWELLING
(4260) E SIXTY-FOURTH AVE 425 N
Flora, Oakland. One-story 5-room
dwelling.
Owner—Owen Hand, 568 13th St., Okd
Architect—None.
Contractor—E. R. Blabon, 2482 63rd
Ave., Oakland. \$2750

DWELLING
(4261) NE FOOTHILL BLVD. ANI
Congress, Oakland. One-story 5-
room dwelling.
Owner—Mrs. E. Johnston, Menlo Hotel
Oakland.
Architect—None. \$4200

DWELLING
(4262) N FAIRMONT 200 E Rio Vista
Oakland. One-story 5-room dwlg.
Owner—Chas. Thomas, 1310 Broad-
way, Oakland.
Architect—None.
Contractor—Jos. Parker, 94 E-14th
St., Oakland. \$4000

DWELLING
(4263) N HOPKINS 100 E McGee.
Oakland. One-story 4-room dwlg.
Owner—Chas. J. Prescott, 5636 San
Pablo Ave., Oakland.
Architect—None. \$1500

ALTERATIONS
(4264) NO. 168 MATHER ST., Oak-
land. Alterations and additions.
Owner—L. Pepplonie.
Architect—None.
Contractor—J. B. Gallagher, 1010 66th
St., Oakland. \$1500

DWELLING
(4265) E MONTCLAIR 180 S Cleveland
Oakland. One and one-half-story
6-room dwelling.
Owner—J. Payer.
Architect—None.
Contractor—C. J. Pfrang, 480 Forest
St., Oakland. \$5500

DWELLING
(4266) NW NINETY-EIGHTH AVE &
Cherry, Oakland. One-story 5-
room dwelling and store.
Owner—E. O. Francis, 3940 E-14th St.,
Oakland.
Architect—None. \$3000

DWELLING
(4267) E THIRTY-FOURTH AVE 425
N Foothill Blvd., Oakland. One-
story 5-room dwelling.
Owner—S. A. Warner, 850 Cleveland
St., Oakland.
Architect—None. \$4000

DWELLING
(4268) S ALMA AVE 250 E Excelsior.
Oakland. One-story 6-room dwlg.
Owner—W. H. Rouse, 3654 Emerson
St., Oakland.
Architect—None.
Contractor—L. M. Baird, 1450 Alice St.,
Oakland. \$4850

DWELLING
(4269) E BARTLETT 150 N Davis,
Oakland. One-story 4-room dwlg.
Owner—Mrs. E. Opitz, 3558 Galinde St.,
Oakland.
Architect—None.
Contractor—G. Opitz. \$2000

APARTMENTS
(4270) N CHENEY 200 E Walker St.,
Oakland. Two-story 16-room apts.
Owner—Pauline Zina Seminofo.
Architect—Schirmer Eugene, Thayer
Bldg., Oakland.
Contractor—C. W. Short, 574 Rosal
Ave., Oakland. \$16,000

DWELLING
(4271) S EXCELSIOR bet. Haddon Rd.
and Beacon, Oakland. One-story 6-
room dwelling.
Owner—Wm. C. and Lucile M. Keith,
415 Baker St., San Francisco.
Architect—None.
Contractor—Cox Bros., 2212 Broad-
way, Oakland. \$5150

DWELLING
(4272) N FOOTHILL BLVD 150 E 82nd
Ave., Oakland. One-story 4-room
dwelling.
Owner—May E. Whitehead.
Architect—None.
Contractor—C. A. Curtis, 7220 Foothill
Blvd., Oakland. \$2500

DWELLING
(4273) S SAN JUAN ST. 60 S 40th Ave.
Oakland. One-story 6-room dwlg.
Owner—Annie B. Guhl, 2015 Fruitvale
Ave., Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Ave
Oakland. \$3000

DWELLING
(4274) W THIRTY-EIGHTH AVE. 250
S Carrington, Oakland. One-story
1-room dwelling.
Owner—J. B. Tont, 1937 E 23rd St. Okd.
Architect—None. \$1000

STORES

(4275) W PARK ST. 58-8 S Encinal Ave., S 41-4 W 100-7, Alameda. One-story frame stores.
Owner—J. R. Kaellin, 1933 5th Ave. Okd.
Architect—A. W. Smith, 1010 Bdwy., Oakland.
Contractor—G. A. Scott, 685 23rd St., Oakland.
Filed Oct. 2, 1922. Dated Sept. 29, 1922.
Frame up \$1000
Brown coated 1500
Completed and accepted 2000
Usual 35 days 3000
TOTAL COST, \$7650
Bond, \$7650; Sureties, C. M. MacGregor and H. P. Scott; Forfeit, \$3; Limit, Dec. 20; Plans and specifications filed.

DWELLING

(4276) NO. 1763 HEARST AVE., Berkeley. One-story 5-room dwelling.
Owner—W. D. Wisdom, 1349 Hearst Ave., Berkeley.
Architect—None.
Contractor—Fox Bros., 1349 Hearst Ave., Berkeley. \$2249

DWELLING

(4277) NO. 1537 OREGON ST., Berkeley. One-story 4-room dwelling.
Owner—D. J. Daly, Premises.
Architect—None. \$1500

DWELLING

(4278) NO. 78 SHASTA ST., Berkeley. Two-story 5-room dwelling.
Owner—A. S. Gibb, 1331 Tamalpais St., Berkeley.
Architect—None. \$3000

DWELLING

(4279) NO. 2428 SAN RAFAEL ST., Berkeley. One-story 3-room dwlg.
Owner—W. J. McAtee.
Architect—None. \$2000

DWELLING

(4280) W BROOKDALE ROAD 310 S Trestle Glen, Oakland. One-story 6-room dwelling.
Owner—G. Tiscione, 537 52nd St., Oakland.
Architect—None.
Contractor—C. E. Nelson, 2634 Highland Ave., Oakland. \$6500

DWELLING

(4281) S ANNERLY ROAD 365 W Spring Ave., Oakland. One-story 6-room dwelling.
Owner—G. W. Mather, 247 1st St., Oakland.
Architect—None. \$4500

DWELLING

(4282) E DIVISION 155 S Everett, Oakland. One-story 6-room dwlg.
Owner—A. Steinhilber, 3342 Laguna Ave., Oakland.
Architect—None. \$3500

ADDITION

(4283) S EXCELSIOR 60 E Park Blvd., Oakland. Addition.
Owner—A. S. Hediger, 543 Crofton Ave., Oakland.
Architect—None.
Contractor—L. M. Baird, Como Apts., Oakland. \$1850

DWELLING

(4284) S FORTUNE WAY 60 E Seminary Ave., Oakland. One-story 4-room dwelling.
Owner—T. J. McCora.
Architect—None. \$2800

DWELLING

(4285) N LEPIDA opp. Poloma, Oakland. One-story 6-room dwelling.
Owner—Victor Guyot, 3535 Meadow St., Oakland.
Architect—None. \$5000

DWELLING

(4286) E LOMA VISTA 225 S California, Oakland. One-story 3-room dwelling.
Owner—Mrs. A. W. Walker, 3756 Loma Vista Ave., Oakland.

Architect—None.

Contractor—Ivan Johnson, 3118 55th Ave., Oakland. \$1000

DWELLING

(4287) NW NICOL AND CHAMPION, Oakland. One-story 5-room dwlg.
Owner—J. F. Butler.
Architect—None.
Contractor—E. T. Mattison, 3629 Laguna Ave., Oakland. \$3300

DWELLING

(4288) E RANSOME AVE 75 S Lyon, Oakland. One-story 5-room dwlg.
Owner—P. J. Healy, 39 Nace Ave., Piedmont.
Architect—None. \$3800

DWELLING

(4289) S SANTA RAY AVE 500 E Calmar, Oakland. One-story six-room dwelling.
Owner—Jas. B. Chubb, 530 Hobart St., Oakland.
Architect—None. \$4000

DWELLING

(4290) NE SEVENTY-THIRD AVE & Spencer, Oakland. One-story five-room dwelling.
Owner—Geo. A. Williams.
Architect—None. \$2500

DWELLING

(4291) SE SEMINARY AND FORTUNE Way, Oakland. One-story 4-room dwelling.
Owner—T. J. McCora, 4741 E-14th St., Oakland.
Architect—None. \$2800

DWELLING

(4292) E SIXTIETH AVE 160 S Foot-hill Blvd., Oakland. One-story 5-room dwelling.
Owner—M. Marshall.
Architect—None.
Contractor—Marshall & Eurus, Bacon Bldg., Oakland. \$4000

DWELLING

(4293) E SAN SEBASTIAN 150 N El Centro, Oakland. One-story five-room dwelling.
Owner—Jas. McCormick, 1824 9th Ave., Oakland.
Architect—None.
Contractor—P. J. Healy. \$3450

ALTERATIONS

(4294) S THIRTIETH 100 W Franklin, Oakland. Alterations.
Owner—Chas. Jurgens Co.
Architect—None.
Contractor—Schuler & McDonald, 308 12th St., Oakland. \$2000

DWELLING

(4295) W SIXTY-NINTH AVE 200 S Weld, Oakland. One-story 6-room dwelling.
Owner—W. A. Croll, 1905 69th Ave., Oakland.
Architect—None. \$3500

FACTORY

(4296) SEVENTY-SECOND AVE., GARfield and Hillsdale Sts., Oakland. Two-story brick and concrete auto factory.
Owner—Chevrolet Motor Co.
Architect—None. \$280,000

APARTMENTS

(4297) N WAYNE 300 W Stowe, Oakland. Two-story 19-room apartments.
Owner—E. M. Blake, 538 24th St., Oakland.
Architect—None.
Contractor—L. W. Blake, 538 24th St., Oakland. \$18,000

STUDIO

(4298) NO. 2808 COLLEGE AVE., Berkeley. All work for frame studio.
Owner—Miss Harriet R. Thompson, Premises.
Architect—Charles K. Sumner, Louis

Schalk, Associated, 57 Post St., San Francisco.

Contractor—H. M. Froholm, 877 Lake Shore Ave., Berkeley.
Filed Oct. 3, '22. Dated Aug. 31, '22.
Frame up 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4

Bond, limit, forfeit, none. Plans only filed.

APARTMENTS, ETC.

(4299) S WEBSTER 120 E College Ave Berkeley. All work for two-story 16-room apartments and 3 garages.
Owner—John Olsson, Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed Oct. 3, '22. Dated Sept. 8, '22.
Rafters in place 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4

Bond, none. Limit, 75 days after mud sills laid. Forfeit, none. Plans and specifications filed.

APARTMENTS

(4300) NO. 2739-41 FULTON ST., Berkeley. Two-story 12-room apartments.
Owner—Mrs. Essie Cecil, 2735 Fulton St., Berkeley.
Architect—None.
Contractor—W. H. Strom, 2800 Fulton St., Berkeley. \$13,000

DWELLING

(4301) E BROADWAY 1000 N 55th, Oakland. One-story 4-room dwelling.
Owner—J. Nunan, 348 Glendale St., Oakland.
Architect—None.
Contractor—Shaw & Watson, 1711 Wil-low St., Alameda. \$3000

DWELLING

(4302) E FORTY-SECOND AVE 300 S Santa Rita, Oakland. One-story 5-room dwelling.
Owner—L. M. Biller, Hotel Terminal, Oakland.
Architect—None.
Contractor—Jas. M. Hogan. \$4950

DWELLING

(4303) E FIFTH AVE 100 N E-19th St., Oakland. One-story 5-room dwelling.
Owner—J. P. Whalen, Federal Bldg., Oakland.
Architect—None. \$3800

ALTERATIONS

(4304) NO. 566 FIFTY-FIFTH ST., Oakland. Alterations.
Owner—Adelaide Durkee.
Architect—None.
Contractor—H. H. Gastman, 1263 Euclid Ave., Berkeley. \$1000

SHED

(4305) S HOPKINS 302 E 38th Ave., Oakland. One-story wood and coal shed.
Owner—W. Larin, 3915 39th Ave., Okd.
Architect—None. \$1500

DWELLING

(4296) W KINGSLEY AVE 120 N Hopkins, Oakland. One-story five-room dwelling.
Owner—J. M. Steine, 835 Market St., Oakland.
Architect—None.
Contractor—Jensen & Pedersen, 341, Adeline St., Oakland. \$3500

ADDITION

(4307) NO. 5600 LAGUNA AVE., Oakland. Addition.
Owner—S. Simonson, Premises.
Architect—None.
Contractor—J. Christiansen, Hayward. \$1000

Usual 35 days. ----- All

TOTAL COST, \$1737

Bond, \$850. Sureties, Wallace W. Randall and H. G. Bowditch. Limit, 50 days. Forfeit, none. Plans and specifications filed.

DWELLING

(4319) NO. 1509 ENCINAL AVE., Alameda. One-story 5-room dwelling. Owner—F. A. Rockingham, 2306 San Jose Ave., Alameda. Architect—None. \$4400

DWELLING

(4320) NO. 3222 FAIRVIEW AVE., Alameda. One-story 6-room dwlg. Owner—Lulu Geisner, 1509 Broadway, Alameda. Architect—None. Contractor—G. W. Owens, 1105 Santa Clara Ave., Alameda. \$4600

DWELLINGS

(4321) NO. 5009 VAN BUREN AND NO. 1329 Fountain St., Alameda. Two one-story 5-room dwellings. Owner—H. M. Garber, 186 Hillcrest St., Berkeley. Architect—None. Contractor—M. H. Fish, 1333 Fountain St., Alameda. \$3500 each

ALTERATIONS

(4322) NO. 1206 MILVIA, Berkeley. Alterations and additions. Owner—M. Van Renasseler, Premises. Architect—None. Contractor—D. H. Goodrich, 2923 Newberry St., Berkeley. \$1000

(4323) E. COLLEGE AVE 372 N Bryant, Oakland. One-story tile auto paint shop. Owner—E. J. McCarthy, 5270 Boyd Ave., Oakland. Architect—None. \$4000

ALTERATIONS

(4324) NO. 1693 CLAY ST., Oakland. Alterations. Owner—N. Arakeliem. Architect—None. Contractor—E. J. Saake, 1563 Clay St., Oakland. \$1000

DWELLINGS

(4325) N DAMUTH 250, 395 and 35 E Lincoln, Oakland. Three one-story 5-room dwellings. Owner—R. A. MacKerriker, 3449 Fruitvale Ave., Oakland. Architect—None. \$3000 each

DWELLING

(4326) S FAIRFAX AVE 50 W Monticello, Oakland. One-story 5-room dwelling. Owner—Max J. Karl, 1025 8th St., Oakland. Architect—None. \$2500

FLATS

(4327) W GROVE 50 S 42nd St., Oakland. Two-story 16-room flats. Owner—Valentine Egenberger, 659 42d St., Oakland. Architect—None. Contractor—F. L. McDonald, 2339 Market, Oakland. \$12,500

DWELLING

(4328) N KENMORE AVE 231 W Lakeshore, Oakland. One-story six room dwelling. Owner—L. A. Jackson, 1520 Franklin St., Oakland. Architect—None. Contractor—H. R. Abrahamson, 41 Yosemite Ave., Oakland. \$5849

DWELLING

(4329) E PATTERSON 71 N Kansas, Oakland. One-story 4-room dwlg. Owner—C. M. Harris, 1201 Adeline St., Oakland. Architect—None. Contractor—M. F. Wire, 2248 Chestnut St., Oakland. \$1600

DWELLING

(4330) S SAN JUAN 90 E Thirty-

eighth Ave., Oakland. One-story 4 room dwelling. Owner—M. H. E. Clark, 59 10th St., Oakland. Architect—None. \$3000

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded	Accepted
Sept. 29, 1922—W BROWNING ST. 150.24 N Dwight Way N. 36.50xW 120, Berkeley. Philip Dwyal to Sept. 29, 1922—CENTERVILLE, S. P. Co to Orman J. Emery. Sept. 22, 1922	Sept. 21, 1922—OAKLAND PIER, Oakland. S. P. Co to B S Harris. Sept. 28, 1922
Sept. 30, 1922—LOT 13 Resubdivision Hillside Terrace, Oakland. J. L. Rankin to whom it may concern. Sept. 27, 1922	Sept. 30, 1922—LOT 35 BLK 6 Map East Piedmont Heights Extn., Oakland. Charles E. Quigley to whom it may concern. Sept. 17, 1922
Sept. 30, 1922—LOT 22 BLK "B" Map Central Terrace Oakland. Karl S. Fredrickson to whom it may concern. Sept. 29, 1922	Sept. 30, 1922—LOTS 3 AND 26 BLK "B" Map Elmcrest, Oakland. Orson R. Clark to whom it may concern. Sept. 29, 1922
Sept. 29, 1922—LOT 29 BLK 5 Map Thousand Oaks Station Tract, Berkeley. Evan D Bramlage to whom it may concern. Sept. 29, 1922	Oct. 2, 1922—LOT 110 and 1/2 Lot 111 Blk 16 Map Havenscourt Tract, Oakland. George F Peterson to R O McClune. Sept. 30, 1922
Oct. 2, 1922—LOT 23 BLK 5 Map Thousand Oaks Station Tract, Berkeley. Evan D Bramlage to whom it may concern. Sept. 29, 1922	Oct. 2, 1922—LOT 28 BLK 10, Map Berkeley. Heights, Berkeley. Henry D Dewell to Wm Livingston & Son. Sept. 29, 1922
Oct. 2, 1922—W WHITTLE AVE 500 N Wilbur Ave, Oakland. Wilke-imino and J M Govvea to R A MacKerriker. Sept. 8, 1922	Oct. 2, 1922—NO. 1748 STRANO, Berkeley. Fdith F Kleine to whom it may concern. Sept. 30, 1922
Oct. 2, 1922—LOT 25 BLK 1, Map Lakeshore Glen, Oakland. Anna M Pugh to Harry C Knight. Sept. 30, 1922	Oct. 2, 1922—SE 50, except SW 50 Lot 19 Blk 3, Map Broadmoor, San Leandro. M Elsie Cotter to Chester A Gosselt. August 28, 1922
Oct. 3, 1922—E 35 LOT 25 BLK "F" Leonard Tract, Berkeley. Henry Schutt to Roy O Long Co. Oct. 3, 1922—W CALIFORNIA 100 S Virginia S 35xW 120, Berkeley. B O Hadley to whom it may concern. Oct. 2, 1922	Oct. 3, 1922—NW FORTY-SIXTH & Market, Oakland. Mrs J M Paroli to J A McDonald. Sept. 15, 1922
Oct. 3, 1922—LOTS 31 AND 35 BLK 2 Map Havenscourt, Oka. Ethel Waggoner Olmes to Harry C Knight. Sept. 29, 1922	Oct. 3, 1922—NW NINTH AVE 126.54 SW Silver St., abandoned, SW 40x NW 100, Oakland. Clarence K Nichols to whom it may concern. Sept. 30, 1922
Oct. 4, 1922—SW E-ELEVENTH, bet 1st and 2nd Aves., Oakland. Public Health Center of Alameda County, Inc. to W G Thornally. Sept. 30; George Dixon, Sept. 30; Thos R Catton. Feb 30; King's Electric Co. Sept. 30, 1922	Oct. 4, 1922—LOTS 6 AND 61 BLK 8, Regents Park Tract No. 4, Albany. J E Cofer to whom it may concern. Oct. 3, 1922
Oct. 4, 1922—LOT 22 BLK "D" Maxwell Park, Oakland. Nellie McCain to Harry W Isaacs. Sept. 25, 1922	

DWELLING
(4308) N MOUNTAIN BLVD 250 E Hammer, Oakland. One-story 4-room dwelling.
Owner—J. Anderson.
Architect—None.
Contractor—R. E. Taylor, 3434 Seminary Ave., Oakland. \$1500

DWELLING
(4709) N NINETEENTH 100 E Fifth Ave., Oakland. One-story 5-room dwelling.
Owner—J. F. Whalen, Federal Bldg Oakland.
Architect—None. \$3800

DWELLING
(4310) N OCEAN VIEW 490 E Broadway, Oakland Two-story 6-room dwelling.
Owner—Fred A. Anderson, 5483 Taft Ave., Oakland.
Architect—None. \$5000

DWELLING
(4311) W SIXTY-FIRST AVE 110 S Foothill Blvd., Oakland. One-story 4-room dwelling.
Owner—Hill & Walters, 1629 45th Ave., Oakland.
Architect—None. \$2500

DWELLING
(4312) NW SIXTY-FIRST AND Racine, Oakland. One-story 5-room dwelling.
Owner—Geo. F. Dowling, Federal Bldg., Oakland.
Architect—None. \$3000

APARTMENTS
(4312) NE SIXTY-SECOND AND Telegraph Ave., Oakland. Two-story 16-room apartments.
Owner—Nellie Howard, 1524 Franklin St., Oakland.
Architect—None.
Contractor—California Builders Co., 1534 Franklin St., Oka. \$13,000

DWELLING
(4314) W THIRTY-FIFTH AVE 55 S E-12th, Oakland. One-story 5-room dwelling.
Owner—W. C. Amsden 1245 33rd Ave., Oakland.
Architect—None.
Contractor—Richmond & Amsden, 2126 Harrington St., Oakland. \$3000

DWELLING
(4315) NW E-THIRTY-EIGHTH AND Division, Oakland. One-story 5-room dwelling.
Owner—Mrs. G. Shoemaker, 1507 Wellington St., Oakland.
Architect—None.
Contractor—Jas. M. Hogan, 5416 College Ave., Oakland. \$4950

DWELLING
(4316) N E-THIRTY-EIGHTH 75 W Division, Oakland. One-story 5-room dwelling.
Owner—Boll & Khoremrain, Thayer Bldg., Oakland.
Architect—None.
Contractor—J. M. Hogan. \$4950

DWELLING
(4317) NO. 5267 YGNACIO AVE., Oakland. One-story 7-room 2-family dwelling.
Owner—A. E. Young, Premises.
Architect—None.
Contractor—Greene & Burns, 2971 Elmwood Ave., Oakland. \$5000

RETAINING WALL
(4315) S BEACON ST., Oakland. All work for retaining wall.
Owner—C. W. Boden Co., Syndicate Bldg., Oakland.
Architect—Wm. J. Wilkinson, American Bank Bldg., Oakland.
Contractor—Daniel Moran, 806 13th St., Oakland.
Filed Oct. 1, '22. Dated Sept. 28, '22

Oct. 4, 1922—LOT 10 BLK "H" Crawford Tract, Oakland. Mary Marchi to F E Allen.Oct. 3, 1922
 Oct. 4, 1922—PTN LOT 7 BLK 6 Map Resubdivision Lots 7, 8, 9, 10, 11, 12, 13, 14, 15 Blk 6, Highland Subdivision Adams Point Property, Oakland. Henry W Haler to whom it may concern.Oct. 3, 1922
 Oct. 5, 1922—E MARKET 481 S 1st S 2304E 100, Oakland. P. G. & E. Co to Bartlett Hayward Co.Sept. 25, 1922
 Oct. 5, 1922—LOT 25 BLK "A" Levi-son Tract, Berkeley. Lizzie A Caherty to J P Brennan. Oct. 4, 1922
 Oct. 5, 1922—LOTS 10 AND 12 BLK 2, Dalr. Scenic Park, Berkeley. Theta Chi Fraternity Building Association to E F Henderson.Oct. 5, 1922
 Oct. 5, 1922—NE FOURTEENTH AV and E-38th St. E 70xN 55, Oakland. Charles W Falk and William Sand to whom it may concern. Oct. 2, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
Sept. 29, 1922—SE STOKES AVE 650 SW E-14th SW 40 SE 151.50 NE 40 NW 151.41, San Leandro. M A Lopes vs Darling, Harding & Co.	\$52.50
Sept. 29, 1922—SE STOKES AVE 610 SW E-14th SW 40 SE 151.41 NE 40 NW 151.32, San Leandro. M A Lopes vs Darling, Harding & Co.	\$52.50
Sept. 29, 1922—SE STOKES AVE 610 SW E-14th SW 40 SE 151.53 NE 40 NW 151.20, San Leandro. M A Lopes vs Darling, Harding & Co.	\$52.50
Sept. 29, 1922—SE STOKES AVE 570 SW E-14th SW 40 SE 151.32 NE 40 NW 151.24, San Leandro. M A Lopes vs Darling, Harding & Co.	\$52.50
Sept. 29, 1922—SE STOKES AVE 730 SW E-14th SW 40 SE 151.67 NE 40 NW 151.58, San Leandro. M A Lopes vs Darling, Harding & Co.	\$52.50
Sept. 30, 1922—NE E-FOURTEENTH and SE Sunnyside Drive SE 50xNE 123, San Leandro. Clarence A Doane vs Darling, Harding & Co.	\$6.10
Sept. 30, 1922—SE SUNNYSIDE DR 523 NE E-14th NE 40 SE 179.86 SW 49 NW 179.89, San Leandro. Clarence A Doane vs Darling, Harding & Co.	\$165
Sept. 30, 1922—SE SUNNYSIDE DR 722 NE E-14th NE 40 SE 180.62 SW 70 NW 750.05, San Leandro. Clarence A Doane vs Darling, Harding & Co.	\$165
Oct. 2, 1922—NW NINETEENTH & Jackson NW 165 NE 267.63 SE 49.32 SE 49.61 SE 53.67 SE 51.8 SW 147.41, Oakland. Royal Floor Co vs P A Palmer.	\$132.65
Oct. 4, 1922—(1) NW NINETEENTH and Jackson NW 165 NE 267.63 SE 49.32 SE 49.60 SE 53.67 SE 51.78 SW 147.41, (2) N 19th 165 W Jackson NW 188 NE 284.33 SE 83.30 SE 51.11 SE 49.35 SE 45.47 SE 4.86 SW 267.63, Oakland. W H Foltard Jr vs P A Palmer, Robert Dalziel Jr, J Stevenson.	\$700.60
Oct. 2, 1922—NW NINETEENTH & Jackson NW 165 NE 267.63 SE 49.32 SE 49.61 SE 53.67 SE 51.8 SW 147.41, Oakland. Royal Floor Co vs P A Palmer.	\$1843.80
Oct. 4, 1922—NE E-TWELFTH 106 E 25th Ave SE 50xNE 150-6, Oak. G. H. Andrews vs Mariano Nicotera.	\$141
Oct. 4, 1922—LOT 26 BLK 4, North Grammont, Berkeley. The California Door Co vs Mrs. M E Foreman and Chas E Arthur.	\$461.25
Oct. 4, 1922—N W NINETENTH & Jackson NW 165 NE 267.63 SE 49.32 SE 49.61 SE 53.67 SE 51.78 SW 147.41, Oakland. L A Norris	

Co, \$160.06; Gladding, McBean & Co, \$162.26; Otis Elevator Co, \$5820; Robert Dalziel Jr, \$14,840.53 Truscon Steel Co, \$45.79; Dwan & Co, \$375.52; Sania Cruz Portland Cement Co, \$2155.84; Geo Hudson (as National Lathing Co.), \$3814.04; American Marble & Mosaic Co, \$3483 vs P A Palmer.

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded	Amount
Sept. 29, 1922—LOTS 1, 2 AND 3 BLK "C" Map Foothill Park Tract, Oakland. Melrose Lumber & Supply Co, \$151.25 and \$1006.93 to Mrs. M A Schneke.	

CESSATION OF LABOR

ALAMEDA COUNTY

Oct. 5, 1922—LOT 19 BLK 14, Map Lakeshore Highlands, Oakland. Florence Fryer with Charles C Williams. Work ceased. Sept. 1, 1922

Notice of Non-Responsibility

ALAMEDA COUNTY

Oct. 5, 1922—LOT 22 BLK 6, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.
 Oct. 5, 1922—SW 15 LOT 2, all Lot 3 Blk 4, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.

BUILDING CONTRACTS

FRESNO COUNTY

\$5000 and Over Reported

DWELLING, \$7000; No. 3115 Huntington Blvd., Fresno; owner, W. G. Guire; contractor, Valley Constr. Co., Matiel Bldg., Fresno.
 APARTMENT HOUSE, \$9000, 517 Olive St., Fresno. Owner, D. E. Collins, Fresno. Contractor, Jolly & Jolly, Fresno.
 DWELING, \$5000, 1436 Feiger St., Fresno. Owner, O. G. Ross, Fresno. Contractor, Berton & Wolff, Bank of Italy Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Accepted
Sept. 28, 1922—LOTS 12 AND 13 Bul- lard North Fresno Addition. J W Teel.Sept. 27, 1922	
Sept. 28, 1922—LOTS 3 AND 4 BLK 50, K B Heights Plot 2, Fresno. Tom Constantinos to whom it may concern.Sept.1922	
Sept. 28, 1922—LOTS 41 AND 45 BLK 7, Van Ness Heights, Fresno. M D Bishop to whom it may concern.Sept. 15, 1922	
Sept. 30, 1922—E 9 FT. OF S 5 FT. OF Lot 9, E 90 ft. Lot 10, Blk 8, Van Ness Heights, Fresno.	
Sept. 30, 1922—LOTS 54, "46" BLK 3, Roeding Addn., Fresno. Berton & Wolff to whom it may concern.Sept. 24, 1922	

LIENS FILED

FRESNO COUNTY

Recorded	Amount
Sept. 27, 1922—NW 125.97x298 32 Lot 3, Montpelier Tract, Fresno. L Bosenberg vs Martha F Stoner and Irene Phillips.	\$270

Sept. 27, 1922—LOT 9 BLK 15, Hazel-
wood. L Rosenberg vs V M Joskal
. \$505
 Sept. 27, 1922—LOTS 23 AND 24 BLK
8, College Park, Fresno. L Rosen-
berg vs Pearl E and H N Foss. \$240
 Sept. 28, 1922—LOTS 10 AND 11 BLK
58, Fresno. Evans Plumbing &
Heating Co vs Mary P Wilson. \$347
 Sept. 28, 1922—E 5 ACRES OF LOT
120 in Sec. 20 12-20, Fresno. Independent
Electric Co vs Mrs. E A Kirk
. \$14
 Sept. 29, 1922—S 100 FT. LOT 1, Wa-
pella Tract, Fresno. Carl D Hoese-
plan and Carl Kazanjian, \$3314;
Swastika Lumber Co, \$574; Bar-
rett Hicks Co, \$416; Barrett Hicks
Co, \$42 vs Jacob T Bedge.
 Sept. 30, 1922—LOTS 28, 29 AND 30
Blk 8, Torrance Terrace, Fresno. L
Rosenberg vs G E May. \$947
 Sept. 30, 1922—LOT 1, 109x155.25 Ft.,
Fresno. Tyre Bros Glass Co vs
California Home Eldg & Loan Co,
et al. \$460

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2,500 and Over Reported

DWELLING, one-story 6-room and ga-
rage, \$5961; No. 1201 42nd St., Sac-
ramento; owner, Bessie J. Mayher,
1723 M St., Sacramento; contractor,
J. T. Ransdall, 1655 41st St., Sacra-
mento.
 DWELLING, one-story 5-room and ga-
rage, \$4100; No. 899 36th St., Sacra-
mento; owner, Lloyd B. Corey,
2408 G St., Sacramento; contractor,
E E Sydenstrucker, 1010 27th St.,
Sacramento.
 DWELLING, one-story 5-room and ga-
rage, \$3500. No. 3110 Marshall St.,
Sacramento; owner, C. J. Stevens,
905 F St., Sacramento; contractor,
C. Korch, 3418 L St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded	Accepted
Sept. 11, 1922—BDED BY 55th, 36th, K and L Sts., Sacramento. (Land owned by Sacramento City School District). Sacramento City School District to whom it may concern.Sept. 11, 1922	
Sept. 21, 1922—N LINE V ST., Dist 1076.33 ft. W from center line of Front St., Sacramento. Associated Oil Co to whom it may concern.Sept. 21, 1922	

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

\$2500 and Over Reported

DWELLING, \$6000; N-Orange St.,
Stockton; owner, E. Root.
 RESIDENCE and garage, \$4000; Lu-
cerne Ave., Stockton; owner, C. H.
Vance, Yosemite Bldg., Stockton.
 SHED, \$2800; Oak and Hunter Sts., Sacra-
mento; owner, Wagner Leather
Co. Premises.
 RESIDENCE and garage, \$5000; W-
Magnolia St., Stockton; owner,
Carl F. Anderson.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded	Accepted
Sept. 27, 1922—ON S 51 FT. OF LOT 1 and W 1/2 of Lot 13 Blk 2, E of Central St., Stockton. John J Bar- rett, Trustee to J S Severin.Sept. 25, 1922	

Sept. 30, 1922—SW WEBER AVE & Milligan St., Stockton. Associated Oil Co. to E. S. Shaw, Sept. 23, 1922. Alhina and E. H. Grosen (as Stockton Plumbing Supply Co.)
 Filed Sept. 23, 1922
 Sept. 30, 1922—TRACY. Board of Trustees of Tracy Grammar School District to whom it may concern.
 Filed Sept. 9, 1922

BUILDING CONTRACTS

SANTA CLARA COUNTY

\$1,000 and Over Reported

RESIDENCE

SE COR. WEBSTER ST & Hawthorne Ave., Palo Alto, Cal. All work for one-story residence.
 Owner—Palo Alto Mutual Building and Loan Assn., 257 University Ave., Palo Alto, Cal.
 Architect—Birge M. Clark, 435 Tennyson Ave., Palo Alto.
 Contractor—Wells P. Goodenough, Palo Alto.
 Filed Sept. 23, 1922. Dated Sept. 20, 1922.
 Frame complete, roofing, chimney up \$1000
 First brown coat plaster on 1000
 On completion 1000
 Usual 35 days 1000
 TOTAL COST, \$3400
 Bond, \$2000; Sureties, W. P. Gray and Z. T. Horning; Forfeit, none; Limit, none; plans and specifications filed.

COTTAGE

SW WILLIAM AND SIXTEENTH STS., San Jose. All work for one-story frame cottage.
 Owner—Ir. F. A. Crowell, 444 N-14th St., San Jose.
 Architect—F. L. Martin, 56 S-Willard St., San Jose.
 Contractor—H. A. Bridges, 725 S-7th St., San Jose.
 Filed Sept. 27, '22. Dated Sept. 18, '22.
 Building enclosed \$2050
 1st coat plaster finished 2050
 Completed and notice filed 2050
 Usual 25 days 2050
 TOTAL COST, \$8200
 Bond, limit, forfeit, none. Plans and specifications filed.

RESIDENCE

NO. 649 MIDDLEFIELD ROAD, Palo Alto. All work for one-story residence.
 Owner—James H. Quinby, 76 W-San Antonio St., San Jose.
 Architect—Birge M. Clark, 600 Embarcadero Road, Palo Alto.
 Contractor—The Minton Co., 130 University Ave., Palo Alto.
 Filed Sept. 27, '22. Dated Sept. 23, '22.
 Frame complete, roof sheathed \$1385.50
 1st coat plaster finished 1385.50
 1st coat brown plaster on 1385.50
 Completed and accepted 1385.50
 Usual 35 days 1385.50
 TOTAL COST, \$5542.00
 Bond, \$2771. Sureties, Margerie Minton and William P. Wright. Limit, forfeit, none. Plans and specifications filed.

DWELLING

LOT 50 x 150 ELK 39, beginning 150 ft from intersection of Hamilton Ave. and Cowper St., facing Hamilton Ave., Palo Alto. All work for one-story dwelling.
 Owner—Mr. and Mrs. E. Burkhart, 444 Emerson St., Palo Alto.
 Architect—None.
 Contractor—Wells P. Goodenough, 435 Tennyson St., Palo Alto.
 Filed Sept. 27, '22. Dated Sept. 23, '22.
 As work progresses 75%
 Usual 35 days 25%
 TOTAL COST, \$5500
 Bond, limit, forfeit, none. Plans and specifications filed.

COTTAGE

SAN JOSE. All work for one-story 4-room frame cottage.
 Owner—Mrs. R. Robinson, San Jose.
 Architect—Hastings Bros., Bank of San Jose Bldg., San Jose.
 Contractor—Hastings Bros., Bank of San Jose Bldg., San Jose.
 Filed Sept. 28, '22. Dated Aug. 22, '22.
 Frame up and rafters set \$668.50
 1st coat plaster on 668.50
 Completed and accepted 668.50
 Usual 35 days 668.50
 TOTAL COST, \$2674.00
 Bond, none. Limit, 90 working days from Sept. 28, 1922. Forfeit, none. Plans and specifications filed.

BUNGALOW

NO. 948 E-JULIAN ST., San Jose. All work for one-story 4-room bungalow.
 Owner—Mrs. R. J. McMahon, San Jose.
 Architect—Hastings Bros., Bank of San Jose Bldg., San Jose.
 Contractor—Hastings Bros., 401-11 Bk of San Jose Bldg., San Jose.
 Filed Sept. 28, '22. Dated Sept. 25, '22.
 Frame up \$668.50
 1st coat mortar on 668.50
 When completed 668.50
 Usual 35 days 668.50
 TOTAL COST, \$2674.00
 Bond, none. Limit, 75 working days from Sept. 25, 1922. Forfeit, none. Plans and specifications filed.

CONCRETE GARAGE, \$6000; Austin St. near Santa Clara, San Jose; owner, G. G. Walker, 922 S-First St., San Jose; contractor, Wm. Moore, 297 Reed St., San Jose.

COTTAGE, three-room, \$1000; Acacia and Poplar Sts., San Jose; owner, Miss M. Smith; contractor, J. A. Griner.

COTTAGE, five-room, \$2925; Eleventh St. near Virginia, San Jose; owner, L. M. Lunsford, 618 S-First St., San Jose; contractor, Ed. Delmaestro, 424 W-Julian St., San Jose.

COTTAGE, four-room, \$3000; No. 441 S-Tenth St., San Jose; owner, Clarence Dorsey, 135 S-10th St. San Jose; contractor, Carl Maurer, 241 Locust St., San Jose.

COTTAGE, five-room, \$2500; St. James and 18th Sts., San Jose; owner, Samuel Sala; contractor, H. C. Wells, 525 N-San Pedro St., San Jose.

COTTAGE, two-room, \$1400; Locust St., near Park, San Jose; owner, E. Ulrich, 299 Park St., San Jose; contractor, W. S. Hinds, 113 Curtis St., San Jose.

SMALL business building, \$3000; Santa Clara and Los Gatos Creek, San Jose; owner, Oscar Bunnick, 452 W-Santa Clara St., San Jose; contractor, Geo. Luebben, 843 Delmas St., San Jose.

ALTER front, \$1000; No. 156 S-First St., San Jose; lessee, Vogue Corset

Shop, Premises; architect, Herman Krause, Bk. of San Jose Bldg., San Jose; contractor, Megna & Newell 847 N-17th St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
 Sept. 27, 1922—E RACE 286 N from intersection of E Pine Race St. with N Pine San Carlos Bldg., San Jose. 4
 E and M E Brewery to Wm H Norman Sept. 20, 1922
 Sept. 28, 1922—EAST SAN JOSE, Virginia Sagardia to whom it may concern Sept. 28, 1922
 Sept. 28, 1922—LOCATION NOT Given. F D Fowler to E E Weldon Sept. 27, 1922
 Sept. 29, 1922—SAN JOSE. F S Bruch to Wesley W and T C Hastings Sept. 28, 1922
 Sept. 29, 1922—SAN JOSE. R I Souther to whom it may concern Sept. 28, 1922
 Sept. 29, 1922—SAN JOSE. E Thrum to Jerome Garcia Sept. 29, 1922
 Sept. 29, 1922—NO. 252 MARTIN AVE San Jose. R H Uehner to Wm Regal Sept. 23, 1922
 Sept. 30, 1922—PALO ALTO. Henry Schoelhamer to Hansen Bros. Sept. 25, 1922

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW

REDWOOD CITY. All work for one-story bungalow.
 Owner—C. H. Holt Realty Co., Brewster St., Redwood City.
 Architect—None.
 Contractor—C. Brag, Redwood City.
 Filed Sept. 26, '22. Dated Sept. 19, '22.
 Framed 4
 Brown coated 4
 Completed 4
 Usual 35 days 4
 TOTAL COST, \$2560
 Bond, \$1280. Sureties, Wm. Jamison and J. Marcus. Limit, 70 days. Forfeit, none. Plans and specifications filed.

BUNGALOW

W CORTEX AVE N of Easton Drive, Burlingame. All work for one-story frame bungalow.
 Owner—George R. Bormann.
 Architect—Dodge A. Riedy, Pacific Bldg San Francisco.
 Contractor—L. C. Rossi.
 Filed Oct. 2, '22. Dated ———
 Roof on \$1387.50
 Brown coated 1387.50
 Completed 1387.50
 Usual 35 days 1387.50
 TOTAL COST, \$5500.00
 Bond, \$2775. Sureties, New Amsterdam Casualty Co. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

STORE BLDG.

NW BURLINGAME AVE & PRIMROSE Road, Burlingame. All work for one-story Class C store building, (1 stores).
 Owner—M. Fleishhacker, 401 Second St., San Francisco.
 Architect—S. Heiman, 57 Post St., San Francisco.
 Contractor—George H. Arthur, 409 Occidental St., San Mateo.
 Filed Sept. 29, '22. Dated Sept. 25, '22.
 Roof on \$2843.75
 Plastered 2843.75
 Completed 2843.75
 Usual 35 days 2843.75
 TOTAL COST, \$11,375.00
 Bond, \$5688. Sureties, S. A. Keystone and J. G. Morrison. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
 Nevada City, Reno

SACRAMENTO OFFICE
 ROSS E. PIERCE, Manager
 905 SIXTH STREET

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded **Accepted**

Sept. 28, 1922—PTN LOT 3 BLK "D"
San Mateo Heights, San Mateo.
Etta B and Granville Savage to
Geo M Babst.....Sept. 25, 1922

Sept. 28, 1922—LOT 22 BLK 1, Central
Addition, San Mateo, Chas Lin-
decker to Cavanagh Bros.....Sept. 22

Sept. 28, 1922—LOT 29, 10th Addition
Runnymede near Menlo Park.
Nellie Barnard Waterbury to whom
it may concern.....Aug. 24, 1922

Sept. 27, 1922—LOT 11 BLK 22 Sub of
Lots 22 and 24 Resubdivision of Blk
23, Burlingame. John R Lindsay
to whom it may concern.....Sept. 22

Sept. 27, 1922—LOT 18 BLK 9, East-
on Addition No. 1, Burlingame.
P J McManhan to whom it may con-
cern.....Sept. 28, 1922

Sept. 29, 1922—LOT 3 BLK 33, San
Carlos. Mary J Johnson to Ben
Zimmerman.....Sept. 29, 1922

Sept. 29, 1922—LOT 16 BLK 35, Lyon
& Hoag Sub, Burlingame. W R
Thompson to W R Thompson.....Sept. 28, 1922

Sept. 29, 1922—LOT 7 BLK 18, Lomita
Park. Grace Fritz to Thos A Cul-
lerton.....Sept. 22, 1922

Sept. 29, 1922—LOT 26 BLK 1, Glen-
wood Park, Burlingame. George
S Hook to John M Rutherford.....Sept. 27, 1922

Oct. 2, 1922—LOT 19 and E 1/2 Lot 18
Blk 2, Metropolis Homestead Tract
near Coima. Ernaldina E Crichton
to John F Leslie.....Sept. 28, 1922

Oct. 3, 1922—N THIRD AVE 341.37 W
tron N Cr. Third Ave and A
St. 1/2 56, San Mateo. News Leader
Publishing Co to John Morton.....Sept. 27, 1922

LIENS FILED

SAN MATEO COUNTY

Recorded **Amount**

Oct. 3, 1922—LOTS 44, 45 AND 46 BLK
B, Milbrae Park, Milbrae. John
Doddson vs Maddalena Terzani &
Louis Pillon.....\$241

Oct. 5, 1922—LOT 20 BLK 9 Fourth
Addition, San Bruno. San Bruno
Lumber & Supply Co vs A J Wilbe
.....\$56.77

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, \$3400.
S Barrett bet. 5th and 6th Sts.,
Richmond; owner, E J Esola, 560
Berrett Ave., Richmond; contractor,
J. A. Fagestrom, 147 12th St., Rich-
mond.

OFFICIAL PROPOSALS

(Continued from Page 17)

NOTICE TO CONTRACTORS

(McKinley School Addition)

Notice is hereby given that the Board of Education, Bakersfield City School District, City Hall, Bakersfield, Calif., will receive sealed bids, up to 7 p. m., of October 26th, 1922, for the erection and completion of a two-room brick and frame addition to the McKinley School Building, Bakersfield, Calif., in accordance with plans and specifications for same on file with the Clerk of said Board and open for the inspection of bidders. Copies of said plans and specifications may be had at the office of Charles H. Biggar, architect, Bank of Italy Bldg., Bakersfield, and the work will be done under his supervision. Each bid must be accompanied by a certified check for at least ten per cent of the amount bid, said check to be made payable to the Clerk of the Board

of Education, Bakersfield City School District, and will be forfeited should the successful bidder fail to enter into contract for the erection and completion of the building, satisfactory to the said Board of Education, and in addition thereto, furnish satisfactory bond in the amount of seventy-five per cent of the contract price. The Board reserves the right to reject any or all bids or to waive any informality in any bid received. Alternate bid for the construction of one room only, is also desired.

By order of the Board of Education, Bakersfield City School District, September 23, 1922.

HARRIET R. PEACOCK,

President.

E. R. LONG, Clerk.

NOTICE TO CONTRACTORS

(Kern County Branch Library)

Notice is hereby given that the Clerk of the Board of Supervisors, County of Kern, Bakersfield, Calif., will receive sealed bids up to 10 A. M. of October 16, 1922, for the erection and completion of a one-story brick and frame branch library building at Marland, Kern County, Calif., in accordance with plans and specifications for same on file with said clerk and open for the inspection of bidders.

Copies of the above plans and specifications may be had at the office of Charles H. Biggar, Architect, 405-406 Bank of Italy Bldg., Bakersfield, and the work will be done under his supervision.

Each bid must be accompanied by a certified check for at least ten per cent of the amount bid, said check to be made payable to the Clerk of the Board of Supervisors, and same will be held as evidence of good faith on the part of the successful bidder, that he will enter into a contract satisfactory to the Board of Supervisors and in addition thereto will furnish good and sufficient bonds in the amount of seventy-five per cent of the contract price.

The Board reserves the right to reject any or all bids and to waive any informality in any bid received.

By order of the Board of Supervisors, Sept. 18, 1922.

F. E. SMITH,

County Clerk and ex-Officio Clerk of the Board of Supervisors.

NOTICE TO DEALERS IN BEST

TRACTORS

Notice is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, in their rooms in the Court House, in the city of San Jose, up to 11 o'clock a. m. of Monday, October 18, 1922, for one or more new sixty HP Cruiser type, Best track layer, tractors, three speeds forward, one reverse truck roller, track links and pins, to be drop forged heat treated drawbars, front and rear; provision for at plates on tracks if desired, full set operating tools, tractor to be delivered at San Jose, in first-class operating condition, with manufacturer's full guarantee.

Each bid must be accompanied by a certified check in the sum of ten per cent of amount bid, drawn upon some reliable bank in favor of Henry A. Pfister, County Clerk.

The Board reserves the right to reject any and all bids.

All bids must be addressed to John Roll, Chairman of the Board of Supervisors of Santa Clara County, and endorsed "Bids for 60 HP Cruiser Tractors."

By order of the Board of Supervisors of Santa Clara County.

Attest: HENRY A. PFISTER,

County Clerk and ex-Officio Clerk

By Eugene M. Don, Deputy Clerk.

BIDS WANTED FOR REMODELING

BARRACKS

NOTICE TO CONTRACTORS

Sealed proposals, indorsed "Proposals for Remodeling Building, Mare Island, Calif., Specification No. 4601," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., Oct. 11, 1922, and the opening of said bids opened for remodeling Barracks Building, No. 53, at the Marine Reservation, Navy Yard, Mare Island, Cal. The work includes rearrangement of partitions,

removing brick walls, repairing walls, ceilings and floors, and new electric lighting, heating, and plumbing fixtures, and their connections to the existing systems, together with other incidental work. Drawings and specifications No. 4601 may be obtained on application to the Bureau or to the Commandant, Navy, Mare Island, Calif. Deposit of a check or postal money order for \$10 payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specifications. E. E. Kenh, Acting Chief Bureau, August 17, 1922.

BUSINESS OPPORTUNITIES

Further information regarding these opportunities may be had from Foreign and Domestic Trade Bureau of San Francisco Chamber of Commerce, Merchants' Exchange Bldg., by referring to index number:

D-24—Mexico City, Mexico. Large firm is interested in buying hardware, dyes, varnishes and cutlery.

D-25—Guaymas, Sonora. Large firm desires contract with a San Francisco Importing and exporting house. This firm is at present especially interested in buying lead in bars and ingots. **D-24—Cincinnati, O.** Manufacturers of high grade thermometers, hydrometers and scientific instruments for industrial purposes desires distributor San Francisco.

D-26—Philadelphia, Pa. Manufacturer of patent automatic tank vent valves designed for use on the vent pipes of all kinds of oil tanks, desires distributor San Francisco.

D-28—San Francisco, Calif. San Francisco local firm has available open storage space in large fenced-in yard close to waterfront. Belt railway spur facilities. Wagon scale on premises. Low storage rates.

Landowners included in Butte-Sutter By-Pass Assessment No. 6, levied by the State Reclamation Board to pay the cost of the Sutter by-pass and other reclamation work, voted practically unanimously to bond the district located in seven counties of the Sacramento Valley to meet the assessment, which aggregates slightly more than \$8,000,000.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS OF OCTOBER 3, 1917

Of Building & Engineering News, published weekly at San Francisco, Calif., for October 1st, 1922.

State of California, City and County of San Francisco, ss.

Before me, a Notary Public, in and for the City and County aforesaid, personally appeared Eleanor F. Larsen, Administratrix of the Estate of L. A. Larsen, deceased, who having been duly sworn, according to law, depose and says that she, et al. are the owners of the Building & Engineering News, published at San Francisco, 560 Mission street, San Francisco, Cal.

Editor, Mrs. L. A. Larsen, 560 Mission street, San Francisco, Cal.

Managing Editor, J. P. Farrell, 560 Mission Street, San Francisco, Calif.

Business manager, Mrs. L. A. Larsen, 560 Mission street, San Francisco, Cal.

Owner, L. A. Larsen Estate.

That the known bondholders, mortgagees and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages or securities are None.

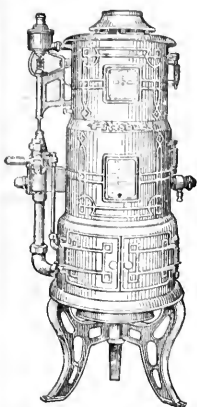
That the average number of copies of each issue of this publication sold or distributed, through the mails or otherwise, to paid subscribers during the six months preceding the date shown above is 650.

ELEANOR F. LARSEN, Administratrix of the Estate of L. A. Larsen, deceased.

Sworn to and subscribed before me this twenty-ninth day of September, 1922.

CHALMER MUNDAY,

Notary Public in and for the City and County of San Francisco, State of California. (My commission expires Oct. 18, 1925.)



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THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

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Publication Office
560 Mission Street

SAN FRANCISCO, CALIF., OCTOBER 14, 1922

Published Every Saturday
Twenty-second Year No. 41

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Economy*

Wall

*Appearance
Comfort*

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San Francisco Oakland

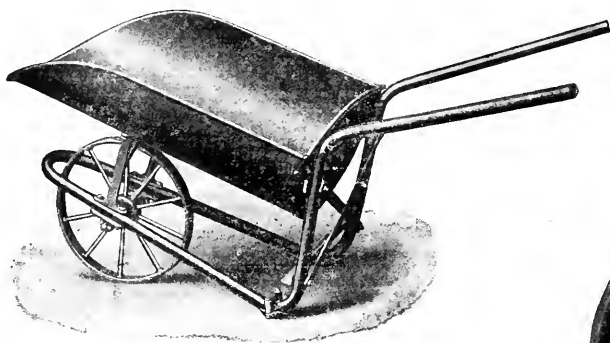
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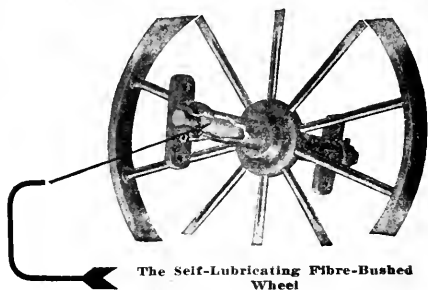
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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., OCTOBER 14, 1922

Twenty-second Year No. 41



No. 560 Mission Street,
San Francisco, Calif.

MRS. L. A. LARSEN, Publisher
J. P. FARRELL, Managing Editor

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

Official Paper of Vallejo Builders' Exchange

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MUNY HYDRO-ELECTRIC PLANT AT TACOMA PAYS BIG

After experience with municipal ownership and operation of its hydro-electric plant since 1893, Tacoma, Wash., is well satisfied and is considering an investment of \$12,000,000 in additional generating plants and equipment.

Tacoma has approximately 23,688 families. Of this number 1781 families use electricity for cooking in addition to lighting and 2229 are using electric current for heating, in addition to other uses.

The rates in Tacoma for this service are 5.5 cents per kilowatt for lighting, 1 cent for cooking and 1/2 cent for heating. This latter rate is declared one of the cheapest in the country. The city of Tacoma has an absolute monopoly within the city proper, but in the outlying residence districts where a private company supplies service the rates are 8 cents for light, 3 cents for cooking and 1 cent per kilowatt for heating.

Tacoma's original investment in its electric plant was \$1,750,000, which also included the water system in operation at that time. About \$2,600,000 has been spent in addition since that time in additions, and another investment of \$12,000,000 is contemplated as soon as water rights can be cleared up.

During the period of its operation the income from the plant has paid all operating costs, retired the bonds and has built up a surplus of \$2,536,341.37 which has been invested largely in extensions of the plant, which otherwise would have required bond issues for financing.

It is declared in Tacoma that a home is not considered modern unless it is provided with full electrical equipment for lighting, heating and cooking. Especially has this been true since the recent coal strikes.

TYPES OF ROADS VARY WITH CONDITIONS

Various types of Federal-aid roads are built in different sections of the country. According to the Bureau of Public Roads of the United States Department of Agriculture, this variation is due largely to availability of materials, volume of traffic, and climatic conditions.

The 18,299 miles of Federal-aid road completed on July 31 has been distributed among the eight major types of construction as follows: Graded and drained, 2528 miles; sand-clay, 2222 miles; gravel, 7013 miles; water-bound macadam, 456 miles; bituminous macadam, 654 miles; bituminous concrete, 699 miles; concrete, 3350 miles; and brick, 287 miles.

In the group of states composed of Delaware, Maryland, Virginia, West Virginia, North Carolina, South Carolina, Georgia and Florida, the 2,842.9 miles completed has been distributed as follows: Graded and drained, 173.5; sand-clay, 1592.5; gravel, 270.4; water-aid, 1.5; building campaign is bound macadam 3.4; bituminous macadam, 204.3; bituminous concrete, 107.0 concrete, 387.3; and brick, 24.5. Bridges completed total 15.9 miles in length.

The total mileage completed in each state is as follows: Delaware, 34.1; Maryland, 171.1; Virginia, 350.6; West Virginia, 170.6; North Carolina, 827.3; South Carolina, 445.6; Georgia, 819.4; and Florida, 48.7. In addition the mileage under construction or completed and final payment not made is as follows: Delaware, 19.0; Maryland, 29.7; Virginia, 201.5; West Virginia, 156.0; North Carolina, 126.4; South Carolina, 423.5; Georgia, 366.5; and Florida, 142.8.

RECLAMATION SERVICE SAYS DAY LABOR PLAN IS JUSTIFIED

As a result of some investigation into the matter of reclamation work being done by day labor, and the relations of the Reclamation Service toward the contracting fraternity, representatives of the Service are inclined toward doing their work by contract, but they stated that a considerable portion of the Reclamation Service work could not be satisfactorily contracted on account of the uncertainty of funds available making it impossible for them to give a definite time for payment. They explained that Congress authorizes the expenditures but does not make a definite appropriation, and while the books show that for a given year extensive work is authorized, they never know very far ahead what money will be available to spend. The funds are obtained from the sale of certain bonds, from royalties, and occasionally from an appropriation. They also stated that some of the work was hazardous and contingencies were impossible to foresee, and it was therefore impossible to contract for the work.

W. A. Kraner, San Francisco contractor, has filed suit for \$50,000 against the Happy Valley Irrigation District of Olinda, Shasta County. Kraner says he entered into a contract with the directors of the district for extension and improvement of the irrigation system. He says the contract was rescinded by consent, but the agreement to pay him for his work was not carried out.

TO START CONSTRUCTION OF OAKLAND PIER

With the arrival of caps and stringers for the pier to be used in constructing the new municipal pier at the foot of Market street, Harbor Engineer Ralph Beebe expects to start immediately a force of men at work driving the piles. All of the material for the big job has been ordered.

Eighteen months will be necessary to complete the project, Beebe estimates, because of delays in availability of the money appropriation of \$225,000.

One pier planned by Beebe on the western waterfront will provide more berthing space than the entire total now available to shippers. The pier is to be 6000 feet in length, paralleling the Key Route mole, and will have a fairway of 1000 feet.

Purchase of the lands necessary and construction of the pier are estimated to cost \$600,000. In addition to this a belt line is proposed to connect the Southern Pacific and Santa Fe systems and other docking facilities.

WOODEN GAS PIPE OUTLASTS IRON BANDS

The common impression is that iron is more durable than wood, but the fact is that under certain conditions wood often outlasts iron, says the National Lumber Manufacturer's Association Information Bureau.

In reconstructing the gas system at Canandaigua, N. Y., which was installed seventy years ago, it was necessary to take up 1800 feet of wooden trunk line pipe. The engineers were amazed to discover that there had been no leakage from it.

Although it had been lying submerged in water, it appeared to be as sound as when laid. The inside of the pipe was as intact as the outside.

Nevertheless, an iron band which made a joint was so badly rusted that it had to be removed. Not only was this ancient pipe intact, but chips from the borings showed that there had been no seepage of gas, the wood fibre not even being impregnated with gas odor.

SAN JOSE BUILDING ACTIVITIES ACTIVE, REPORT SHOWS

That San Jose is rapidly forging ahead in its building campaign is shown in the report of City Building Inspector M. C. Woodruff for the nine months of this year as compared to the same period of 1921, which are as follows:

	Amount 1921	Amount 1922
January	\$ 98,772	\$ 75,363
February	114,265	121,570
March	105,423	129,149
April	133,620	141,370
May	46,254	166,640
June	62,255	215,150
July	59,912	168,755
August	39,735	187,335
September	78,120	127,880
Total	\$758,457	\$1,522,225

These figures show that the nine months of this year have a total of more than twice that of the same period of 1921. It is expected that by the close of the year the total will prove to be the greatest of any year since figures have been compiled. The full year of 1920 was the previous big year in building, when the total was \$1,799,516, or only about \$250,000 more than the value of the past nine months.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

A survey of the building industry which has just been completed by the Copper and Brass Research Association, places the total expenditures in this country during 1922 for all classes of building at \$5,000,000,000. Approximately one-third of this amount will be expended for dwelling construction. Industrial buildings follow with a total of \$653,000,000 after which come office buildings with \$645,000,000, hotels \$640, 000,000, and schools \$610,000,000. Public buildings, hospitals and churches follow in the order named. The details of the \$5,000,000,000 expenditure for different types of buildings are as follows: Apartment houses \$550,000,000, churches \$205,000,000, dwellings, \$680,000,000, hospitals \$230,000,000, Hotels \$640,000,000, industrial buildings \$655,000,000, office buildings \$645,000,000, public buildings \$260,000,000, public garages \$125,000,000, schools \$610,000,000. In conclusion, the survey says: "Activity in the building industry has served greatly to assist in hastening the return of normal business conditions throughout the United States; for \$5,000,000,000 translated into as much materials and labor, betokens a wide range of industrial activity. It is therefore reassuring to note that only a start has been made toward catching up on the accumulated building deficit, and that with increased construction of heavier types of building, even though there may be a somewhat smaller amount of residence construction, we may reasonably expect, during the next three years at least, considerable more than the normal pre-war building activity."

A petition for a writ of mandate to compel W. F. McClure, State Engineer, and A. E. Fletcher, State Director of Public Works, to estimate the amount of probable cost of organizing the Kings River Water Storage District, in compliance with the California Water Storage District Act of June 3, 1921, has been filed in the State Supreme Court. H. F. Tarpey, E. K. Reed, E. E. Griffen, W. W. Sheehan, A. G. Wishon, L. A. Nares, J. O. McIntire and H. A. McKenzie are named as petitioners. Engineers McClure and Fletcher and three more are named as respondents. The area of the proposed district is in excess of 1,000,000 acres of land having a value of approximately \$200,000,000. Plans for improvements within the proposed district involve the construction of works estimated at \$26,000,000 and the building of dams, storage of large amounts of water, approximately 600,000 acre feet, in a reservoir to be constructed upon the King river in a location known as "Pine Flat Reservoir." the petition requests that the water storage district be immediately formed and functioned. McClure and Fletcher are asked to act upon and approve the undertaking conditions. Hearing on the petition has been set for November 14, at Sacramento.

Supervisors John Heiken, of Sutter County, and Supervisor John Russi, of Sacramento county, have selected James K. O'Brien, of Yuba County, as a third member of a committee to organize a joint highway district in their respective counties through which the Natomas Boulevard in Sacramento county and the Sutter County highway may be made a connecting link between the two counties. O'Brien, who was chosen chairman of the committee, will confer with the State Highway Commission to ascertain the mode of procedure in the premises. The proposed highway district will contribute one-third toward the construction of the road, Sacramento and Sutter Counties will pay one-third and the balance will be met by the State.

The W. J. Bettingen Lumber Co., with a capital stock of \$500,000, has been incorporated and will maintain main offices at Pasadena, California. Commander H. Van Keuren, U. S. N., has arrived from New York to assume the duties of Admiral John J. Beuret, U. S. N., formerly attached to the Mare Island Navy Yard. Admiral Beuret formerly construction officer at the Mare Island yard, received his rank of Rear Admiral a short time ago and has been made head of the Bureau of Construction and Repair with headquarters at Washington, D. C.

Chief Engineer Muhlolland of the Los Angeles bureau of water works and supply announces that construction work has started at Fairmont reservoir to increase the height of the earth dam from 81 to 96 ft. This will increase the storage capacity from 5900 acre ft. to 7600 acre ft.; the estimated cost is \$100,000.

Cement shortage threatens to hold up all municipal improvements at Seattle, Wash. Unless immediate relief arrives all private building operations will cease, contractors report.

The Dillon Point Development Co., a corporation, will file application with the Contra Costa County Supervisors for permission to build a toll bridge over Carquinez Straits from Dillon Point, Solano county, to the nearest feasible point on the Contra Costa county side. The proposed structure will be approximately 3000 feet in length and 30 feet wide. Alf. R. Kelly is president of the company and W. T. Duffy, secretary.

Max E. Cook, Farmstead Engineer, Delhi Land Colony, announces the advertising of the last unit of the Delhi Colony for settlement. Applications will be received from November 1 to 30, inclusive. This unit contains 2700 acres and includes the Ballico townsite on the Santa Fe which will be developed in the same manner as the Delhi townsite. Approximately \$500,000 worth of building will be undertaken in this unit.

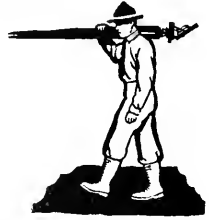
Attorney General Webb rules that injuries sustained by children on defective playground apparatus on school grounds, makes the trustees of the school liable for damages. A. G. Wetmore, Superintendent of Schools in Stanislaus County, has sent out a circular letter advising the various school districts in his county to remove all playground apparatus, in view of the decision.

Tank Vent Valve Co., 1330 Pine St., Philadelphia, Pa., desires to secure firm or individual to introduce on the Pacific Coast the Krafft patent automatic tank vent valve, for use on oil tanks, ships, tank cars, locomotives and storage reservoirs.

Construction of a \$100,000 addition to its plant in Fresno has been started by the People's Ice Company. With the addition the plant will have a daily capacity of 18,000 tons.

(Continued on Page 7)

ALONG THE LINE



R. M. Morton, who was chief engineer for the Sacramento County Highway Commission when it was created, and who supervised the construction of the major portion of the system built under the \$1,750,000 bond issue, was a recent visitor to Sacramento. Morton resigned on January 1, 1920, when practically all of the work was completed, to accept a similar position in San Diego county, where a highway bond issue of \$2,300,000 had been voted. That work has just been completed. During the period of two years and eight months Morton supervised the construction of sixty-eight miles of paved highway and twenty miles of graded highway.

Robert A. Allen has been commissioned state engineer of Nevada, by Governor Emmet D. Boyle. The official will also serve as ex-officio member of the Public Service Commission. The appointment was made to fill the vacancy caused by the resignation of Colonel James G. Scruggan, Democratic nominee for governor. Allen has served as deputy state engineer for three and one-half years.

Application has been made to the Interstate Commerce Commission by the Staley System of Electrical Railroads for permit to build 950 miles of line in Colorado, New Mexico and Arizona with 225 miles of branch lines. The projected road is to start at the Mexican border in Pima county, Ariz., and run northward through the San Juan basin.

Albert Givan, Sacramento city engineer, has left for Mississippi River points, to inspect dock and wharf facilities with a view to incorporating the latest ideas in wharf construction for the city of Sacramento which has voted a bond issue of \$200,000 for municipal wharf improvements.

Articles of incorporation of the Panama Pottery Company of Sacramento, formed for the purpose of manufacturing clay products have been filed with Secretary of State. The company has a capital stock of \$100,000 and the directors are Victor Avelon, Andrew Anderson and Gustaf Johanson, all of Sacramento.

Willis Polk, San Francisco architect, has been named chairman of the Planning Commission of the Three Cities Chamber of Commerce, San Mateo county, which will draft a comprehensive scheme for the development of San Mateo, Burlingame and Hillsborough as an industrial and residential section.

T. L. Butler has taken over the business of the Pacific Gravel Co., 451 Skotwell street, San Francisco, and will handle a complete stock of sand, gravel, crushed rock, cement, roofing gravel and concrete mixture.

Architect Paul V. Tuttle, 565 Light-house avenue, Pacific Grove, announces the opening of an Oakland office in Room 25, 357 Twelfth St.

An Efficient Concrete Plant Layout

Saving of 36 Per Cent on Equipment Cost Shown

(By Richard P. Wallis, in The Constructor for October)

The success or failure of a construction operation depends in no small manner upon the layout and equipment of its concreting plant. By the concreting plant is meant the mechanical equipment for receiving, storing, mixing and depositing the materials that constitute the concrete frame of the building.

The objects sought in providing these devices as a substitute for human labor in the carrying on of these operations are to increase the speed and to reduce the unit cost of preparing and placing this concrete. These requirements constitute the criterion by which the performance of the plant is judged.

As practically each building operation is unique in its character, so may we expect to find separate and distinct problems to solve in meeting individual job requirements. There are, however, 2 fundamental principles that are common to all efficient plant layouts. In the first place, the continuity of supply must be guaranteed against interruption so as not to jeopardize the successful placing of the concrete; furthermore, the force of gravity should be employed wherever possible to convey material from one location to another.

Factors Influencing Equipment Selection

The special factors that influence the selection of equipment are as follows: 1st, the nature of the material to be handled; 2nd, the source of supply and method of transportation; 3rd, local physical conditions; and, 4th, the initial cost and probable salvage value of such equipment.

The equipment decided upon must be well adapted to the purpose for which it is intended. Cement in bulk requires one type of conveyance, while in sacks it must be handled by other means.

The source of supply and method of transportation exercises a considerable influence in the choice of this equipment. If the aggregates are obtained from local sand and gravel banks, special washing and screening apparatus will be required as well as excavating equipment. If brought to the site by water, rail or truck, unloading devices must be provided that will function in a satisfactory manner in each case.

The arrangement of the buildings, their height, the quantity and distribution of the concrete to be placed, and the amount of available storage space must be considered before deciding on any particular layout. Existing rail or dock facilities must be investigated as well as the topographical features of the site. The plant layout must be shaped to profit by any special physical condition that may exist at the start of operation.

The initial cost and probable salvage value of equipment should be considered before determining on the final layout. Equipment may be selected that will expedite the work of manufacturing concrete yet, owing to its prohibitive cost, increase the unit costs to such a point as to wholly nullify its usefulness in that respect. The salvage value of equipment of this character is variable and depends upon the original cost of the equipment and on the care received by it during the operation.

Don't Overequip

Over-equipping a plant is as unfortunate in its consequences as is failure

to provide sufficient equipment to fully utilize the existing advantage. Additional plant should be installed only when it is clear that such addition will satisfy the criterion of speed and cost.

The final layout should be determined upon only after a careful consideration of all these factors. The plant should be well balanced throughout—that is, all parts should be selected so as to function in an efficient manner without loss of time or materials. A basic principle of engineering construction is to make no one part better or stronger than the rest. This same principle applies to the selection and arrangement of concrete plant equipment.

A Model Plant Layout

The plant layout in the new building now under construction by the Lundorff-Bicknell Co. for the Ward Baking Co., at 46th Street and Perkins Ave., Cleveland, contains numerous interesting features and admirably illustrates the application of many of the above principles to a typical plant layout.

The building itself covers an area of 260 feet by 315 feet and varies in height from 20 to 60 feet. The floors of this building are of reinforced concrete, designed as flat slabs averaging 7 inches in thickness and carried on heavy concrete columns. Altogether, including floor, columns, foundation, etc., there are approximately 10,000 cubic yards of concrete in the finished structure.

The building is located in a built up district of the city and occupies approximately 70 per cent of the entire lot. This limitation of available storage space necessitated a careful preliminary study of the possibilities offered by the use of mechanical equipment in the efficient handling and placing of this concrete.

Fortunately there existed at the start of operation an 18 foot wood trestle along the entire east side of the property carrying a single track spur from the main line of the C. & P. Division of the Pennsylvania Railway. The entire plant was planned and erected with especial reference to the use of this track in the delivery of materials.

Sand, slag, stone and sacked cement are brought to the job in carload lots. The bottom-dump cars are spotted on the trestle over the respective bins and sheds and their contents unloaded by gravity. The aggregates are dumped through the hoppers to their respective bins, while the cement is dropped directly down through chutes to their various sheds below.

Power for shifting these cars locally by means of a cable and nigger head located at one end of the trestle is obtained from the same 75 h. p. McMyler boiler that operates mixer, hoist and pumps.

Storage

There are two sand bins, each with a capacity of 150 cubic yards and two slag bins of similar capacity. It was found necessary to build twin bins for both sand and slag owing to lack of sufficient height beneath the trestle for a single bin with a storage capacity adequate for a day's continuous pouring. This arrangement was made possible by the use of two power-driven Jeffrey belt conveyers that elevate the material from the outer bin in each case to that adjacent to the charging

hopper. These conveyers are operated by 5 h. p. electric motors and have a lifting capacity of approximately one cubic yard per minute.

There are 7 cement sheds with an average capacity of 950 sacks (one car load) each. Sheds No. 1 to No. 6 inclusive are for daily use, while shed No. 7 is held as a reserve in case the unexpected happens and the supply of cement is interrupted. Carload lots of cement are not used until after the receipt of the seven-day test has been received. Until then a sign bearing on one side the words "Do not use" is placed on the door of the shed containing that particular carload. Upon approval this is reversed to read "O. K." and the cement is ready for use.

Mixing

The material from the inner bins is admitted directly to the charging hopper of the mixer, which is located in a pit directly between and below these bins, through steel cut-off gates operated by hand. This charging hopper is divided into two portions by a vertical partition so that the proper amount of sand and slag for each batch is easily determined by filling each portion to the proper level. The cement is brought to the charging hopper from the various sheds by Mathews gravity roller conveyors. Wood pallets with a capacity of 3 sacks each (enough for one batch) are provided for this purpose. The empty sacks are shaken, counted and tied in bundles of 50 each and are stored near the cement sheds for ultimate return to the mill.

Water is supplied from city mains and is measured by means of a tilting barrel conveniently located on the mixing platform. The flow of water is controlled by means of a quick acting valve located at the barrel. The charging hopper when filled with the proper charge of material for the batch, discharges into a 3-yard Smith tilting mixer, operated by a Orr and Sombrower 10 h. p. vertical engine geared direct to the mixer and supplied with steam from the main boiler, where it is properly mixed.

Distribution

The batch is discharged into the hoist bucket and elevated in the main tower "A" a distance of approximately 150 feet to a receiving hopper. A 10-inch by 10-inch single-drum McMyler mine hoist is used for hoisting the concrete. This main tower has a second receiving hopper located part way to the top which, as the work progresses, may be raised by means of a winch located at the tower base. This hopper discharges into a floor hopper through a 100-foot section of Lakewood trussed steel chute jointed in the center and supported from the tower by steel cables, which is used to deposit concrete to the area immediately adjacent to the mixer. The concrete from the top hopper is spouted to a second receiving hopper in tower "B," some 155 feet distant, by means of a line chute with a fall of 4 inches to the foot, supported by block and tackle from a steel cable strung between the two towers. It is then distributed to the various locations by means of an adjustable section of chute 100 feet long, jointed in the center and supported by cables from the top of tower "B." Lakewood chutes are used throughout in this equipment; these are semi-circular in section and have a ra-

dus of 7½ inches. Swivel joints and splash hoods are provided where necessary to insure the flexibility of the operation and to prevent loss of materials.

The towers are of wood, 9 feet square and are built of 6-inch by 6-inch posts 2-inch by 10-inch l-diggers and 2-inch by 8-inch cross braces, all securely spiked together in 7-foot bents and well guyed.

Daily Plant Capacity 350 Cubic Yards
As the specifications state that all concrete must be placed by hand, floor hoppers supported on platforms are provided at the end of each chute for loading the concrete into buggies. The layout calls for a maximum distance of 150 feet that concrete must be hauled.

This plant is designed with the idea of mixing and placing a maximum of 350 yards of concrete per eight-hour day. To supply the necessary amount of materials for this quantity of concrete there are required about 195 cubic yards of sand and 300 cubic yards of slag. This is the approximate capacity of the combined bins, so it is necessary to restock the bins at least once a day during the interval of continuous pouring. The cement sheds have a total capacity sufficient for from four to five days' continuous run at maximum capacity. The railroad company makes two switches a day, which is sufficient to keep the bins well stocked at all times.

Provision is made for preheating the sand and slag during freezing weather by means of steam coils inserted in the bins and supplied by the same boiler that furnishes steam to the hoisting engine and mixer.

Costs

It is estimated that through the use of this plant equipment the cost of stocking sand and slag has been reduced to approximately 3 cents and 1 cent per cubic yard, respectively, and that cement is handled for approximately 7 cents per barrel. Handling, mixing and placing costs for this concrete is in the neighborhood of 90 cents per cubic yard. This cost is somewhat higher than it would be were it possible to spout the concrete directly into the forms.

Five laborers are used to operate this plant back of the mixer, one tending the water, one each at the sand and slag shut off gates, and two handling the cement. Two engineers are required, one at the mixer and one on the hoist. There is also one laborer in the pit to keep it clean, while another is stationed in each tower during pouring to regulate the flow of concrete through the hoppers and chutes.

The use of this equipment does away with an additional force of 15 laborers behind the mixers, who would otherwise be engaged in handling the concrete materials. This means a saving of \$90 a day for an equivalent of 40 days' continuous pouring, or a total of \$3600. As the total cost of the equipment exclusive of possible salvage is in the neighborhood of \$10,000, this saving alone represents 36 per cent of the equipment cost. This saving is equivalent to 36 cents a cubic yard of concrete. The cost of this equipment per cubic yard of concrete is approximately \$1.00.

LOS ANGELES BUILDING FOR SEPTEMBER EXCEEDS TEN MILLION

Los Angeles building total for September, 1922, was \$10,267,894 as compared with \$11,523,891 for August and \$8,303,665 for September, 1921. Ordinary building operations made up the bulk of the total. Class A, B and C construction amounted to only \$3,165,039 and this included only two buildings over four stories in height, one of these being five in the other eight stories. Fifty-nine class C buildings, or to

State Engineer Warns Irrigation District Against Competing With P. G. & E. Co.

The letter reads: "It is the judgment of the commission that a mistake is being made in planning for any general distribution of power in competition with public service corporations."

Plans for distribution of Don Pedro power by the Modesto Irrigation District were given a definite setback when a letter was received by directors of the district from W. F. McClure, state engineer, saying that the state bonding commission frowned upon the proposal.

The district had applied to the commission for permission to issue bonds to \$1,000,000 for the purpose of buying the distribution lines of the Pacific Gas and Electric Co. in the district, which it had been planned to condemn.

Attorneys are at a variance in their interpretation of the part of the letter quoted. Some declare that it puts a definite end to all plans to distribute power until after the result of the condemnation suit of the Turlock district against the Pacific Gas and Electric Co. is determined. Others declare that this letter does not represent the final decision of the commission but is merely a forewarning of what may be expected by the Turlock district.

The Turlock district has announced plans to sell power outside the district to all corners in competition with the Pacific Gas and Electric Co. and has been vigorously seeking to get clients,

but thus far without any definite success. The Modesto district has been contenting itself for the present with plans to distribute within the district, and thus would not compete with the Pacific Gas and Electric in so broad a way. Both districts will get their power from the same source—Don Pedro dam.

Another part of the letter reads:

"This note, however, is to suggest the wisdom of the Modesto Irrigation District making an arrangement whereby no independent power line need be constructed from the dam to the Modesto territory, but that in event Turlock succeeds in securing the use of the present transmission lines of the Pacific Gas & Electric Co., you save the people of your district the cost of an independent line by connecting with the Turlock main distribution line by means of Pacific Gas & Electric lines."

This is taken as a warning that the two districts should unite in building their trunk line to the Don Pedro. When the Turlock board recently insisted upon having two-thirds of the power in determining affairs of the power line, the Modesto board withdrew with the announcement that it would build its own line from the dam. In building the dam the two districts had equal "say," although the Turlock district has twice as much land involved and pays twice as much towards the cost of the dam. It will also get twice as much power from the plant.

four stories, aggregated in value, \$1,392,171.

Including September, five of the nine months of the present year have produced a building total in excess of ten millions. February had the smallest total with a little over seven and a half millions. For the year to date the building total is \$89,313,053, an increase of \$34,189,687 over the corresponding period of 1921 of \$34,189,687. Los Angeles' total for 1922 has already passed the total for the entire year 1921, which was \$82,761,386. With three months to go indications now point to a total for 1922 around \$115,000,000.

Housing operations kept up remarkably strong during September, being exceeded only by those for August. These were represented by 1636 permits for dwellings, apartment houses and flats with an estimated valuation of \$6,185,745, or 38.3 per cent of the total number of permits and 60.2 per cent of the total valuation for the entire month. Accommodation for 2462 families are provided by housing operations started during September.

ENGINEERING COST OF IOWA HIGHWAYS

The percentage of engineering cost on the primary road system of Iowa in 1921 totaled 5.62, according to the Service Bulletin of the Iowa Highway Commission. This included cost of surveys, making of plans, location and inspection of materials, supervision of construction work and all overhead expenses including an allotted proportion of the expense of the highway commission. Percentage of engineering costs on the township system on the part of both the highway commission and the county engineers was 5.05. Of this percentage, expenditures covering cost of all engineering work done by the county engineers and their assistants was 4.22 of the total amount expended on this system. The percentage of engineering cost due to the maintenance of the state highway commission was .83.

WYOMING PRE-CAST CONCRETE PAVEMENT A SUCCESS

The pre-cast concrete pavement constructed in 1920 on the Casper-Salt Creek project of the State Highway Department of Wyoming, has proved a complete success, according to a statement by Mr. Z. E. Severson, state highway engineer, in the August issue of The Constructor. He states that the pavement has been under traffic about 18 months and still is in perfect condition, with no appreciable settlement at any of the joints, and no change in alignment. The Bureau of Public Roads recently completed a very careful examination of this work and their report is favorable in every way. The Wyoming State Highway Department has recently completed design for five additional miles of pavement of this type on this same project. The design embodies the results of experience on the 2800 feet of highway built in 1920.

BIDDING PRICES ON FEDERAL AID ROAD

Accepted bid prices on Federal aid roads averaged for the whole United States for the month of July are as follows: Common excavation, 35 cents per cubic yard; unclassified excavation 63 cents per cubic yard; and rock excavation, \$1.29 per cubic yard. The following prices per cubic yard are for surfacing material in place on the road: Gravel, \$1.65; sand clay, \$1.43; and crusher stone, \$2.72. Surfacing per sq. yd. in place other than road is as follows: Gravel, 50 cents; bituminous macadam, \$1.64; bituminous concrete \$2.40; plain cement concrete, \$2.09; brick, \$3.40. Reinforcing bars, 4½ cents per pound, and structural steel, 8 cents per pound, both in place.

San Francisco, at an election Nov. 21, will decide the question of issuing bonds of \$12,000,000 to finance construction of new schools and additions to standing structures and \$2,000,000 to construct new fireproof buildings at the Relief Home.

HIGHWAY CONFERENCE CALLED— METHODS OF TRAINING HIGH- WAY ENGINEER FOR MAXIMUM SERVICE TO BE STUDIED

The Highway Education Board, composed of government officials and executives from industry interested in the education of the highway engineer, have sent out a call for a national conference of leading educators, state highway officials, highway engineers, motor car producers and others, to be at Washington, D. C., October 26 to 28. Conference headquarters will be the New Willard Hotel.

The prime purpose of the conference, as set forth by Dr. John J. Tigert, U. S. Commissioner of Education, chairman of the Board, is to discuss methods of educating the highway engineer in order that he may render maximum service to the state and nation in the construction of suitable and durable roads at minimum expense. This, it is believed, can be accomplished only through campaign of education. Government and state officials are now planning a system of Federal aid highways covering the entire United States and including 180,000 miles of the most important roads in the country. The need for trained engineers to build this mileage is urgent, and it is the purpose of the conference to discuss all phases of the highway engineer's education with a view to aiding schools of engineering in providing the most useful courses of training possible.

The highway engineer of today is virtually a new product of the rapid growth of motor transport and the resultant necessity of suitable highways. Road building in the U. S. is progressing, and projected for the immediate future, at a rate never before approached in any period of the world's history. Problems arising in this work cannot be met by following precedents, as there are no precedents to follow. It is the purpose of the Highway Education Board to effect, through the conference, a clearing house of ideas to aid the country's educational institutions in giving highway engineering students the latest developments in the new science.

The program of the three-day conference is now being made up. Invitations have been extended to many prominent in their respective fields to address the conference. A partial list of speakers and those expected to participate actively includes the following: Thomas H. MacDonald, chief of the Bureau of Public Roads, U. S. Department of Agriculture; A. J. Brosseau, president Mack Brothers Motor Car Co.; T. R. Agg, professor of highway engineering, Iowa State College of Agriculture and the Mechanic Arts; Arthur Blanchard, professor of highway engineering and highway transport, University of Michigan; C. J. Tilden, professor of engineering Mechanics, Yale University; Lewis W. McIntyre, assistant professor of civil engineering, University of Pittsburgh; George M. Graham, vice president, Chandler Motor Company; H. S. Firestone, president Firestone Tire and Rubber Company; Roy D. Chapin, president Hudson Motor Car Company and vice president of the National Automobile Chamber of Commerce; Dr. W. K. Hatt, director advisory board on highway research, National Research Council; Alvan Macauley, president Packard Motor Car Company; Dr. Charles S. Howe, president Case School of Applied Science; A. R. Hirst, Wisconsin state highway engineer; Charles J. Bennett, state highway commissioner of Connecticut; Dr. F. L. Bishop, dean of the School of Engineering, University of Pittsburgh.

N. Y. PUBLISHERS ISSUE BOOK ON CONCRETE FLOORS AND SIDE- WALKS

The Norman W. Henley Publishing Co., 6 W. 45th St., New York, announce the completion and distribution of a book on "Concrete Floors and Sidewalks," by A. A. Houghton, price \$75. The publication explains the molding of concrete floors and sidewalk units, with plain and ornamental surfaces, also the construction of plain and reinforced monolithic floors and sidewalks. Complete instructions are given for all classes of work, with illustrations of the easily constructed molds for diamond, hexagonal and octagonal floor tile.

The Observer.

(Continued from Page 1)

Fred H. Fowler has resigned from the U. S. Forest Service to open an office as consulting engineer in the Humboldt Bank Bldg., San Francisco. Fowler has been in the Forest Service twelve years and since 1913 has been district engineer for California and southwestern Nevada with additional duties as representative of the Federal Power Commission covering extensive western territory.

The 1900 Washer Co., Inc., manufacturing the Cataract Electric Clothes Washer, has opened a wholesale salesroom and service station at 71 New Montgomery street, San Francisco, with W. Lee Holmes, Western Sales Manager, in charge. The home office and factory is located in Binghamton, N. Y.

"Fully 80 per cent of the industry of San Francisco is conducted on the American Plan," Robert Newton Lynch, vice-president and manager of the San Francisco Chamber of Commerce, told members of the Commonwealth Club at a recent luncheon in the Palace Hotel.

The Pacific Lumber Company is about to operate its logging department electrically at Freshwater, Calif. It is also protecting smaller and second growth and planning reforestation.

Some union plasterers are better paid than some bank presidents, according to Herman Potter, president of the Illinois Manufacturers' Association. One contractor, he says, pays his plasterers \$2 an hour, a bonus of \$10 a day to keep them, or a total wage of \$26 a day.

Building permits issued in Vallejo for September totaled \$15,183 as compared with \$63,094 for the month of August. Total for year to date is \$629,512.

Fresno Board of Education will call election to vote bonds of \$2,000,000 to finance construction of a general high school, two junior high schools and six elementary school buildings.

Los Angeles county civil service commission announces an open competitive examination to be held Oct. 10 for architectural draftsman, salary \$160 to \$175 per month; also an examination to be held Oct. 11 for structural draftsman, salary \$180 to 190 per month. Application blanks may be obtained at room 1907, Hall of Records.

William J. Scott, Coplar Ave., Stockton, has been awarded a contract for the construction of a one-story concrete store building for E. L. Black, 417 E-Welch St., Stockton. It is to be erected on E-Welch street in Stockton. Contract price, \$43,189.

In addressing a meeting an architect said that it is only as architects plan well that contractors can build well. This same architect said that the contracting element has shown a disposition to laxness in its allegiance to the architect, and has, in many cases, allowed itself to be overawed by organized labor, by combings of material interests, and by other considerations directly affecting the cost of building.

The Stamp Electric Hoist Co. has established an office and works at 1509 Seventeenth street, San Francisco. The line manufactured by the company includes electric hoists, monorail hoists, small electric cranes and hand power cranes. Officers of the company are: C. E. Stamp, president; C. S. Somers, vice-president and engineer; F. F. Suman, sales manager and engineer and Wm. T. Burney, secretary and treasurer.

Peter McGill McLean, 78 years old, founder of the Gladding, McLean Co., manufacturers of clay products, died at the Fairmount Hotel, San Francisco, October 6. He was the father of Atholi McLean, former president of the San Francisco Chamber of Commerce and active in the business of the Gladding McLean Company.

The Sacramento County Highway Commission, created when the \$1,750,000 road bond issue was voted in 1916, will pass out of existence within the next few days. All construction has been completed and it only remains for the commissioners to pass in their resignations.

Edgar S. Slack, sales manager for the manufacturing department of San Quentin Prison, has extended an invitation to the Tehama County supervisors to inspect furniture made in that institution with a view to purchasing prison made materials for installation in the new courthouse at Red Bluff. It is estimated the supervisors can save \$10,000 by purchasing prison made furniture.

C. L. Lamping, vice president of the Northwestern National Bank, Portland, Ore., has resigned to become affiliated with the Jayne-Severance Lumber Co., which has headquarters in the Gasco building, Portland, and an eastern office in New York. Before being elected vice president of the Northwestern National Bank, Lamping was manager of the Portland branch of the Federal Reserve Bank.

The Los Angeles Lumber Products Steamship Company, an auxiliary of the Los Angeles Lumber Products Company, has incorporated with a capital stock of \$500,000.

Livingston, Alameda County, has been selected by the Panama Soap Co. as the site for its new plant. The plant will be erected near the Western Pacific Railroad.

The Parks Ballbearing Woodworking Machinery Co., of Cincinnati, has established an office at 500 First Avenue South, Seattle, with John Harrup in charge.

H. H. Winner Co., bank architects and engineers, announce the removal of their offices from the Cunard Bldg. to the Sharon Bldg., San Francisco.

O. M. Kellogg, manager of the E. K. Wood Lumber Company's mill at Bonanza, Wash., has retired and will make his home in Southern California.

Building News Section

APARTMENT HOUSES

Contractor Taking Sub-figures.
APARTMENTS Cost, \$500,000
SAN FRANCISCO, S E Powell and Sacramento.

Nine-story and basement Class "A" apartment house (Francesca Community Apts.).

Owner—Sacramento-Powell Co.
Architect—MacDonald and Couchot,
234 Pine St.

Contractor—MacDonald & Kahn, 130 Montgomery St.

To Be Done By Day's Work.
APARTMENTS Cost, \$21,000
SAN FRANCISCO, N Ellis St & W Hyde.
Three-story and basement reinforced concrete (12) apartments.

Owner—J. Greenback, 371 Waller St.

Plans Being Prepared.
APARTMENTS Cost, \$30,000
PALO ALTO, Santa Clara Co., Cal.
Frame and plaster bungalow court (10 2 and 4 room apartments).

Owner—City of Palo Alto.
Architect—Birge M. Clarke, 600 Embarcadero Road, Palo Alto.
Plans will be ready for figures in about 30 days.

Carpentry Work Contract Awarded—
Sub-Figures to be Taken Next Week.

APARTMENTS Cost, \$100,000
SAN FRANCISCO, SW Geary and Jones Streets.

Six-story and basement Class C steel and reinforced concrete store and apartment house (35 2 and 3-room apartments and 4 stores).
Owner—S. & G. Gump Realty Co.
Architect—Milton Latham, 452 Montgomery St., San Francisco.

Figures will be taken next week for the plumbing, plastering, painting and electrical wiring.

To Be Done By Day's Work.
APARTMENTS Cost, \$25,000
SAN FRANCISCO N Geary St. 182 W Hyde.

Five-story and basement concrete (23) apartments.
Owner—Daniel McKillop, 540 Cole St.
Architect—None.

Carpentry Work Contract Awarded—
Sub-Figures Being Taken.

APARTMENTS Cost, \$100,000
SAN FRANCISCO, SW Geary and Jones Streets.

Six-story and basement Class C steel and reinforced concrete store and apartment house (35 2 and 3-room apts. and 4 stores).
Owner—S. & G. Gump Realty Co.
Architect—Milton Latham, 452 Montgomery St., San Francisco.

The carpentry work was awarded to L. A. Hinson at approximately \$40,000. Figures will be taken this week for the plumbing, plastering, painting and electrical wiring.

Plans Being Prepared.
ADDITION Cost, \$40,000
SAN FRANCISCO, S W California and Laguna.

Three-story and basement frame and stucco addition to apartments.
Owner—J. Weisbaum.
Architect—C. O. Clausen, Hearst Bldg.

Contact Awarded.
APARTMENTS Cost, \$20,000
SAN FRANCISCO, N E Van Ness Ave. and Union.

Three-story and basement frame (12) apartments.
Owner—Seaman & Tyler, 1085 Mission St., San Francisco.
Contractor—Strand & Strand, 614 Broderick St., S. F.

Plans Being Prepared.
APARTMENTS Cost, \$50,000
SAN JOSE, Santa Clara Co., Cal. E-

Santa Clara St. bet. 14th and 15th Streets.

Two-story frame apartment house (8 apts.).

Owner—John Taylor of the Crown Tailoring Co., San Jose.

Architect—Wolfe & Higgins, Auzeirais Bldg., San Jose.

Plans Being Figured.
APT. HOUSE Cost, \$14,000
SAN FRANCISCO, 1053 Lombard St.

One-story frame and plaster addition to 2-story apartment house.

Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg.

Plans Being Prepared—Figures to be Taken in Two Weeks.
APARTMENTS Cost, \$20,000
SAN FRANCISCO, NW Grove and Cole Streets.

Three-story frame and plaster apartment house and garage (5 4-room apts.).

Owner—Withheld.
Architect—A. J. Horstman, Anglo Bldg. 16th & Mission Sts., San Francisco.

Completing Plans—Ready for Figures in About Three Weeks.
APARTMENTS Cost, \$200,000
SAN FRANCISCO, NE Sutter and Larkin Sts., 57½x87½.

Five-story and basement concrete apartment house and 3 stores (36 2-room apts.).
Owner—Wm. H. Woodfield Jr.
Architect—Wm. F. Gunnison, 1666 Golden Gate Ave., S. F.

Contract Awarded.
APARTMENTS Cost, \$10,520
OAKLAND, Alameda Co., Cal., N Rockwood, opp. Grand.

Two-story 12-room frame apartments.
Owner—D. De Benedetti.
Contractor—M. E. Hoper & Son, 1117 Webster St., Oakland.

LOS ANGELES, Cal.—Archts. Russell & Albaugh, 1196 Story Bldg., L. A., have been commissioned to prepare plans for an 8-story class A apt. house to be erected at Wilshire Blvd. and Carondelet St. for Wilshire-Carondelet Holding Co. The bldg. was originally designed as a 4-story class C structure. It will contain 376 rooms, 183 apts.; reinforced conc. constr., press. brick and cast stone exter., hardwood trim, marble and tile work, steam heating, 2 passenger elevators, wall beds \$700,000.

BANKS

Plans Being Prepared.
ALTERATIONS
SAN FRANCISCO, N W Pine & Montgomery.

Extensive alterations for bank.
Owner—Security Bank & Trust Co.
Architect—W. H. Weeks, 365 Pine St., San Francisco.

The contract for the vaults has been awarded to Hermann Safe Co., 216 Fremont St.

Plans Being Figured.
BANK, ETC. Cost, \$60,000
LOS ANGELES, Los Angeles Co., Cal. SE Avenue 56 and Pasadena Ave.

Two-story brick bank and office building.
Owner—Security Trust & Savings Bank
Architect—John and Donald B. Parkinson, 420 Title Ins. Bldg., L. A.

Plans Being Prepared.
BANK BLDG. Cost—
PORTERVILLE, Tulare Co., Cal.
Two-story fireproof bank bldg 60x120.
Owner—Home Bank of Porterville.
Architect—Antion Johnson, Kingsburg, Cal.

Construction will be started in about thirty days.

WHITTIER, L. A. Co., Cal.—Archts. John Parkinson and Donald B. Parkinson, 420 Title Insurance Bldg., report the new building for the First National Bank of Whittier will be six stories instead of 2-story and basement. Contracts have been awarded as follows: General contract to Meadonall & Driver, Douglas Bldg., L. A.; structural steel to Baker Iron Wks.; plumbing to Arthur Hess, and heating to Whittier Hardware Co. Total cost, exclusive of bank fixtures and equipment \$250,000.

BONDS

SANGER, Fresno Co., Cal.—Election will be called to vote bonds of \$95,000 for storm and sanitary sewer system; purchase of fire fighting equipment and erection of city hall and fire house.

TURLOCK, Stanislaus Co., Cal.—Election will be held to vote bonds of \$25,000 to finance const. of sewer disposal pipe from sewer farm to Chatham drain and to extend and improve sewer lines in city limits. Horace Hall, city eng.

MADERA, Madera Co., Cal.—The \$15,000 bond issue of Berenda School District sold for premium of \$604; proceeds will finance construction of a new school building.

HANFORD, Kings Co., Cal.—Until Oct. 23, bids will be received by the Supervisors for purchase of \$10,000 bond issue of Oakvale Elementary School District. Proceeds to finance school improvements.

HOLLISTER, San Benito Co., Cal.—Until November 8, bids will be received by the Supervisors for purchase of \$20,000 bond issue of Pacheco School District; proceeds of sale to finance construction of school building.

BLYTHE, Cal.—A joint election will be held Oct. 23, in the Palos Verde Joint Leave Dist., Riverside and Imperial counties to vote an issue of \$371,375.50 for construction of levees, ditches, channels, dikes, etc. H. C. Neuffer, engineer.

LOS ANGELES, Cal.—City Council has authorized the placing of the \$2,500,000 fire dept. bond issue on the ballot at election Nov. 7.

EUREKA, Nevada.—Election will be held Nov. 17 in Eureka county to vote bonds of \$90,000 to purchase site and erect new high school and dormitory. R. McCharles is county clerk.

SAN MATEO, San Mateo Co., Cal.—The \$80,000 bond issue to finance purchase and improvement of park property has been sold by City Trustees for premium of \$10,524.

SAN FRANCISCO.—Nov. 21 is date set for Supervisors to vote bonds of \$12,000,000 to finance construction of new schools and additions to standing structures and \$2,000,000 for new fireproof building at Relief Home. John Reid, Jr., First National Bank Bldg., is city architect.

TURLOCK, Stanislaus Co., Cal.—The Chamber of Commerce endorses movement to purchase the old high school and site for a civic center and auditorium. The purchase price to be in the neighborhood of \$15,000.

EAGLE ROCK, Cal.—A \$8,000 bond issue will be submitted soon to install new 4-in. water mains, 123 fire hydrants; also \$60,000 for sinking two more wells, constructing large reser-

voir on Sagamore Hill, and the laying of a 12-in. main in Colorado Blvd., and one in the alley west of Central.

CHURCHES

Plans Being Prepared.
CHURCH Cost, \$150,000
SAN FRANCISCO, O'Farrell & Shannon Place.

Reinforced Concrete church.
Owner—Fifth Church of Christ Scientist.
Architect—Carl Werner, Santa Fe Bldg., San Francisco.

Contracts Awarded.
CHURCH Cost—
SAN FRANCISCO, Funtun Ave. and Clement St.

One-story and basement reinforced concrete church.
Owner—Fourth Church of Christ Scientist.
Architect—Carl Werner, Humboldt Bk. Bldg., San Francisco.

Concrete Work—Mission Concrete Co., Call Bldg., S. F., \$31,000.

Carpentry Work—Ira W. Coburn, Hearst Bldg., S. F., \$31,272.

Plumbing—Wade & Miller, 3355 17th St. S. F., \$3,445.

Electrical Work—Frank J. Kline, 221 Oak St., San Francisco, \$3246.

Heating & Ventilating—Ideal Heating & Ventilating Company, 172 Erie St., S. F., \$5,031.

Painting & Tinting—A. C. Wacker, 1370 Sutter St., S. F., \$4065.

Plastering & Metal Lath—A. J. Hillam, 361 12th St., Oakland, \$28,870.

Contract Awarded.
CHURCH Cost, \$80,000
FOWLER, Fresno Co., Cal.
Frame and plaster church with Spanish tile roof.
Owner—Presbyterian Church.
Architect—E. W. Peterson, Cory Bldg., Fresno.
Contractor—Anton Johnson Co., Kingsburg, Cal.

TACOMA, Wash.—Architects Cram & Ferguson, Boston, Mass., are completing preliminary plans for the \$250,000 First Presbyterian Church to be erected in Tacoma. Funds for the structure are available. Auditorium will seat 1500; chapel seating 150. Plans will provide for new parish house. Rev. Clarence W. Weyer is pastor.

SONOMA, Sonoma Co., Cal.—Immediate construction will be started on a new church building for St. Francis Parish at Sonoma. The old edifice was recently destroyed by fire. The new building will be of stone or concrete construction. J. J. Byrne, is pastor.

MARYSVILLE, Yuba Co., Cal.—Repairs consisting of \$10,000 will be made to the Marysville Presbyterian Church. Bids will be asked immediately to install a furnace and heating system, new windows, interior painting and organ repairs.

LOS ANGELES, Cal.—Archts. Johnson, Kaufmann & Coate, 608 Union Bank Bldg., L. A., are preparing revised plans for the cathedral and parish house to be erected on Figueroa St. near 6th St., for St. Paul's Pro-Cathedral. Brick and steel constr. stucco and Tufa stone exter., Clay tile r/g. etc.; \$400,000.

PALO ALTO, Santa Clara Co., Cal.—Baptist Church, Rev. Geo. A. Pollard, Pastor, will construct a \$3,000 addition to the present building to house Sunday School rooms with basement and heating plant.

LONG BEACH, Los Angeles Co., Cal.—J. W. Davison, 361 E. Walnut St., Long Beach, was awarded the general contract only at about \$60,636 for erecting the superstructure of the new Immanuel Baptist Church at the north-east corner of Eliot St. and Oblispo Ave., Long Beach. Foundation, 96x123 ft., is completed. W. Horace Austin, 222 1st National Bank Bldg., Long Beach is the Architect. Two stories, brick construction, tile roof, hardwood floors, 24 rooms, divided into auditorium, Sunday school, room, cloak rooms, study; plumbing, wiring and heating contracts not let.

FACTORIES & WAREHOUSES

Segregated Figures Being Taken.
LOFT BLDG. Cost, \$—
SAN FRANCISCO S Sheridan St. 155 W Ninth St.
One-story brick loft building
Owner—Wintheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Contracts Awarded.
LOFT BUILDING Cost, \$59,000
SAN FRANCISCO, Fremont, bet. Howard and Folsom St.
Two-story brick and concrete loft bldg.
137-6x137-6.
Owner—Lothlin Realty Co.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.

Lessee—Callahan & Son.
General work to Louis Hinson, 1228 Grove St., S. F., \$33,000.

Brick work to Emil Hogberg, 180 Jesse St., S. F., \$21,000.

Elevators to Spencer Elevator Co., 166 7th St., \$50,000.

Sub-figures Being Taken.
BUILDING Cost, \$250,000
SAN FRANCISCO, Turk, Eddy, Pierce & Steiner Bldg.

Several one and two-story and basement reinforced concrete offices, lecture and workshops.

Lessee—Foster & Kleiser, 287 Valencia (sign painter).

Owner—MacDonald & Kahn, 130 Montgomery.

Architect—Weeks & Day, Cal. Ins. Bldg.
Contractor—MacDonald & Kahn, 130 Montgomery St.

The site is now being cleared.

Plans Complete.
CONDENSERY PLANT Cost, \$75,000
TRACY, San Joaquin Co., Cal.
Reinforced concrete milk condensery plant.

Owner—General Milk Co. of California.
Architect—A. J. Mazurette, 1002 H St., Modesto.

Bids Opened.
WAREHOUSE Cost, \$60,000
SAN FRANCISCO, Townsend St.

Two-story reinforced concrete warehouse, 86x250 (Sprinkler system & elevator).

Owner—Simon Bros., 150 Townsend St., San Francisco.

Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Barrett & Help, 918 Harrison St., S. F. \$43,492, deduct \$300 for salvage.

F. L. Hansen, \$43,775
Vukicevich & Bagge 44,985
Deduct \$870 for salvage.

American Concrete Co., 45,372
Matt V. Brady, \$9,919

Plans Being Figured—Bids Close Oct. 12, 1922, Noon.

SHOPS Cost—
SAN FRANCISCO, South Drive, Golden Gate Park.

General construction of shops & sheds.
Owner—Board of Park Commissioners, Park Lodge, G. G. Park.

See call for bids under official proposals.

Contract Awarded—Grading Bids Wanted.

MACHINE SHOP Cost, \$25,000
SAN FRANCISCO S Howard St. bet 4th and 5th Sts.

Two-story Class C machine shop.
Owner—A. J. Pahl.
Architect—Powers & Ahnden, 460 Montgomery St., San Francisco.

Contractor—Vengano Co. 53 Sutter St., San Francisco.

HOOD RIVER, Ore.—Directors of Hood River Creamery Co. are taking bids to construct a one-story concrete creamery, 50x100 feet. Contract for excavating awarded to T. D. Calkins. Hood River. Building will cost \$20,000.

SANTA ROSA, Sonoma Co., Cal.—Failure to secure sufficient votes in the city council to place on the Nov. 7 ballot the proposition to vote bonds of \$50,000 for a municipal paving plant, has caused temporary abandonment of the project.

FRESNO, Fresno Co., Cal.—Peoples Ice Co., 3025 S Broadway, Fresno, has started construction of a \$100,000 addition to its plant at Woodward St. and Anna Ave., near Broadway in Fresno. The building will be 151x101, with a height of 51 ft. The addition will add 15,000 tons capacity.

FLATS

Contract Awarded.
FLATS Cost, \$10,000
SAN FRANCISCO E Pierce 66 S Green.
Two-story & basement frame (2) flats.
Owner—A. D. Disston, Hearst Bldg.

Architect—C. O. Clausen, Hearst Bldg.
Contractor—Cameron & Disston, Hearst Building.

Contract Awarded.
FLATS Cost, \$29,090
SAN FRANCISCO, N Union 125 E Broderick

Two-story frame flat bldg.
Owner—Anne M. Lacy, Sydney Lacy & Lyman Lacy, 2625 Union St.

Contractor—W. W. Rednall, 180 Jesse

Plans Complete
FLATS Cost, \$9500 each
SAN FRANCISCO, W 21st Ave. 65 N Geary St.

Two 2-story and basement frame flat bldgs. (2 flats each).

Owner—M. J. Piconi, 825 Monadnock Bldg., San Francisco.

Architect—J. C. Hladik, Monadnock bldg. San Francisco.

Contract Awarded
FLATS Cost, \$12,356
SAN FRANCISCO, N W Franklin & Chestnut Streets.

Two-story & basement frame (2) flats.
Owner—Anelia Marland and Leonore A. Scue, 216 California St.

Architect—T. Paterson Ross, 310 California Street.

Contractor—Fred Miller, 225 Dolores St.

Low Bidder.
FLATS Cost, Approx. \$13,000
SAN FRANCISCO, 15th near Cabrillo.

Two-story frame and plaster flat building (two 6-room flats and basement garage)

Owner—George Devine.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Low Bidder—A. Magnuson, 221 Noe St. and A. Peterson, 662 Clayton St.

GARAGES

Plans Being Prepared—Figures to Be Taken in a Few Days.

GARAGE Cost, \$12,000
SAN FRANCISCO, 14th St. east of Mission St.

One-story reinforced concrete garage.
Owner—Abe Perley.

Architect—H. C. Baumann.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Sub-contracts Awarded.
GARAGE Cost, \$25,000
SAN FRANCISCO, S O'Farrell 137-6 E Steiner Street.

Two-story reinforced concrete public garage.

Owner—Jos. Pasqualetti, 785 Market St., San Francisco.

Architect—None.
Reinforcing material to Edw. L. Soule Co., Riato Bldg.

Glass to Friedman Bros., 461 Valencia Street.

Lumber to Loop Lumber Co.

GOVERNMENT WORK AND SUPPLIES

Sketches Prepared.
ADDITION Cost, \$55,000
SAN FRANCISCO, Presidio of S. F.

Two-story hotel, ward and clinic addition to Letterman General Hospital.
Owner—U. S. Government.
Architect—Construction Quartermaster Dept. F. Mason.
Preliminary sketches have been sent to Washington for approval.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, has cancelled Specification No. 4703 providing for fuel oil storage project at the Mare Island Navy Yard.

WASHINGTON, D. C.—Leander LeBeck, 33 W. Bond St., Astoria, Ore., at \$25,000 awarded cont. by supervising Architect's Office, Treasury Department, to repair wharf at quarantine station, on Columbia River, Astoria, Ore.

SAN FRANCISCO—Bids were recently received by Mr. Roberts, Superintendent of Construction, Post Office Bldg., for installing vault in the mint at Fifth and Mission streets, San Francisco. Bids were referred to Washington for award.

Brick and Concrete Work
John Morton.....\$2332
Thos. F. Mulcahy.....3444
Vault Doors and Vestibule
Herman Safe Co.....\$ 750
Herring Hall Marvin Safe Co.....1110

WASHINGTON, D. C.—Warrack Construction Co., 1428 N-34th St., Seattle, Wn., at \$110,300, submits only Supervising Architect's Office, Treasury Department, to construct federal building at Cordova, Alaska. Taken under advisement.

WASHINGTON, D. C.—Following specifications are being prepared by the Bureau of Yards and Docks, Navy Department, of interest to Pacific Coast bidders:

Spec. 4734, San Diego, Cal., coaling plant and rebuilding quarters C.
Spec. 4737, San Diego, Cal., marine barracks, covering railroad track.
Spec. 4740, Puget Sound, Wash., elevator in pattern shop extension.
Spec. 4741, San Diego, Cal., garage, sewer, pavement and fence.
Spec. 4742, Mare Island, second extension to shell house and magazine.
Spec. 4744, Keyport, Wash., extension to torpedo storage building.
Further mention will be made of these projects when bids are desired.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, is preparing specification No. 4735 for the construction of a refrigerating and ice-making plant at Pearl Harbor. Prospective bidders may file applications for plans which must be accompanied by check or postal money order for \$10. Address Bureau of Yards and Docks, Navy Department, Washington, D. C.

WASHINGTON, D. C.—An appropriation of \$100,000 for preliminary work on the Alameda Naval base site is included in the Navy Department's budget. Legislative action on the appropriation will come up at the next session of Congress.

SAN FRANCISCO.—Until Oct. 12, 10 a. m., bids will be rec. by Quartermaster Supply Officer, Fort Mason, under Circular No. 23-12, for fur and del. leather belting; brass rods; paint brushes; carbon brush; chisels; non-metallic flexible conduit; sheet copper; lamp cord; 900 lbs. electrolyte; 730 sq. ft. vulcanized fibre; steel butt hinges; 24 electric incandescent lamps; fuse links; 2000 ft. rawhide belt lacing; linseed oil; paints; paint and varnish remover; slane tool; steel; insulating tape; 1163 ft. copper tubing; 1000 ft. copper wire; wrenches; and 750 parts for "Exide" storage battery.

WASHINGTON, D. C.—Bids were opened on Oct. 11 by the Bureau of Yards and Docks in Washington for remodeling barracks building, No. 53, at the Marine Reservation, Navy Yards, Mare Island, Cal. under spec. No. 4601. The lowest bid was submitted by F. H. Warren, of Vallejo, at \$23,350. Limit, 120 days.

HALLS AND SOCIETY BUILDINGS

Plans to Be Ready for Figures in About Two Weeks.

LODGE BLDG. Cost, \$250,000.
SANTA ROSA, Sonoma Co., Cal. A St. bet. 4th and 5th Sts.
Three-story reinforced concrete lodge building.

Owner—Santa Rosa Lodge of Elks.
Architect—Shea & Shea, Chronicle Bldg. San Francisco.

Plans Being Figured—Bids Close About October 14.

ADDITION. Cost, \$100,000.
SAN FRANCISCO, N. Oak Street W Van Ness Avenue.
Three-story reinforced concrete addition adjoining present lodge bldg.
Owner—Young Men's Institute.
Architect—Shea & Shea, Chronicle Bldg. San Francisco.

CULVER CITY, L. A. Co., Cal.—Bushnell & Palmer, 517 Grosse Bldg., L. A., are preparing plans and have the cont. to erect a health farm and sanitarium at Culver City, for the Vista Delmar Health Farm Co. Hotel; 300 rms. each with bath; 3-stories to have 5 wings, 40x100 ft. each, connected with lobby, smoking room, etc.; bath house, 2-stories, 10x60 ft.; inclosed swimming tank, 40x100 ft.; dining room bldg., 1-story, 60x100 ft.; nine 3-room cottages, 20x32 ft.; garage, 1-story, 40x90 ft.; dairy barn, 1-story, 50x60 ft.; glass covered

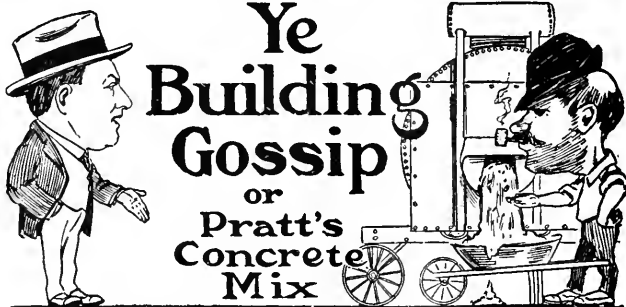
conservatory, 20x60 ft.; all bldgs. to be frame and plas. constr., tile and comp. rfg., steam htg. system in hotel, conc. hardwood and O. P. fls., tile baths, orn. hardware and wrought iron, unit water hgt. system, gas rad. htg., conc. walks and drives, landscaping; \$450,000.

HOSPITALS

Plans Approved—Bids to be Asked Shortly.

HOSPITAL. Cost, \$46,000.
MERCED, Merced Co., Cal.
25-room hospital building.
Owner—Merced Hospital (An association of Doctors), Merced, Cal.
Architect—I. E. Hoover, Placita, Cal.

Plans Being Figured. Cost, \$65,000.
HOSPITAL. Los Angeles Co., Cal., Glendale Blvd. at Waverly Ave.
Three-story Class A hospital, 100x46.
Owner—Merrill Corp., 800 Ferguson Bldg., Los Angeles.



NOTE—The San Francisco Chronicle of Tuesday, October 10th, 1922, published the telegram: Clarence Sand Pratt sent to Eddie Special Writer Boyden, the greatest indoor pen swinger in the world. Here are Eddie's exact words: "I received an urgent telegram this morning from Clarence F. Pratt, better known as 'Sandy' Pratt, the guy who has a lot of sand. Here is the wire: 'Please invite the bankers to Pratto, which is two miles from the Hotel Del Monte, where we have a bank of sand, and show them one bank that needs no deposit. Also bring to the attention of the 'dollar demons' that I am the sole and only 'teller' of Pratt's Sharp Sand, and, furthermore, say that I have the sand to compete with them all.' My only comment is that 'Sand' Pratt knew darn well that he would get his name in The Chronicle when he sent that telegram."

CLARENCE SAND Pratt, President.

OF THE Pratt Building Material Co.

DOUGLAS 360—"easy to remember."

THOUGHT HIS stuff was good.

AND HIS wife often said.

IT WAS wonderful.

BUT LITTLE did Clarence dream.

THAT EDDIE Chronicle Boyden.

WOULD PUBLISH the telegram.

WORD FOR word.

QUOTATION MARKS and all.

EDDIE'S WIFE told Clarence.

THAT SHE had a wonderful husband.

WHO COULD out-write.

OR OUT-EAT any human being.

ON THIS earth.

OR THE planet, Mars.

BUT CLARENCE Sand Pratt.

PRODUCER OF clean, sharp sand.

FOR PLASTERING, sand blasting, etc.

NEVER COULD believe.

THAT EDDIE was so bright.

THAT HE could detect any merit.

IN SANDY Pratt's near-comedy.

AND FOR this free advertising.

CLARENCE SAND Pratt never suspected.

THAT HE would.

PUT IT over.

SAYS TO Eddie Somewriter Boyden.

OF THE San Francisco Chronicle.

"I THANK you"



Mr. Amber Sand, President of the Bank of Sand, at Pratto, Monterey County, two miles from Hotel Del Monte, and his "teller" (telephone operator), Miss B. A. Dollar.

Architect—John J. Franenfelder, 1116 Story Bldg., Los Angeles.
Bids will be taken separately on general work, elevators and dumb waiter, kitchen equipment, silent call system, X-ray equipment, etc.

Working Drawing Being Prepared—Ready for Bids in One Month.
HEALTH CENTER BLDG. Cost, \$30,000. ALAMEDA, Alameda Co., Cal., S. Santa Clara between Oak and Walnut Sts. One-story reinforced concrete health center building.
Owner—City of Alameda.
Architect—Carl Werner, Santa Fe Bldg., San Francisco.

OAKLAND, Alameda Co., Cal.—Bids were opened on Oct. 9 by the Alameda County Supervisors for the erection and completion of additions and alterations to the Isolation Ward, etc., together with covered connecting walks, at the County Hospital, near San Leandro. The contract was awarded to E. J. Letter & Sons, 3601 West St., Oakland. Plans were prepared by Architect H. H. Meyers, Kohl Bldg., San Francisco. E. T. Letter & Son, \$48,887. M. E. Hooper & Sons, \$0,932. F. W. Maurice, \$2,900.

HOTELS

Plans Being Prepared.
LOS ANGELES, Cal., S W 5th & Main Streets.
12-story class A store and hotel bldg., 60x159, 300 rooms (addition to Roosevelt Hotel).
Owner—Hart Bros.
Architect—John & Donald B. Parkinson, Title Ins. Bldg., L. A.

ASTORIA, Ore.—Until Oct. 20, bids will be received by Architects Tourtelotte & Hummel, Failing Bldg., Portland, to construct \$250,000 hotel building. Separate bids are wanted for the general construction, plumbing, heating and electric wiring.

KINGSBURG, Fresno Co., Cal.—J. H. Palm, Kingsburg, at approximately \$10,000 awarded contract to construct two-story and 12-room addition to Hotel Stone.

POWER PLANTS

CALIFORNIA—California—Oregon Power Co., authorized by State Railroad Commission to use \$41,572 of proceeds of preferred stock issues previously approved to finance expenditures for additions, extensions and betterments.

SAN BERNARDINO COUNTY, Cal.—Plans for the development of an extensive hydro-electric project on the White Water river in San Bernardino county, on the watershed which divides Redlands from Indian on the Colorado desert have been filed with the State Railroad Commission by the San Geronimo Power Co., which seeks permission to undertake the project and issue securities to represent the project. The issue \$500,000 par value of its capital stock to buy the property of the Consolidated Reservoir and Power Company, which has carried on construction work on the White Watershed, and then to build two hydro-electric plants having a combined capacity of 2400 kilowatt hours.

PUBLIC BUILDINGS

Commissioned to Prepare Plans.
REPAIRS. Cost, \$25,000. SAN FRANCISCO, Civic Center.
Correct acoustic defects in auditorium.
Owner—City and Co. of San Francisco.
Architect—Ward & Blohme, 544 California St., S. F.

Plans Prepared—Funds Being Raised.
COMMUNITY HALL. Cost, \$10,000. CAMPBELL, Santa Clara Co., California. One-story frame and stucco library and community hall (two wings, 30x45 ft. each).
Owner—Organization of citizens.
Architect—H. W. Higbie, Porter Bldg., San Jose, Cal.

Construction To Start Immediately—Sub-contracts Awarded.
HALL. Cost, \$337,400. BERKELEY, Alameda Co., Cal., U. of C. Campus.

Two-story, basement and attic reinforced concrete hall (Havland Hall).
Owner—University of California.
Architect—John Galen Howard, 1st National Bank Bldg., San Francisco.
Contractor—K. D. Parker, Clunie Bldg., San Francisco.

The following sub-contracts have been awarded:
Excavating to Arris Knapp, 1041 38th St., Oakland.
Structural Steel—Union Construction Company, Oakland.

Tile Roofing—Gladding-McBean Co., Crocker Bldg., San Francisco.
Sheet Metal Work—Percy Sheet Metal Works, 340 Guerrero St., S. F.

Furring, Lathing and Plastering—MacGruer & Simpson, 226 Tehama St., San Francisco.

Plumbing and Heating—Carl T. Doell, 467 21st St., Oakland.

Electrical Work—Newbery, 359 Sutter St., San Francisco.

Glass Glazing—W. P. Fuller & Co., Beale and Mission Sts., S. F.

Marble—Jos. Musto Sons-Keenen Co., 535 North Point St., San Francisco.
Painting—Wm. Bernstein, Hearst Bldg., San Francisco.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, appropriates \$668 to finance preparation of plans for comfort station.

SAN RAFAEL, Marin Co., Cal.—Marin Feed and Fuel Co., San Rafael, awarded cont. by supervisors to furnish approx. 20,000 gals. crude oil for country farm and approx. 12,000 gals. for courthouse. Rob. E. Graham, county clerk.

ALAMEDA, Alameda Co., Cal.—Until Oct. 16, 6 p. m., bids will be rec. by W. E. Vance, city clerk, for purchase wrecking and removing wooden frame building at northwest corner of San Jose Ave. and Park St. Bond of \$500 req. of successful bidder.

HUNTINGTON BEACH, Cal.—Clark Bros., 5117 Hollywood Blvd., were low bidders at \$21,182 on the gen. contract for erecting a municipal auditorium at Huntington Beach; Walker & Eisen, 325 Pac. Finance Bldg., L. A., archts. low bidders on other contracts were: Ed. Manning on plumbing and heating at \$1497; R. E. McIntosh on wiring at \$1453.36; and R. E. Swan, Stimson Bldg., L. A., on painting at \$1260. Bids taken under advisement until next week. The bldg. will be brick constr., 100x83 ft., plas. ext., cast stone trim, tile rfg., pine trim, maple fls., open timber ceiling.

HUNTINGTON BEACH, Cal.—E. Kutzner, Huntington Beach, was low bidder at \$44,150 on the gen. cont. for erecting new city hall bldg. at Huntington Beach; Walker & Eisen, 325 Pac. Finance Bldg., L. A., archts. Low bidders on other contracts were: E. Kutzner on plumbing at \$4500; S. Hill & Son, Santa Ana, on heating at \$1687; Alhambra Val Paper & Pkg. Co. on painting at \$1968; and Woodill-Patterson Co. on wiring at \$1219. Bids taken under advisement until next week. The bldg. will be two-stories, malle. base and two wings, 75x126 ft., extreme dimensions, brick constr., plas. ext., cast stone trim, clay tile and comp. rfg., pine trim, oak and pine fls.

PALO ALTO, Santa Clara Co., Cal.—Bids were opened on Oct. 5 by the Library Board of the City of Palo Alto for fur. the required labor and materials for covering the main floor of the present and old building with linoleum or cork carpet in accordance with plans and specifications therefor by Birge M. Clark, architect.
D. N. and E. Walter Co., 562 Mission St., San Francisco, submitted the lowest bid. The next lowest bids were as follows. Palo Alto Furniture Co. and Van Fleet-Frees, of San Francisco.

DELHI, Cal.—Max E. Cook, Farmstead Engineer, Delhi Land Colony, announced that the advertising for the sale of the Delhi Colony for settlement. This unit contains 2700 acres and includes the Ballico townsite on the Santa

Fe which will be developed in the same manner as the Delhi townsite. In addition to a new station to be erected by the Santa Fe Railroad, more than \$600,000 will be expended in farm buildings.

SACRAMENTO, Cal.—Bids were received on October 9, 1932, by George B. McDougall, State Architect, Chief Division of Architecture, for the complete general work for the Superintendent's cottage, California School for Deaf and Blind, Berkeley. Bids were taken under advisement.
John M. Bartlett, 357 12th Old., \$8811.
P. J. Bertelsen, Oakland, \$9957.
M. C. Vaughn, Oakland, \$9500.
M. E. Hopper & Sons, Oakland, \$7390.
P. W. Maurice, Oakland, \$9940.
J. B. Brennan, Oakland, \$9990.
C. T. Deahl, \$9998.

SACRAMENTO, Cal.—Contracts have been awarded as follows by the State Department of Architecture: For installing a refrigerating plant at Agnew State Hospital, The Automatic Refrigerator Co. at \$12,952; automatic oil stove and draft control awarded to the Associated Engineering & Supply Co., Pacific Bldg., San Francisco, at \$1700.

RESIDENCES

Plans Being Prepared.
DWELLINGS. Cost, \$5000 ea. SAN FRANCISCO, 39th Ave. bet. Anza and Geary Sts.
Five 1-story frame dwellings.
Owner—Meyer Bros., 2354 Geary St.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Plans Being Prepared.
RESIDENCE. Cost, \$12,000. SAN FRANCISCO, Fulton St., bet. 12th and 13th Aves.
Two 2-story & basement frame & plas. residences.
Owner—Withheld.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Plans Being Figured.
RESIDENCE. Cost, \$12,000. OAKLAND, Alameda Co., Cal., Ashmont and Mandana Blvd.
Two story and basement frame & plas. residence (8 rooms and garage).
Owner—Withheld.
Architect—Chas. W. McCall, Central Bank Bldg.

Contract Awarded.
DWELLING. Cost, \$15,000. OAKLAND, W Lee St., 166 S Grand. Two-story 2-room dwelling.
Owner—Jos. T. Hinch, Federal Bldg., Oakland.

Contract Awarded.
DWELLING. Cost, \$10,000. BERKELEY, Alameda Co., Cal., No. 1 Orchard Way.
Two-story 8-room frame dwelling.
Owner—Ferguson.
Architect—W. T. Steilberger, 1 Panoramic Way, Berkeley.
Contractor—Tramall & Bradhoff, 483 Crescent St., Oakland.

Plans to Be Prepared.
DWELLINGS. Cost, \$150,000. OAKLAND, Alameda Co., Cal., 76 Lots on 69th Ave. N of E-14th St.
50 frame dwellings.
Owner—R. M. Marchant, 1235 E-12th St., Oakland.
Architect—Not Given.

Plans Being Prepared.
RESIDENCE. Cost, \$12,000. OAKLAND, Alameda Co., Cal., Lakeshore Knolls.
Two-story frame and plaster residence.
Owner—Mr. and Mrs. Tibbe.
Architect—H. H. Guttersen, 278 Post St., San Francisco.

Plans Being Prepared.
RESIDENCE. Cost, \$12,000. BERKELEY, Alameda Co., Cal.
Two-story frame and plaster residence (8 rooms).
Owner—E. Lipman.
Architect—H. H. Guttersen, 278 Post St., San Francisco.

Plans Being Prepared.
RESIDENCE. Cost, \$12,500. SAN FRANCISCO, Forest Hill.

Two-story frame and plaster residence
(3 rooms and garage).
Owner—Withheld.

Architect—O. R. Thayer, 110 Sutter St.

Plans Being Figured.

RESIDENCE Cost, \$8500

BERLINGAME, San Mateo Co., Cal.

Two-story frame and plaster residence

(7 rooms and separate garage).

Owner—Withheld.

Architect—O. R. Thayer, 110 Sutter St.

San Francisco.

Plans Completed.

RESIDENCE Cost, \$8,609

SAN FRANCISCO. E San Jose Avenue

bet. 24th and 29th Sts.

One and one-half-story 7-room frame

residence.

Owner—Wm. A. Newsum.

Architect—A. J. Horsman, Anglo Bldg

16th & Mission Sts., San Francisco.

Contract Awarded.

RESIDENCE Cost, \$18,000

SAN MATEO, San Mateo Co., Cal.

Two-story frame and plaster residence

and garage with tile roof (12

rooms).

Owner—Edw. H. Clark Jr.

Architect—John K. Dranner, 519 Cali-

fornia St., San Francisco.

Contractor—C. H. Bessett, 660 Market

St., San Francisco.

CLOVIS, Fresno Co., Cal.—Richard

North, president, First State Bank of

Clovis, has had plans prepared and con-

struction will be started shortly on a

\$20,000 residence in North Polasky Ave.

SCHOOLS

Segregated Figures Being Taken—Bids
close Nov. 6, 1922, 4:30 p. m.

AUDITORIUM Cost, \$100,000

OAKLAND, Alameda Co., Cal. Webster

and 48th Streets (Mosswood Junior

High School).

Reinforced concrete auditorium.

Owner—City of Oakland.

Architect—C. W. Dickey, 2149 Broad-

way, Oakland.

Contract Awarded.

SCHOOL Cost, \$17,700

OAKLAND, Alameda Co., Cal., 63rd St.

and San Pablo Ave.

Brick work for a one-story brick

school (Golden Gate Junior High

School).

Owner—City of Oakland.

Architect—C. W. Dickey, 2149 Broad-

way, Oakland.

Contractor—White & Gloor, Monadnock

Bldg., San Francisco.

Segregated Figures Being Taken—Bids

close Nov. 6, 1922, 4:30 p. m.

AUDITORIUM Cost, \$100,000

OAKLAND, Alameda Co., Cal. Webster

and 48th Streets (Mosswood Junior

High School).

Reinforced concrete auditorium.

Owner—City of Oakland.

Architect—C. W. Dickey, 2149 Broad-

way, Oakland.

See call for bids under official pro-

posals.

Bids to be called for Shortly.

SCIENCE HALL BLDG. Cost, \$200,000

SANTA CLARA, Santa Clara Co., Cal.

Two-story reinforced concrete Science

Hall Bldg.

Owner—University of Santa Clara.

Architect—J. J. Donovan, Pacific Bldg.,

Oakland.

WATSONVILLE, Santa Cruz Co., Cal.

Geo. W. Trask, 76 Sacramento St., San

Francisco, (agent for Durant Steel

Locker Co.), at \$1,144 awarded contract

by the Watsonville Union High School

District to install 200 steel dressing

room lockers, 15x15x36-in., double tier,

in groups of 20 with locks of padlock

type.

CHICO, Butte Co., Cal.—White &

Shulz, Chico, at \$2,151 submits only bid

to Chico High School District for the

plumbing in the proposed shop building

and \$3,712 for plumbing in the bleachers

on the athletic field. As

previously reported, the same contractors were low bidders to construct the shop building and bleachers, on their bids of \$23,187 and \$6,343 respectively. No contracts have been awarded.

LOS ANGELES, Cal.—Milwaukee Bldg Co., 315 Wright & Callender Bldg., L. A., has completed plans and has the contract at \$180,000 for a 2-story and 1st 2-story A bldg. at S. e. cor. of Figueroa St. and Santa Barbara Ave., L. A., for Jos. A. Rosenkrantz. It will be occupied by L. A. Automotive School. Six stores, garage and lots, 158x146 ft., reinforced concrete and hollow tile construction, plas. exter. cast stone trim, plate glass, fire escapes, comp. rfg., metal skylights, hollow tile partitions, elevator.

MIDWAY, Kern Co., Cal.—Williams Radiator Co., Los Angeles, at \$2460 awarded contract by Midway School District to install gas steam radiators in Midway school. Howard and Smitzer, Lakersfield, bid \$2540.

MERCED, Merced Co., Cal.—Until October 23, 8 P. M., segregated bids will be received by C. D. Martin, Clerk, Merced Union High School District, to construct a one-story reinforced concrete high school gymnasium. Estimated cost, \$35,000. W. J. Pedersen, Engineer, Shaffer Bldg., Merced, and Willson J. Wythe, Architect, 513 Central Bank Bldg., Oakland. See call for bids under official proposal section in this issue.

CHICO, Butte Co., Cal.—White & Shulz, First and Spruce Sts., Chico, at \$9058 awarded contract by Chico High School District to construct two units of bleacher seats at the high school

athletic field. Bids for the shop building have been rejected and this work will be done by day labor under the supervision of Arthur Atkinson, Architect and member of the faculty.

MILLBRAE, San Mateo Co., Cal.—Until October 25, 8 P. M., bids will be received by Peter Gouzenes, Clerk, Millbrae School District, to move two school buildings and make necessary repairs. Kuhn & Edwards, Associated Architects, 833 Market St., San Francisco. See call for bids under official proposal section in this issue.

OAKLAND, Alameda Co., Cal.—Bids were opened on Oct. 9 by the Board of Education of the City of Oakland for general work; brick and terra cotta and magnesite work on the Theodore Roosevelt high school. C. W. Dickey, 2149 Broadway, Oakland, architect. All bids were taken under advisement.

General Work
R. W. Littlefield, 351 12th St.,
Oakland \$365,300
W. G. Thornalley, Okd. 368,544
(1) \$2467
L. C. Vaughn, Oakland 378,925
(1) \$1500
Mange & Bergstrom, S. F. 380,000
(1) \$2450
Schuler & McDonald, Okd. 389,785
(1) \$1600

Brick Work
Herbert Beckwith, 323 Newton Ave.,
Oakland \$57,340
White & Gloor, S. F. 58,640
Menley & Collins, S. F. 59,600
Hock & Hufnagel, S. F. 62,450

Magnesite Work
Hoff Magnesite Co., Monadnock
Bldg., San Francisco \$14,250
Malott & Peterson, S. F. 15,837

ANNOUNCING

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matic Gear Cutting Machines.

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All of whom have been closely identified with the machine tool
industry for many years

SACRAMENTO, Cal.—Until Oct. 23, 5 p. m., bids will be rec. by Chas. C. Hughes, secy., Board of Education, to furnish and hang window and transom shades in high school at 34th and Y Sts.; bids to be based upon material of ecrú colored Holland linen with 1½-in. Hartshorn rollers on transoms throughout, except the auditorium. Spec. and further information may be had from secretary.

ALHAMBRA, Los Angeles Co., Cal.—North Pacific Constr. Co., 1202 Baker-Detwiler Bldg., has been awarded a contract at \$39,138 for all work complete for erecting a convent at Alhambra for the Carmelite Sisters; John C. Austin, 1125 Baker-Detwiler Bldg., Los Angeles, Architect. It will be two stories, Mission style, brick construction, stucco exterior, clay tile and on-pole position roofing, pine trim, plumbing, wiring and heating.

SANTA MARIA, Santa Barbara Co., Cal.—Thos. A. Cuthbertson & H. Treichel, 1766 12th Ave., San Francisco, were low bidders at \$60,178 on general contract for erecting new gymnasium at Santa Maria high school, Allison & Allison, 1405 Hibernian Bldg., L. A., architects. Low bidders on other contracts were: C. T. Bates, Santa Maria, on painting at \$3295; Bennett-Morgan-Hardware Co., on hardware at \$1500; Arthur Hess was the only bidder on heating at \$7250.

SAN MATEO, San Mateo Co., Cal.—J. C. Dillard, Reno, at \$7966 awarded contract for excavation and foundation work on the proposed Reno Junior High School. Other bidders, all of Reno, were: C. G. Sellman, \$8898; J. F. Hoffman, \$9855; C. K. Hill, \$10,329; Roy Burrows, \$10,000; and Housch and Belz, \$11,049. Bids to construct the building will be asked within the next few months. Geo. Ferris & Son, Colonial Bldg., Reno, are the architects.

PATTERSON, Stanislaus Co., Cal.—W. L. Knutsen and L. L. Engen, Patterson, at \$10,495 awarded contract to construct frame and stucco school for Patterson High School District. Structure to be completed in 75 days.

MODESTO, Stanislaus Co., Cal.—The Board of Education will select an architect shortly to prepare plans for the first unit of proposed Junior College to be erected in North Tenth St. First unit will cost \$30,000. A total of \$90,000 is available for construction.

SAN LORENZO, Alameda Co., Cal.—Bids were opened on October 9th, by the Board of Trustees of the San Lorenzo School District, for the construction of a sixteen-room frame school building with auditorium. Plans were prepared by Architect Henry C. Smith, Humboldt Bank Bldg., San Francisco. All bids were taken under advisement.

General Construction
School Auditor
 Ruegg Bros., Pacific Bldg., S. F., \$33,269 \$10,982
 McGinty & Son, Oakland \$3,329 12,190
 S. J. Bergeleson, Oakland \$4,329 19,925
 Monson Bros., S. F., \$5,560 12,460
 Wm. March, Oakland, \$5,565 12,800
 M. C. Vaughn, \$40,750 13,500

Heating
 J. A. Nelson, S. F., \$3691 \$748 \$540
 C. Petersen Co., S. F., 3896 766 500

Plumbing
 T. R. Catton, Berkeley \$2569
 Scott Co., 2380
 A. J. Silva, S. F., 2900

Contract Awarded
STORE BLDG. Cost, \$43,188
STOCKTON, San Joaquin Co., Cal. 12-Weber Street.
 One-story concrete store building, 12½ x 101.
 Owner—F. P. Mack, 417 E-Weber St., Stockton.
 Architect—None.
 Contractor—Wm. J. Scott, Poplar Ave., Stockton.

Contract Awarded.
ALTERATIONS Cost, \$10,000
SAN FRANCISCO, 30 Turk St.
 Alterations for restaurant.
 Owner—John Tate, 1010 Phelan Bldg.
 Contractor—Jay Dattie, 574 3rd Ave.

Ready for Figures October 16.
STORE BLDG. Cost, \$20,000
SAN FRANCISCO, N. Mission bet. 5th and 6th.
 Two-story and basement class C store and loft building.
 Owner—Smith O'Brien et al.
 Architect—Smith O'Brien, 742 Market.
 Bids will be taken for a general contract, plumbing, electrical work and painting.

Contract Awarded.
MERC. BLDG. Cost, \$25,000
SAN FRANCISCO, N. Folsom 175 W. 1st Street.
 Two-story and basement concrete mercantile building.
 Owner—A. A. Myers.
 Architect—L. Hyman, 68 Post St.
 Contractor—O. W. Britt, 1257 1st Ave.

Contract Awarded.
STORE BLDG. Cost, \$20,000
S. F., SAN FRANCISCO, S. Geary 57-6 E. Larkin Street.
 One-story and basement concrete store building.
 Owner—Morris Fox.
 Architect—Sylvain Schnaittacher, 235 Post St., San Francisco.
 Contractor—Wm. Martin, 180 Jessie St., San Francisco.

Plans Being Figured.
STORE \$7,500
SOUTH SAN FRANCISCO, San Mateo Co., Cal. Grand Street.
 One-story reinforced concrete store.
 Owner—Reginald McColgan.
 Architect—O'Brien Bros., 240 Montgomery St., San Francisco.

Plans Complete.
STORE BLDG. Cost, \$15,000
COLMA, San Mateo Co., Cal. San Pedro Avenue.
 Two-story frame store lodge and hall building.
 Owner—Withheld.
 Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Figures to Be Taken in Two Weeks.
STORE BLDG. Cost, \$20,000
SAN FRANCISCO, 12th Ave. & Clement Street.
 One-story frame and brick veneer store building (10 stores).
 Owner—E. Geiz.
 Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Plans to Be Prepared.
CONCRETE BLDG. Cost, \$150,000
SAN FRANCISCO, SW Seventh and Folsom Streets, 90x160.
 Four-story and basement concrete bldg.
 Owner—Louis H. Lurie, Mills Bldg., San Francisco.
 Architect—Not Selected.

Plans To Be Prepared.
STORE BLDG. Cost, \$45,000
BERKELEY, Alameda Co., Cal. Center Street.
 Two-story store, restaurant and hall bldg. 51x127 (ornam. terra cotta front).
 Owner—Harry Ennors.
 Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.

Contracts Awarded.
OFFICE BLDG. Cost —
REDWOOD CITY, San Mateo Co., Cal. Broadway and Hamilton Sts.
 One-story reinforced concrete class C office building.
 Owner—Calif. Pac. Title Insurance Co.
 Architect — G. Albert Lansburgh, 140 Montgomery St., San Francisco.
 Painting awarded to The Neal Co., 447 Ivy Ave., San Francisco, \$395.
 Glass — J. R. Crowe, 1055 Post St., San Francisco, \$1473.

Sheet Metal Work—Percy Sheet Metal Works, 340 Guerrero St., \$773.
Heating, Etc.—Atlas Heating & Ventilating Co., 557 4th St., S. F., \$1950.
Tile Work—A. G. Reed, 180 Jessie St., San Francisco, \$860.
Plumbing—E. Brand, \$691.
Electric Work—M. Ryan, Clunie Bldg., San Francisco, \$792.
Marble Work—American Marble & Moniac Co., 25 Columbus Sq., San Francisco, \$511.
Plastering—John R. Bickel, \$1300.
Ornamental Metal Work—Herman Hallensleben, 562 7th St., S. F., \$594.
 As reported before the concrete work was awarded to V. Pasale, 55 Ramona St., San Francisco at \$4840.

Plans Complete.
ALTERATIONS Cost, \$12,000
WATSONVILLE, Santa Cruz Co., Cal. 4th and Main Sts.
 Alter garage into 10 stores.
 Owner—W. H. Weeks.
 Architect—W. Weeks, 369 Pine St., San Francisco.

PORTLAND, Ore.—Hopkins and East, 801 Pittcock Block, represent Failing Estate which plans erection of ten-story reinforced concrete store and office building in block bounded by 5th, 6th, Taylor and Salmon streets. Two floors underground will be used for parking space accommodating 500 machines; stores on ground floor; auditorium in balcony with drop curtains for large or small audiences, in addition to 17 offices; six upper floors for offices. No architect has been selected to design the plans, as yet.

SAN FRANCISCO—All bids received for the lathing and plastering in connection with the construction of the Dawson Navigation Office Building, now being erected on the southeast corner of Main and Market streets, from plans prepared by Architects Bliss & Faville, Balboa Bldg., have been rejected. Lindgren Co., Monadnock Bldg., are the general contractors.

FRESNO, Fresno Co., Cal.—R. F. Felchin & Co., Bank of Italy Bldg., Fresno, announces a change in the plans for the new Feltz new Feltz building, an eight-story structure to be erected at St. Frontage, 175 ft., instead of for only 75 ft., with the balance three stories as originally planned. The additional work will cost \$206,000, making the total cost of the bldg. \$1,350,000. (43561) 1st report Feb. 24, 1921; 6th

STORES AND OFFICES

Plans Complete.
ALTERATIONS Cost, \$12,000
SAN FRANCISCO, 819-29 Clement St.
 Raise bldg. and add store in first floor.
 Owner—Mrs. Bertha Luther, San Jose.
 Architect—Philipp Schwerdt, 2920 Jackson St.

Contract Awarded.
ALTERATION Cost, \$12,000
OAKLAND, N. E. 14th St. 100 W. 86th Ave.
 Alterations and additions to bldg.
 Owner—Pacific Tel. & Tel. Co., Sheldon Bldg., San Francisco.
 Contractor—W. G. Thornalley, 357 12th St., Oakland.

A. E. Leitch Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

THEATRES

PORTLAND, Ore.—Architects Clausser & Clausen, Macley Bldg., are taking bids for a one-story concrete-masonry picture theatre and (4) store building to be erected for Tibbitts & Garrigus at 40th Ave. and Sandy Blvd. Seating capacity of 1000. Estimated cost, \$60,000.

HAYWARD, Alameda Co., Cal.—Messrs. Frankel & Horwitz, proprietors of the Hayward Theatre, are planning to make extensive alterations to the theatre. There will be 900 seats added, a new pipe organ, marquee, etc. A total of \$50,000 will be spent on the improvements.

Official Proposals

BIDS WANTED FOR AUDITORIUM

NOTICE TO CONTRACTORS

Office of the Secretary of the Board of Education of the City of Oakland. Sealed bids will be received by the Board of Education of the City of Oakland, City Hall, Oakland, California, until the 6th day of November, 1922, at 4:30 o'clock P. M., at which time said bids will be opened, for the erection and completion of a new building for the Mosswood School, of the Oakland School District and Oakland High School District, located at 48th and Webster Streets, Oakland, California.

Separate bids will be received for:
1. GENERAL WORK, including excavation and Grading, Concrete work, Brick and Terra Cotta, Carpenter work, Miscellaneous, Ornamental and Structural Iron work, Sheet Metal work, and Built-up Roofs.
2. LATHING AND PLASTERING.
3. PAINTING.
4. PLUMBING.
5. HEATING AND VENTILATING.
6. ELECTRICAL WORK.

Plans and specifications for said work are on file at the office of the Architect for the Board of Education, 2149 Broadway, Oakland, California. On a deposit of Twenty-five (\$25) Dollars, said plans and specifications may be had by any prospective bidder for one of the branches of the work above listed. These plans and specifications may be retained as follows:

1. General work, ten (10) days.
2. Lathing and Plastering, five (5) days.
3. Painting, five (5) days.
4. Plumbing work, seven (7) days.
5. Heating and Ventilating, seven (7) days.
6. Electric work, seven (7) days.

If the plans and specifications are not returned to the Architect within the time above specified, or are returned in a mutilated or damaged condition, the deposit will be forfeited and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Architect, and be signed by the bidder, accompanied by a certified check, certified by some responsible bank or banker, and made payable to J. W. Edgemond, Secretary of the Board of Education, to be retained by the said School District, as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand (\$5,000) Dollars, but for all bids of less than Fifty Thousand (\$50,000) Dollars, said check shall be for at least ten (10%) per cent of the amount of the bid. Each bid shall be accompanied by an affidavit executed on a form that can be obtained from the Architect.

Bids will be opened by the Board of said District, on the 6th day of November, 1922, 4:30 o'clock P. M., in the Board Room, 211 Second Floor of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

J. W. EDMOND,
Secretary of the Board of Education
of Oakland, California.

NOTICE TO CONTRACTORS

(Grass Valley Gymnasium)

Pursuant to an order made this 2nd day of October, 1922, Notice is Hereby Given by the Board of Trustees of the Grass Valley High School District County of Nevada, State of California, that bids will be received by said Board for the erection of certain work, as specified below for Gymnasium Building for High School at Grass Valley,

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

County of Nevada, State of California.

Plans and Specifications may be obtained from William Mosser and Florence G. Simpson, Associated Architects, Nevada Bank Building, San Francisco, California.

A deposit of Twenty Dollars (\$20) will be required for each set of plans and specifications.

Sealed bids will be received for General work.

All bids will be opened by the said Board of Trustees on the 20th day of October, 1922, at 8 o'clock P. M., at the Public Library Building, at Grass Valley.

All bids must be submitted on forms prepared by and which will be furnished on request by the Architects.

All bids must be sent or handed to the Clerk of said Board of Trustees on or before said hour and day and enclosed in sealed envelopes and marked on outside, "Bids for Gymnasium work for High School at Grass Valley, California."

All bids must be accompanied by cash, a bidder's bond, certified check, or a certificate of deposit, equal to ten per cent (10%) of the amount of bid and made payable to the President of the High School Board of Trustees, and to be returned to the party or parties whose bid or bids are not accepted, and to the party whose bid is accepted, upon his entering into a contract with the said Board as representing the High School District, and giving such bonds as may be required by law and the said Board of Trustees.

The Board of Trustees reserves the right to reject any and all bids, or any or all items of such bids, and to waive any informality in any bid received.

A. B. CHAMPION,
Clerk of the Board of Trustees of the Grass Valley High School District, County of Nevada, State of California.

BIDS WANTED FOR CANALS, PUMPING EQUIPMENT AND DITCH LINING

TRACY, San Joaquin Co., Cal.—Until Nov. 3, 11 a. m., bids will be rec. by Lynn O. Stark, sec'y, Naglee-Burk Irrigation District, 41 W. 6th St., for the following improvements:

Under Contract No. 2: (1) lump sum for furnishing labor and materials to shape and prepare canal banks for concrete lining; (2) furnishing material for placing 8476 lin. ft. conc. lining; (3) \$300 "extra work," including in general, an unknown amount of work directly involved in the project say cost plus percentage. Certified check of \$1000 payable to President of District required.

Under Contract No. 3 (1) furnishing labor and materials required to construct 3.2 miles of drainage laterals and 2600 ft. of main drainage canal construction; (2) furnishing materials for construction and installation of 18 in. of 18-in. rein. conc. pipe; (3) furnishing labor and materials to construct rein. conc. superstructure for installation of necessary pumping machinery and drainage equipment; (4) \$500 "extra work," including general unknown amount of work directly involved in the project say cost plus percentage. Certified check of \$1000 required payable to President of District.

Under Contract No. 4 (1) for furnishing and installation of following equipment: 1 12-in. double suction vertical centrifugal pump with bronze impeller, removable bronze rings, necessary suction inlet cones, pump shaft, shaft tubing and coupling for direct connected motor and companion flange on pump discharge nozzle to connect with 12-in. flanged check valve. 1 12-in. by 18-in. curved taper approx. 9-in. long of number 10 double riveted and dipped steel, one end flanged and other end hubbed to fit 18-in. rein. conc. pipe, 1 automatic lubricating attachment for pump, 1 30-n. p. 60 cycle 3 phase motor, 150 revolutions per min., 40 degree motor with remote control and automatic starting compensator with overload and underload relays, 1 float switch 3 1/2 k. w. 2200 volt of 44 volt transformers with necessary oil and hangers. The pump to be designed to deliver 4500 gals. per minute against 20 ft. head and of a guaranteed efficiency of at least 80 per cent to be tested after installation, also all necessary lighting fixtures, switches and cut-outs; (2) \$200 "extra work," including in general, an unknown amount of work directly involved in the project say cost plus percentage. Certified check \$300 payable to President of District required with each bid.

Plans and specifications for said work are on file in the office of the Secretary of District at Tracy.

NOTICE TO CONTRACTORS

Millbrae School District

Sealed bids will be received by the Clerk of the Millbrae School District, at his office in the Lomita Park School, San Mateo County, California, until the 25th day of October, 1922, at eight o'clock p. m. of said day, the day when said bids will be opened, for the moving of two School Buildings, replumbing same, necessary carpenter work, plumbing and drainage and other necessary repairs. These buildings are now owned and are proposed to be located at Lomita Park, San Mateo County, California, and are known as the Lomita Park School, and are bounded by Santa Helena Avenue, San Juan Avenue, San Antonio Avenue and Samselmo Avenue.

Plans and specifications for said work are on file in the office of the Clerk of the Board, and the office of Alfred Kuhn & Thomas Edwards, Associated Architects, 833 Market Street, San Francisco, California.

On deposit of five (\$5.00) dollars, complete sets of plans and specifications may be had by any prospective bidder.

These plans and specifications may be retained for a period of ten (10) days by the Contractors, but not later than the time set for opening the bids. If these plans and specifications are not returned within the said period, or if they be mutilated, the said deposit may be retained by the said School District as agreed and liquidated damages for said detention and mutilation. Bids must be received by said Board, obtained at the office of the Clerk of the Board, and be signed by the bidder, accompanied by a certified check for

QUANTITY SURVEYOR

and Valuation Engineer

Buildings and Engineering Works

ARTHUR PRIDDLE

693 Mission Street, at Third St.

San Francisco, Calif.

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at least ten per cent of the amount of the bid or proposal, certified to by some responsible bank or bankers of the state of California, and made payable to the Clerk of the Board, to be retained by said School District as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law.

Bids will be opened by the Board of said School District on the 25th day of October, 1922, at eight o'clock p. m., in the Loma Park School, San Mateo County, California.

The Board reserves the right to reject any or all bids.

PETER GOUZERNES,
Clerk of the Milbrae School District,
San Mateo County State of California.

First publication in the San Mateo Times October 3, 1922.

MERCED UNION HIGH SCHOOL

NOTICE TO CONTRACTORS

(Gymnasium Building)

THE BOARD OF TRUSTEES of the Merced Union High School District, Merced, California, will receive sealed proposals up until 8 o'clock p. m., Oct. 23rd, 1922, at the office of the Clerk in the High School building, Merced, California, at which time and place said bids will be opened and read in public, for furnishing the required labor and materials for, and erecting and completing the proposed new High School Gymnasium in accordance with the plans and specifications prepared therefor by W. E. Bedesen, Engineer, Shaffer Bldg., Merced, and Willson J. Wythe, Architect, 513 Central Bank Bldg., Stockton, associated. Bids will be received separately for the different parts of the work as follows:

- Contract No. 1.—For the excavating, concrete, masonry and all carpentry work.
- Contract No. 2.—For sheet metal work.
- Contract No. 3.—For the roofing, etc.
- Contract No. 4.—For composition roofing and composition shingles.
- Contract No. 5.—For plastering.
- Contract No. 6.—For painting.
- Contract No. 7.—For electric work.
- Contract No. 8.—For plumbing, sewerage, etc.

Cashier's or certified check or bidder's bond for an amount not less than five per cent of amount of bid shall accompany each proposal, drawn payable to the order of C. D. Martin, Clerk of the Board, as a guarantee that the bidder will within five days after being notified of the acceptance of his bid, enter into a contract with said High School Board in accordance with the same, and shall furnish the surety bonds, or other approved bonds, as required by the specifications.

Said check or bond to be forfeited to the said Union High School District should the bidder fail to execute contract and furnish bonds as above mentioned.

All bids to be made out on forms furnished by the Engineer.

Plans and specifications for all the above work may be seen at the office of the Engineer or at the office of the Architect, where they may be secured for bidding.

A deposit of Fifteen Dollars (\$15) will be required from all contractors receiving plans. Said deposit will be refunded to bidders when plans and specifications are returned in good condition within 5 days after the bids are opened.

The said High School Board reserves the right to reject any and all bids, and to waive any informality in any bid received.

By order of the Board of Trustees
Merced Union High School District,
Merced, Calif.

October 3, 1922.

By C. D. MARTIN, clerk

NOTICE TO CONTRACTORS

(Current Creek Road)

Sealed proposals for constructing the above-named National Forest Project located within the Nevada County, Nevada, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 881 Mills Building, San Francisco, California, until 2 o'clock p. m., on the 31st day of October, 1922, at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids, and none will be considered except those from contractors ascertained to be experienced and responsible. The project is located about 40 miles southwest of Ely and the length to be constructed is approximately 14.6 miles. The principal items of work are approximately as follows:

- Clearing and grubbing, 44.5 acres.
- Excavation, rock, 3000 cu. yds.
- Excavation, common, 45,000 cu. yds.
- Cement rubble masonry, 260 cu. yds.
- Concrete (alternate for cement rubble masonry), 260 cu. yds.
- Corrugated metal pipe, 2500 lin. ft.
- Trestle bridge material in place, including labor, iron, 2.4 M. M.
- Furrow ditch, 10,000 lin. ft.

The work embraced in this contract shall be started within fifteen days after the notice to start has been given by the contractor by the District Engineer, which notice will not be given until weather conditions render it practicable to prosecute the work to advantage. The work must be completed within 100 weather working days after said notice has been given.

The contract form and maps, plans, specifications and estimate of quantities may be examined by responsible contractors at the following addresses: 881 Mills Building, San Francisco, California.

District Engineer, Bureau of Public Roads, 406 Col. Hudson Bldg., Ogden, Utah.

At Engineer's Camp, Currant, Nye County, Nevada.

Nevada State Highway Commission, Carson City, Nevada.

Care of Forest Supervisor, Ely, Nevada.

The Bureau of Public Roads will furnish the corrugated metal pipe for pipe culverts. The Bureau also has available for loan to contractors on a rental basis, equipment as listed in the proposal sheets. Bidders will state in his bid the amount of government equipment that he will use during construction and the minimum rental period thereof. The estimated rental value deducted from the total of the construction items and award will be made on bid to best advantage to the Government.

Plans and specifications will be furnished contractors who contemplate bidding upon deposit of a certified check for \$10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and the instructions forming a part of the Specifications above referred to.

C. H. SWEETSER,
District Engineer.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock p. m., on November 3, 1922, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway No. 16, Tulare County, through Tipton (VI-Tul-4-D), about five-tenths (.5) mile in length, to be surfaced with asphalt concrete.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineer, Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Williams, Durand, Los Angeles, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any and all bids or to accept the one deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission
AUSTIN B. FLETCHER,
State Highway Engineer.
R. A. MURRAY, Secretary.
Issued October 9, 1922.

NOTICE TO CONTRACTORS

(McKinley School Addition)

Notice is hereby given that the Board of Education, Bakersfield City School District, City Hall, Bakersfield, California, will receive sealed proposals up to 7 p. m., of October 26th, 1922, for the erection and completion of a two-room brick and frame addition to the McKinley School Building, Bakersfield, California, in accordance with plans and specifications for same on file with the Clerk of said Board and open for the inspection of bidders. Copies of said plans and specifications may be had at the office of Charles H. Biggar, architect, Bank of Italy Bldg., Bakersfield, and the work will be done under his supervision. Each bid must be accompanied by a certified check for at least ten per cent of the amount bid, said check to be made payable to the Clerk of the Board of Education, Bakersfield City School District, and which be forfeited should the successful bidder fail to enter into contract for the erection and completion of the building, satisfactory to the said Board of Education. In addition thereto, bidders must furnish satisfactory bond in the amount of seventy-five per cent of the contract price. The Board reserves the right to reject any and all bids or to waive any informality in any bid received. Alternate bid for the construction of one room only, is also desired.

By order of the Board of Education, Bakersfield City School District, September 23, 1922.

HARRIET R. PEACOCK,
President

E. R. LONG, Clerk.

NOTICE TO CONTRACTORS

(Dormitory and Hospital Additions, Estimated Cost \$65,000)

Office of the Clerk of the Board of Supervisors, Alameda County, California.

Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County, at his office, until Monday, October 23, 1922, at 10 o'clock a. m. the day when said bids will be opened and the contract awarded for the construction of a two-story frame dormitory and also for alterations and additions to certain existing buildings in the County Hospital, near San Leandro, Alameda County, California.

Complete plans and specifications for work on file in the office of the Clerk in the Hall of the County Building in Oakland, where copies may be obtained by depositing twenty-five dollars. Contracts will be restricted as to the length of time bidders may be retained to ten days. Contractors failing to return said plans and specifications within said time limit will forfeit their deposit.

Each bid must be accompanied by a check for at least ten per cent of the amount of the bid or proposal, certified to by some responsible bank, and made payable to Geo. E. Gross, Clerk of the Board, or to be forfeited to the County of Alameda as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the contract.

The Board reserves the right to reject any and all bids.

GEO. E. GROSS,
Clerk of the Board of Supervisors of the County of Alameda
Dated: September 25, 1922.

Engineering News Section

BRIDGES, DAMS & HARBOR WORK

MERCED, Merced Co., Cal.—Until Oct. 23 bids will be rec. by supervisors to const. 3 bridges: one over Duck Slough on Merced-Chowchilla road; another on British Colony road, 2 miles west of Merced and another at point near Irwin. G. E. Winton, county surv.

RIVERSIDE, Cal.—Until 7:30 p. m., Oct. 19, bids will be rec. by trustees of the Coachella Valley Stormwater Dist., Riverside county, for completing the levee of flood Channel lying between engr's station 581+00 and 607+00; also completing flood channel bet. engr's stations 930+00 and 933+50. Plans and spec. on file at office of G. N. Adams, cons. engr., Ferguson Bldg., Los Angeles. Cert. chk. or bond, \$500. V. E. Skiles, clerk.

LOS ANGELES, Cal.—Ross Const. Co., Oschner Bldg., Sacramento (Van Nuys Hotel, Los Angeles), awarded contr. by harbor comm. at \$542,000 to const. Badger Ave. double leaf bascule bridge. The bridge was designed by the Straus Bascule Bridge Co., Chicago, and involv. 2270 tons structural steel and 100 tons incidental steel. Ross Company's time limit is 105 days. San Francisco Bridge bid \$525,000 with time limit of 330 days.

MERCED, Merced Co., Cal.—Until Oct. 23, 10 a. m., bids will be rec. by J. J. Thronton, county clerk, to const. 3 rein. conc. bridges. Bridge No. 36 on Hilmar-Irwin-Stevenson Road over Lateral 7 of Turlock Irrigation District Canal, and $\frac{1}{2}$ mile south of Hilmar; Bridge No. 37 on Merced-Chowchilla Road over Duck Slough, and 4 miles south of Merced; bridge No. 109, on Merced and Dugan ranch road over South Slough, 2 miles west of Merced. Cert. check 10% payable to chairman Board of Supervisors required with each bid. Deposit of \$10 required for plans obtainable from Co. Surv. G. E. Winton.

MARTINEZ, Contra Costa Co., Cal.—Dillon Point Development Co., Alf. R. Kelly, president and W. T. Duffy, secretary, will file application with the Contra Costa supervisors on Nov. 6 for authority to const. a toll bridge from Dillon Point, Solano county, across Carquinez Straits, to the nearest feasible point on the southerly or Contra Costa county side of the Straits. Will be approx. 3000 ft. in length and 30 ft. wide.

LOS ANGELES, Cal.—Until 11 a. m., Oct. 23, bids will be rec. by county supervisors of L. A. county flood control dist., for grading of a low water embankment levee in Santa Fernando valley, the volume of work to be approx. 25,000 to 30,000 cu. yds. of embankment of light material.

SAN ANDREAS, Calaveras Co., Cal.—Until Nov. 6, 3 p. m., bids will be rec. by A. W. Poe, county clerk, to const. rein. conc. bridge over creek running through the B. Rivers ranch, on road leading from Valley Springs to Bellota and also to const. a cattle runway on Rives place. Bids will also be res. to const. rein. conc. bridge over Willow Creek on road leading from San Andreas to Calaveritas. W. S. Coulter, co. surveyor.

MADERA, Madera Co., Cal.—Until Nov. 9, 2 p. m., bids will be rec. by L. W. Cooper, county clerk, to const. timber and concrete bridge over Berend slough. Spec. on file in office of clerk, J. O. Rue, county surveyor.

LOS ANGELES, Cal.—Until 11 a. m., Oct. 23, bids will be rec. by supervisors of L. A. county flood control district,

for the improvement of channel of San Antonio Wash in Los Angeles and San Bernardino counties

SEATTLE, Wn.—Three steel bridges will be constructed by King County this year, according to County Engineer Thos. R. Beeman; 200 ft. steel span over Snoqualmie on the new location of the Falls City-Duval road, will cost \$25,000 and is officially referred to as "Bridge 1811 A."; 170 ft. steel bridge to be known as "Carr bridge No. 827 A." across the Cedar river near Maple Valley, cost \$20,000; 150 ft. steel bridge spanning the Green river 12 mi. bridge Auburn to be known as the "Brooks bridge No. 325 A." cost \$10,000. The proposed \$50,000 bridge planned to span the Stuck river on the West Valley road will probably not be undertaken until 1924.

SAN ANDREAS, Calaveras Co., Cal.—A. S. Dixon, Jenny Lind, Cal., at \$1052 awarded contr. by supervisors to const. bridge on Milton-Copperopolis road.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, will ask bids immediately to const. rein. conc. bridge on Penitencia creek in Alum Rock Ave., 300 ft. east of junction of Penitencia road with Alum Rock Ave. Wm. Popp, city engineer.

WASHINGTON, D. C.—Chief of Engineers, U. S. Army, has authorized the District Engineer, Customhouse, San Francisco, to proceed with the rebuilding of the superstructure of earth training wall and constructing stone revetment at Richmond Harbor, Cal.

MODESTO, Stanislaus Co., Cal.—Contracts to const. 16 rein. conc. bridges awarded by supervisors as follows: Geo. J. Ulrich, 8in Dist. Two at \$11,200 and 4 in Dist. Three, at \$6475. Tunsen, Cotrell and Tunsen, engrs., bridges, 2 on Coffee road and one over Oakland District canal east of Claus at \$7425. R. A. Carson Co., at \$4736 awarded contract for bridge over Ryberg creek.

YUBA CITY, Sutter Co., Cal.—T. H. Polk, Chico, at \$2249 each awarded contract by supervisors to const. two conc. bridges over Overman canal in Rec. Dist. 2058. E. H. Martin, Oakland, bid \$2430 and \$2450. Eng. estimate, \$2231. Reclamation District will pay one-third of cost.

HAYWARD, Alameda Co., Cal.—Town Eng. Jesse E. Holly preparing estimates of cost to const. conc. bridge at Filbert and C Streets.

HANFORD, Kings Co., Cal.—County Surveyor Roy May preparing spec. for new bridge over Brownvale highway across north fork of Kings river.

Engineers and Contractors PLEASE NOTE

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REDWOOD CITY, San Mateo Co., Cal.—Bids will be rec. until Oct. 30, 1922, at 10 a. m., by the county clerk of San Mateo county for the construction of a levee on west side of Bay Shore highway between Union Oil Station and South San Francisco, to prevent storm waters overflowing highway; estimated cost, \$5000. Geo. A. Kneese is county surveyor. All bids received for the work on Oct. 2 were rejected.

CALISTOGA, Napa Co., Cal.—Bordwell and Zimmerman, Calistoga, at \$360 awarded cont. by trustees to const. conc foundations and abutments under north and center piers of Lincoln Ave. bridge.

IRRIGATION PROJECTS

SAN DIEGO, Cal.—City Council is conferring with Hydraulic Engr. H. N. Savage regarding flash gates for Barrett and Lower Otay reservoirs. The engr. states that 5,000,000 gals. of water will be saved this winter by the use of the gates.

PARADISE, Butte Co., Cal.—Pacific Tank and Pipe Co., 318 Market St., San Francisco, at \$15,140 awarded contr. by Paradise Irrigation District to replace 18,160 ft. of main canal with pipe line (hauling and distributing not included). Other bids: Coules and Johns, Stockton, \$63,990; Sacramento Pipe Works, Sacramento, \$57,452; W. C. Johnson for Western Pipe and Steel Co., San Francisco, \$59,957.10 with alternative bid on copper bearing steel, \$61,342.49; Redwood Mfg. Co., \$56,060.60 (hauling and distributing not included); Wilkins Draying Co., Sacramento, hauling and distributing \$19 a ton of steel pipe only. The district will haul and distribute pipe. L. M. Edwards is superintendent of district.

LINCOLN, Placer Co., Cal.—Funds are being raised for preliminary expenses in connection with the formation of the proposed Roseville Irrigation District. District will comprise about 45,000 acres, 30% of them being in Sacramento county. It is planned to obtain water from the Folsom dam of the Pacific Gas & Electric Company and from the Western States Gas and Electric Company at Placerville. Extensive ditching will have to be done to bring the water to the land to be irrigated, which lies between Whitney's Station and Lincoln.

LIGHTING SYSTEMS

BERKELEY, Alameda Co., Cal.—City Council, E. H. Hann, clerk, declares intention to install 150 inc. electroliers, transformers and tops, complete with underground conduits in University Ave. bet. Grove and Second Sts., and San Pablo Ave. bet. Fourth and Fifth city limits, 1911 Act. Protests Oct. 27. C. L. Huggins, city eng.

PLYTHE, Cal.—Work upon which bids will be opened about Nov. 1, 1922, by the Palo Verde Joint Levee Dist. of Riverside and Imperial counties, includes const. of shoofly levee, about 380,000 cu. yds., 15 acres clearing for shoofly levee; channel for river straightening approximately 247,200 cu. yds. and 126 acres of clearing. There will be additional work in channel straightening of approximately 300,000 cu. yds. and 200 acres of clearing to be contracted as soon as plans are complete. The Palo Verde Drainage Dist. will ask for bids within a month for excavation of ten miles of trunk drain. Plans and spec. can be seen or obtained from the levee and drainage dist., office Elythe, Cal.; H. C. Neuffer, chief engineer.

LOS ANGELES, Cal.—C. W. Sparks, 457 S. Lake St., submitted low bid to Board of Public Works at \$9781 to install ornamental lights complete in Berkshire Ave., bet. Kendall Ave. and Huntington Dr., north, and in portions of other streets. Other bids were: H. H. Walker, \$10,279; Newberry Elec. Co., \$10,878; So. Cal. Elec. Co., \$11,111; Paulson Constr. Co., \$12,731.

Paulson Constr. Co. submitted low bid to install ornamental lights complete in Grand Ave., bet. Ninth and Pico Sts. Other bids were: H. H. Walker, \$11,638; Newberry Elec. Co., \$11,111; C. W. Sparks, \$11,964.25; So. Cal. Elec. Co., \$12,100.

MODESTO, Stanislaus Co., Cal.—City Council, L. A. Love, clerk, declares intention to install Type No. 700 A. Little (conc.) electroliers in Poplar Ave., bet. Needham and Stoddard Sts. 1911 Act. Protests Oct. 25. Geo. H. Freitas, city eng.

MACHINERY

PORTLAND, Ore.—City Council will shortly ask bids to construct municipal incinerator and public works. A bid will be asked. Proposal No. 1 calls for a 100-ton unit in the present incinerator plant. This unit will probably be adopted. The proposal No. 2 calls for the erection of a 100-ton unit at a location other than the present incinerator plant; proposal No. 3 calls for the erection of a 200-ton unit in the present incinerator plant and proposal No. 4 is for a 200-ton unit at another location. The present incinerator has a capacity of 150 tons a day.

HANFORD, Kings Co., Cal.—Until Oct. 21, 2 p. m. bids will be rec. by W. J. Webber, clerk, Hanford Grammar School District for fur. one "parazonal" bar and three traveling rings. Spec. may be had from clerk.

Concern in Sydney is in the market for power plant machinery for telegraph and telephone purposes, high tension, hydro-electric, and other machinery for generation and distribution of electrical power, turbo generators for central electric power station use, high and low tension transformers and switchgear, motors and generators from fractional to 2000 horsepower, electric elevators, electric domestic apparatus, radiators, hot plates, kettles, storage batteries, alarm systems, ventilating plants for factories and buildings, electrical measuring instruments, refrigerators and refrigeration machinery, farm lighting plants, X-ray machines, electro-medical and dental equipment, radio valves, high speed telegraph systems. Communicate with Domestic Trade Dept., San Francisco Chamber of Commerce.

REEDLEY, Fresno Co., Cal.—Elby Machinery Co., 25 Main St., San Francisco at \$655 awarded cont. by Reedley Joint Union High School Dist. to fur. & install 1 Oliver No. 166-B hand planer in manual training department and to Harmon Rickard and McCone, 139 Townsend St., San Francisco, at \$10 for a guard for a Fay and McGee No. 330 circular saw. Marion Deneen is clerk of the district.

LONG BEACH, Cal.—City Council will ask bidders to submit plans and spec. for incinerator to be built in the extreme western section of the city, in the vicinity of Caspar. A bond fund of \$125,000 is available for the work.

LOS ANGELES, Cal.—Until 9 a. m., Oct. 11, bids will be rec. by City Planning Agent Thomas Oughton, 202 n. city hall annex, for five portable furnaces and five iron hand rollers. Spec. No. 530. Cert. chk. or bond, 10%, and affidavit of non-collusion.

PASADENA, Cal.—Bids received by city for gasoline and steam shovels were rejected and new bids will be asked.

LOS ANGELES, Cal.—Until 3 p. m., Oct. 21, bids will be rec. by Public Service Comm., 207 S. Broadway, for two centrifugal booster pump units and motors. Spec. No. 626.

Separate bids, same date for three only centrifugal pumps and motors Spec. No. 627. Jas. P. Vroman, secy

VALLEJO, Solano Co., Cal.—Until Oct. 17, 12 m., bids will be rec. by Alf E. Edgcombe, city clerk, for fur. and del. one 2-ton motor truck. Cert. chk. 10% payable to city required. Spec. may be had from clerk. T. D. Kilkenny, city engineer.

CHICO, Butte Co., Cal.—Recommendation made to Chico Union High School Board to install gas incinerator in new high school. No action taken.

LOS ANGELES, Cal.—Until 10 a. m., Oct. 20, bids will be rec. by Harbor Comm., 312 Byrne Bldg., for cast iron pipe. Spec. No. 425. Guy W. Wade, secretary.

SANTA BARBARA, Cal.—U. S. Cast Iron Pipe & Foundry Co. awarded contract at about \$50,000 for furnishing water pipe to city.

SACRAMENTO, Cal.—Until Oct. 23, 5 p. m., bids will be rec. by Chas. C. Hughes, secy Board of Education, 301 City Hall, for fur. one 1-ton motor truck equipped with self-starter.

REEDLEY, Fresno Co., Cal.—City Trustees contemplate installation of automatic fire alarm system.

RAILROADS

SANTA BARBARA CO., Cal.—Pacific Southwestern R. Railway Co. applies to State Railroad Commission to reissue and sell the capital stock of the company at par. The company, which is capitalized at \$100,000, will build a standard gauge line bet. Lompoc and White Hills in Santa Barbara county, a distance of 4 miles.

WASHINGTON, D. C.—Application filed with Interstate Commerce Commission by Staley System of Electrical Railroads to build 950 miles of line in Colorado, New Mexico and Arizona with 225 miles of branch lines. Projected road will start at Mexican border in Pima county, Ariz., and run northward through the San Juan basin.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

YUMA, Ariz.—New bids will be called for at once to const. 42 miles of highway bet. Wellton and Maricopa county line, according to Norman B. Conway, Yuma county highway commission engineer. This contract was awarded to Raymond Toohy at \$161,000, and he refused to sign contract or furnish bond. Thomas Maddock, Phoenix, state eng.

MERCED, Merced Co., Cal.—Until Oct. 23, 2 p. m., bids will be rec. by P. J. Thornton, county clerk, to improve roads in Rd. Imp. Dist. No. 3. Work includes widening of Adams Ave. and check 10% payable to Chairman Board of Supps. required. Plans on file in office of A. E. Cowell, engineer, Merced.

SANTA ANA, Cal.—Until 11 a. m., October 24, new bids will be received by county clerk J. M. Backs to const. concrete pavement on the San Juan Hot Springs Rd., 5th Dist., about \$880 per lineal foot of 16 ft. width at \$23.05 received October 3, rejected.

FRESNO, Fresno Co., Cal.—Thompson Bros., Divisadero and H streets, awarded contract by council to improve Mono street, between Van Ness and P street, grading, \$.0525; 3 1/2-in. asph. concrete base with 1 1/2-in. Warrantite-Bit. pavement, \$.2185; concrete curb, \$.65; concrete gutters, \$.33.

Thompson Bros. awarded contract to improve alley in Block 103, between Kern and Inyo streets, grading, \$.08; 8-in. concrete pavement, \$2.54 square feet.

SAN DIEGO, Cal.—Until 10 a. m., Oct. 24, bids will be rec. by supervisors to pave a portion of the county San Luis Key Road No. 2, San Diego county, with W. M. plastic composition pavement, or as an alternate, cem. concrete. J. B. McLees, clk. Cert. check, 5 per cent.

FAIRFIELD, Solano Co., Cal.—County Surv. F. A. Steiger making surveys to extend 20th St. to Washington St. in Vallejo, out to the Napa highway.

OAKLAND, Cal.—A cut of \$200,000 in the original estimate of the cost of widening 20th St. has been effected by Commissioner W. J. Baccus, who plans to cut 20 ft. from each side of 20th St., bet. Harrison Blvd. and San Pablo Ave. Original plan called for cutting 40 ft. from the south side of the street. The change suggested by Baccus eliminates the possibility of trouble with the San Pablo Hotel property or with the Southern Pacific tracks in the center of the street and can be accomplished at a material saving from the estimated \$800,000. W. W. Harmon, city eng.

OAKLAND, Cal.—Until Oct. 19, 12 m., bids will be rec. by E. K. Sturgis, city clerk, to improve portion of Bartlett St., by grading, const. conc. curbs and gutters, paving with asphalt macadam. 1911 Act. W. W. Harmon, city eng.

GLENDALE, Cal.—E. L. Fleming 1067 S. Boynton St., Glendale, submitted low bid to city council at \$15,507.92 to pave E. Wilson St., between Verdugo Rd. and Broadway, involv. 210 ft. grading at \$1.25 ft.; 1350 ft. curb at 50c ft.; 555 sq. ft. walk paving, 18c ft.; laying 1000 ft. 6-in. and 53 ft. 4-in. C. water pipe, \$2.00; 73,225 sq. ft. 3-in. oiled macadam at 10c ft. E. L. Ferry bid \$15,807.

TRACY, San Joaquin Co., Cal.—Until Oct. 26, 8:30 p. m., bids will be rec. by Geo. L. Freichs, city clerk, to imp. portions of North D. 8th and East 6th Sts., by grading, const. comb. conc. curbs and gutters; paving with 3 1/2-in. asph. conc. base with 1 1/2-in. Topeka topping, cuttings, water and sewer connections, sewer extensions and 1911 Act and Bond Act 1915. W. D. Harrington, city engineer.

SANTA ANA, Cal.—Wells & Bressler, 3 California Bank Bldg., Santa Ana, awarded contract by supervisors at \$9639.13 to pave approx. 4000 lin. ft. highway on Tustin Ave., bet. 4th and 7th Sts. Cr. walk furnishes curb valued at \$4448. Other bids were B. R. Ford, \$10,750; T. W. Oglesby, \$11,418.85; Charles Frisbie, \$12,591.

MARYSVILLE, Yuba Co., Cal.—Supervisors reject bids to grade and gravel Woodruff school house road. D. C. Hogue, Marysville, bid \$812 and Spencer D. Miller, Manteca, \$842. Work postponed until Spring. Leslie E. Crook, co. surveyor.

PHOENIX, Ariz.—S. B. Shumway has been awarded contract at \$68,687.11 to const. 15 miles federal standard road bet. Gila Bend and Picher. State furnishes cem., reinf. steel for bridge structures, and corr. iron pipe.

FRESNO, Fresno Co., Cal.—Until Nov. 6, 2 p. m., bids will be rec. by supervisors, D. M. Barnwell, clerk, to const. strip of highway from Camden to Larnear, 2 1/2 miles of asph. conc. pavement and the balance of oil macadam. Funds provided from special highway fund raised by direct tax levy.

Separate bids, same date, to const. 20 ft. wide pavement on Ventura Ave. from city limits to Fair Grounds. Chris. P. Jensen, Cory Bldg., county surv.

OAKLAND, Cal.—Until Oct. 19, 12 m., bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Bartlett St., by grading, const. conc. curbs and gutters, paving with oil macadam. 1911 Act. W. W. Harmon, city eng.

SAN ANSELMO, Marin Co., Cal.—Contract awarded to Harmon and Hayes, Pacific Bldg., San Francisco, at \$137,600 to const. main outfall sewer for Sanitary District No. 1 Marin County has been sub-let to Healey, Moore and McNear, 2030 High St. Oakland, C. C. Kennedy, Call Bldg., San Francisco, eng.

CALIFORNIA—Until Nov. 6, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to surface with asph. conc. 0.5 mile in Tulare county through Tipone. B. Fletcher, state highway eng. See call for bids under official proposal section in this issue.

Architects—Engineers— City and County Officials

How about bids wanted?

Are you satisfied with the bids you received on that last job?

Did you have competition—and plenty of it?
If not—why not?

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Building & Engineering News

LOS ANGELES, Cal.—Fairchild-Gilmore-Wilton Co., L. A. Ry. Bldg., Los Angeles, awarded contract by board of public works at \$86,557.60 to pave Maplewood Ave., bet. Western Ave. and Wilton Pl., involv. 318,511 sq. ft. grading to finish subgrade; 275.50 sq. ft. conc. paving; 57,470 sq. ft. bitum. paving, 5-in. thick; 201,941 sq. ft. bitum. paving, 4-in. thick; 362.9 sq. ft. curb; 14,551 sq. ft. conc. gutter. Engr's. est. \$64,503.61.

Fairchild-Gilmore-Wilton Co., awarded contract to pave Alma St., bet. 19th and 24th Sts., involv. 60,035 sq. ft. grad. to finish subgrade; 60,035 sq. ft. conc. pav.; 38,012 rough grading; 38,612 sq. ft. finish grad., oil, & roll; 102.65 ft. curb; 24.52 sq. ft. conc. gutter, sanitary sewer compl., \$6000. Engr's. est., \$27,967.57.

Fairchild-Gilmore-Wilton Co., awarded contract to pave at \$12,327.46 Loraine St., bet. Cambridge and 14th Sts., involv. 36,742 sq. ft. grad. paving; 36,742 sq. ft. asphalt paving; 11 ft. curb; 447 sq. ft. walk; 3085 sq. ft. concrete gutter; 129.70 ft. house sewers. Engr's. est., \$11,520.85.

Geo. R. Curtis, 2110 E. 26th St., awarded contract at \$14,131.91 for paving 24th St., bet. Harriet St. and 322.36 ft. grad. paving; 45,538 sq. ft. grad. paving; 45,538 sq. ft. conc. paving; 20,046 sq. ft. grading, oiling and rolling; \$175 for sanitary sewer complete. Engr's. est., \$17,334.05.

Wm. Liddington, 420 E. 60th St., awarded contract at \$42,785.53 for paving Raymond Ave., bet. 59th Pl. and 63rd St., involv. 543 sq. ft. conc. paving; 2,488 lin. ft. curb; 111,420 sq. ft. walk; 11,141 sq. ft. conc. gutter. Engr's. est., \$53,628.80.

BURBANK, Cal.—Until 7:30 p. m., Oct. 24, new bids will be rec. by City Clerk, S. Webster to improve C. M. Press Ave., bet. San Fernando Blvd. and Sunset Canyon Dr., otherwise known as 11th St. Work will consist of grading 60 ft. wide. Will consist of grading 60 ft. wide, paving, 30 ft. wide; constructing cement curb and 3 ft. Bids received Oct. 3 rejected.

FRESNO, Fresno Co., Cal.—Until Oct. 19, 3:30 p. m., bids will be rec. by City Clerk, S. George, city clerk, to construct 6-in. vit. clay pipe sewer in Block 16, Paige Tract; 4-in. on 6-in. wyres for each lot frontage; 1 manhole; 1 concrete manhole connection. Bids, same date, to improve Ferger Ave., bet. Belmont and Olive Aves., grading; conc. curbs, gutters and walks; corr. metal culverts; paving with 3-in. asphalt base with 1 1/2-in. surface. Wm. Stranahan, city eng.

FRESNO, Fresno Co., Cal.—City Clerk, R. Y. St. George, clerk, declares intention to improve alley in North Hill, bet. Portland Ave. and North Van Ness, extending from Mildreda to Franklin Aves., grading; paving with 6-in. cem. conc. 1911 Act. Protests Oct. 26. Wm. Stranahan, city engineer.

Intention declared to improve Los Angeles Ave., bet. Broadway and S. P. right-of-way; grading, conc. curbs and gutters, paving with 6-in. cem. conc. 1911 Act. Protests Oct. 26. Wm. Stranahan, city engineer.

DINUBA, Tulare Co., Cal.—Federal Const. Co., Call Bldg., San Francisco, awarded contract by council to improve Alhambra Villa Ave., bet. Portland Ave. and North Van Ness, extending from Mildreda to Franklin Aves., grading; paving with 6-in. cem. conc. 1911 Act. Protests Oct. 26. Wm. Stranahan, city engineer.

CARSON CITY, Nevada.—Robert A. Allen has been commissioned state engineer by Governor Emmett Boyle. Allen will also serve as ex-officio member of the Public Service Commission. Appointment was made to fill vacancy caused through resignation of Col. James G. Scruggs, Democratic nominee for governor. Allen has served as deputy state engineer for 3 1/2 years.

FRESNO, Fresno Co., Cal.—County Surv. Chris. P. Jensen, Cory Bldg., preparing plans for const. of Rose avenue unit of county highway system from west end of limits of Reedley to Mendocino Ave.

CALIPATRIA, Cal.—City Council declares intention to pave Main St. for 1 1/2 miles. Paving will be 6-in. cem. conc. 18-ft. wide, and will begin at the end of the present paved highway leading to Brawley.

BERKELEY, Alameda Co., Cal.—City Council considering recommendation of Dr. Carl A. Brown to pave and widen 1 1/2 miles of Telegraph Ave., as far as the Oakland city limits; est. cost \$100,000. C. L. Huggins, city eng.

SANTA BARBARA, Cal.—City Engr. Geo. B. Morrison preparing plans for 1 mile of street improvement for Fair Acres on La Mesa. Work will include paving, curbs, gutters, and sewers. Est. cost, \$80,000.

SANTA ANA, Cal.—County supervisors rejected only bid for paving San Juan Hot Springs Rd., 1 1/2 mile. This bid, Carl A. Brown and Bressler at \$23,056.97, about \$2000 over the estimate. Bids will be readjusted for one mile of pavement.

TOMBSTONE, Ariz.—State Engrs. Thos. Madlock has authorized const. White & Miller to proceed with paving of 5 miles extension of the Bisbee road. The supervisors had declined to proceed with work owing to protest from several property owners. Telegraphic requests from business men caused the state engr. to order work from funds under his control.

SAN DIEGO, Cal.—G. R. Daley, 440 McNeil Bldg., was awarded contract at \$7973 for paving Howard Ave., between Park Blvd. and Mississippi Pl., H. G. Fenton, bid \$928. He was also awarded contract at \$35,884 for paving 14th St., bet. C St. and Imperial Ave., Fairchild-Gilmore-Wilton Co., bid \$38,626 and Calif. Constr. Co. \$41,246.

NAPA, Napa Co., Cal.—Eng. A. Kimpkey, Hobart Bldg., San Francisco, instructed by council to prepare plans for road from end of road leading out of Milliken Canyon to the county road.

SAN FRANCISCO.—Until Oct. 25, 3 p. m., bids will be rec. by Board of Public Works to construct 12-in. vit. clay pipe sewer with 28 8-in. wyres and 2 br. manholes in Ledyard St., from Silver Ave., southerly.

Separate bids, same date, to improve Lyon St., bet. Golden Gate Ave. and Turk St., involv. 25 lin. ft. conc. curb and 484 sq. ft. conc. pavement. M. M. O'Shaughnessy, city eng.

FRESNO, Fresno Co., Cal.—City Engr. Wm. Stranahan has completed plans for improving Welden Ave., bet. Van Ness Ave. and east city limits, involv. 75.83 sq. ft. grading; 58,163 sq. ft. asphalt paving; 5260 sq. ft. conc. gutter; 630 sq. ft. conc. walk; 1340 ft. curb; 272 ft. 12-in. culvert; 41 ft. 18-in. culvert; 7 manholes. Protests will be heard Oct. 19.

WATSONVILLE, Santa Cruz Co., Cal.—Election has been called to vote bonds of \$25,000 to purchase water works in Watsonville. Laid and Water Co., and finance extensions of mains and water hydrants. H. B. Kitchen is city engineer. M. M. Swisher, city clk.

NAPA, Napa Co., Cal.—L. J. Alexander, Napa, at \$5200 awarded const. by supervisors to surface with crushed rock and screenings a portion of Silverado Trail, approx. 1.78 mi. in length.

WATSONVILLE, Santa Cruz Co., Cal.—Until Oct. 17, 3 p. m., bids will be rec. by M. M. Swisher, city clerk, to const. sidewalks in Peck St., fronting city plaza. H. B. Kitchen, city eng.

L. A. STREET WORK BIDS OPENED
LOS ANGELES, Cal.—Warne Constr. Co., 619 H. W. Hellman Bldg., submitted low bid to board of public works for paving Meridian St., bet. Fayette St. and 5th St., and in portions of other streets, involv. 57,460 sq. ft. rough grading at 5c ft., 57,460 sq. ft. finish grading, oiling and rolling at 7c ft., 3157 ft. curb at 6c ft., 15,665 sq. ft. curb at 19c ft., 7172 sq. ft. conc. gutter at 23c ft.
Baker and Kinsman, 739 H. W. Hellman Bldg., submitted low bid to pave 33rd St., bet. Hoover St. and Vermont Ave., involv. 364 sq. ft. conc. paving,

including grading at 30c ft., 29,926 sq. ft. grading at 2c ft., 20,926 sq. ft. finish grading, oiling and rolling at 6.5c ft., 2580 sq. ft. curb at 65c ft., 10,064 sq. ft. walk at 10c ft., 4775 sq. ft. gutter at 30c ft.

Fairchild-Gilmore-Wilton Co., L. A. Ry. Bldg., Los Angeles, submitted low bid to pave Gramercy Pl., bet. Melrose and Maplewood Aves., involv. 28,852 sq. ft. grading at 3.5c ft., 28,852 sq. ft. asphalt paving at 23.5c ft., 1000 sq. ft. oiling and rolling at 10c ft., 2186 sq. ft. gutter at 27c ft.

LOS ANGELES, Cal.—Kuhn Bros., 6th and Camino Real, (Manhattan Beach, submitted low bid to supervisors at \$16,132.65 to pave with conc. Redondo-Wilmington Rd., 1 1/4 miles in Rd. Dist. No. 1, involv. 2371 cu. yds. excav. at 75c yd., 6000 ft. shaping roadbed at 45c ft., 12,000 lin. ft. shaping and rolling shoulders at 10c ft., 6006 ft. 4-in. drain tile at 20c ft., 13,685 sq. ft. 6-in. conc. pavement at 72c yd. County furnishes 3223 cu. yds. cement, 1623 tons sand and 2955 tons gravel.

Other bids: L. A. Paving Co., \$17,589.30; Chas. G. Frisbie Co., \$19,583.20; J. G. Beckford, \$20,996.95; Geo. J. Rock, \$21,472.12; R. C. Travers, \$22,165.85; S. M. Kerns, \$23,064.50; C. F. Farquhar, \$23,150.80; J. Paul Benson, \$27,670.95.

BERKELEY, Alameda Co., Cal.—City Council, E. H. Haver, clerk, declares intention to const. concrete and relay granite curbs in portion of Shattuck Ave. and Dwight Way and paving with conc. base and surfaced with asphalt, screenings, catchbasins and catchbasins and storm water inlets; lowering existing iron culverts. 1911 Act. C. L. Huggins, city engineer.

BRAWLEY, Cal.—Owing to legal difficulty over protests, Noble and Connor, awarded contract at \$81,200 for paving 13th St., bet. 8th and west city limits, have asked to be rejected. This bid, as also have their bondsmen, who will be awarded to W. F. Beal at \$90,800 will be determined by the city attorney. The matter has been taken under advisement.

SANTA BARBARA, Cal.—Until Nov. 6, bids will be rec. by supervisors for grading and graveling that portion of the highway to improve 101st Ave. west of Solvang. The work will commence at Ballard and continue south-west through Solvang to a point near the Buellton-Solvang road.

TULARE, Tulare Co., Cal.—City trustees authorize paving of Tulare St. west to B St. A petition for the paving of L St. south from Point St. was denied but no action taken at this time.

OAKLAND, Cal.—Hutchinson Co., 6000 Broadway, Oakland, awarded const. by council to improve 101st Ave., bet. E-14th and Sunnyside Aves., grading, \$4.33; conc. curb, \$.70; conc. gutter, \$.28; oil macadam pavement, \$.115; cement walks, \$.17; wood culvert, \$.340.

UKIAH, Mendocino Co., Cal.—George Piches, Laytonville, Cal., awarded contract by supervisors to const. Sec. 5 of Spy Rock road; 4975 yds. unclassified, \$.84 yd.; 3500 ft. B. M. lumber, in place, \$.88 per M.

SAN FRANCISCO.—City Const. Co., Call Bldg., at \$1875 submits low bid to Board of Public Works to improve Multrie St., bet. Eugenia and Powhattan Sts., including crossing of Eugenia, where not already, involv. 112 lin. ft. conc. curb; 1406 sq. ft. asphalt conc. and 975 sq. ft. 6-in. conc. pavement; 134 sq. ft. art. stone walks; 3 br. catchbasins; 60 lin. ft. 10-in. vit. pipe culvert.

SAN FRANCISCO.—Martin Murphy at \$2341 submits low bid to Board of Public Works to lay high pressure fire mains in North Point St., bet. Powell and Grant Ave. Other bids: H. S. Glackin, \$2760; Jas. T. Tobin, \$2590; Louis J. Cohn, \$3720; City Const. Co., \$2700; Jas. R. McElroy, \$2514.

LONG BEACH, Cal.—Fairchild-Gilmore-Wilton Co., L. A. Ry. Bldg., Los Angeles, awarded const. by council to pave Pine Ave., bet. Ocean Ave. and 10th St. at \$126,121.94. Work includes 7-in. conc. base, 1 1/2-in. binder course, and 1 1/2-in. sheet surface.

SACRAMENTO, Cal.—Until Oct. 23, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, 301 City Hall, to furnish materials and erect fence, approx. 903 lin. ft. 6 ft. high with 2 gates of 14 ft. double drive; samples of fabric and posts, rails, etc., together with drawings of fence and gates must be submitted with bid. Cert. check 10% payable to Board of Education required. Spec. may be had from secretary.

SAN FRANCISCO.—Healy Tibbitts Const. Co., 9 Main St., at \$42,960 submits low bid to Board of Public Works to const. rock fill along Marina Blvd. fronting Yacht Harbor, incl. (a) 3600 tons class B rock fill at \$3.32 per ton; (b) 12,600 tons class B rock fill at \$2.28 per ton. Daniel Contracting Co., only other bidder at \$43,880, (a) \$3.50; (b) \$2.30.

SACRAMENTO, Cal.—The California Highway Commission received bids on Oct. 9 for improvements in two counties, Amador County, bet. Jone and Jackson (111-Ama-34-B), about ten and seven-tenths (10.7) miles in length, to be surfaced with gravel. Bids were: John Phillips, Sacramento, \$58,500; Blumenkranz & Vernon, Stktin., \$4,740; Engineer's estimate, \$41,340. Merced County, bet. Merced and Livingston (VI-Mer-4-C and D), about nine-tenths (0.9) mile in length, to be surfaced with asphalt concrete. Bids were: J. A. Costello, Jr., F. R. F., \$20,542; Valley Paving & Const. Co., \$20,592; Merced, \$20,592; A. Teichert & Son, Seta., \$21,120; Engineer's estimate, \$16,500.

OAKLAND, Cal.—The Oakland Board of Education received bids on Oct. 9 for installing a storm sewer at the Alexander Hamon Alt. School. Bids were taken under advisement: Martin Murphy, \$821; A. Bunte, \$943; Haly, Moore & McNair, \$1145; J. Chink, \$1449.

SANTA YSABEL, Cal.—F. C. Morago, Escondido, awarded contr. to install 5/8 mile of 8-in. and 10-in. cem. pipe to extend gravity flow in irrigation system of Santa Ysabel ranch for Moratti Bros., making available an additional 25 acres.

ARCADIA, Cal.—Until 8 p. m., Oct. 18 bids will be rec. by city clerk Ethel G. Farwell to improve Baldwin Ave., bet. Duarte Rd. and Palm Dr., involy. 192,300 cu. ft. of 6-in. and 8-in. macadam pavement. Plans and spec. may be obtained at office of O. A. Stone, city mgr., 1112 Hollingsworth Bldg., Los Angeles.

SAN DIEGO, Cal.—Petition filed with city council asking 4-in. conc. with 1 1/2 in. asph. conc. wearing surface on 13th St., bet. La Grange and Portola Sts., and Lewis and Washington Sts., Washington St., bet. Hawk and Pringle Sts., Pringle, bet. Washington and Portola Sts., and Portola St., bet. Pringle and Washington Sts.

MODESTO, Stanislaus Co., Cal.—City Council, L. A. Love, clerk, declares intention to improve Bonlar Ave., bet. Neddham and Stoddard; grading; paving with 2 1/2-in. asph. conc. base with 1 1/2-in. Warrentite-Bit surface; conc. curbs and gutters, 1911 Act. (conc.) Type No. 700, electrics to 1511. Intention declared to improve 16th St., bet. I and Burney Sts.; grading; paving with 1 1/2-in. asph. conc. base with 1 1/2-in. Warrentite-Bit surface; conc. curbs and gutters, 1911 Act. Protests Oct. 25. Geo. Freitas, city eng.

EL CERRITO, Contra Costa Co., Cal.—Due to irregularities in bids, Seta. Sanitary District rejects bids to const. sewer extensions and new bids will be asked. Bids were submitted by C. E. Clinch, Richmond; M. L. Cambar and Cardo, Oakland; F. Ferreira, Oakland and E. P. Nell, El Cerrito. H. L. Van Fleet is secretary of the district.

LONG BEACH, Cal.—Fairchild-Gilmore-Wilton Co., L. A. Ry. Bldg., L. A., submitted lowest bid to Council to improve Orange Ave., bet. 4th and 11th Sts., at 23.50 sq. ft. for 6-in. cem. pavement with bituminous protective coat, 55c ft. for curb, 28c sq. ft. for gutter, 22c sq. ft. for sidewalks and \$1500 for culverts complete.

LOS ANGELES, Cal.—Albin and Lorey, 1030 Arapahoe St., awarded contract by supervisors at \$35,023.58 to pave 10th St., bet. Washington Blvd. and Ballona Creek, in Rd. Dist. No. 4.

TRACY, San Joaquin Co., Cal.—J. E. Johnston, 215 Savings and Loan Bank Bldg., Stockton, at \$59,787, submits low bid to city trustees to improve Roadway, bet. 6th and 10th Sts., incl. involy. 5075 cu. yds. grading; 226-558 sq. ft. 4-in. gravel base with 2-in. asph. macadam surface; 13,755 lin. ft. conc. curb and gutter; 355 lin. ft. wrought iron pipe for water extensions; 620 ft. vit. sewer extensions; 7 catchbasins, Blumenkranz and Vernon, Stockton, at \$69,346 only other bidder. Taken under advisement. W. D. Harrington, city eng.

STOCKTON, San Joaquin Co.—Wm. F. Edwards, 675 31st St., Oakland \$4672 awarded contract by city trustees for lateral sewers with wyes, curved and house branches, manholes with and without automatic flushers in Blocks 7, 8, 9, 10, 11, 12 and 13, City Park Terrace and in portions of Yale and Columbia Aves., etc.

SAN LUIS OBISPO, Cal.—Bids of the General Const. Co., San Francisco and Chas. W. Wimmer, Eakersfield, for improving Arroyo Grande-Huasna road, rejected by the supervisors.

SAN RAFAEL, Marin Co., Cal.—Until Nov. 8, 11 a. m., bids will be rec. by Robert E. Graham, county clerk, to improve Wolf's Hill Grade from the city limit to Rafael on the Marin and S.F. road, in Rd. Dist. No. 2. Cert. check 10% payable to chairman Board of Supervisors required with each bid. Spec. on file in office of clerk.

EL CENTRO, Cal.—City Engr. F. C. Dyer reports that proceedings are under way for laying approx. \$60,000 job of asph. conc. pavement, 5-in. thick, 160,000 sq. ft. pavement consisting of 2-in. asph. conc. wearing surface on 5-in. conc. base, a total of approx. 5 1/2 miles of street paving. In connection with the street paving, there will be installed about 6000 ft. 10-in., 1000 ft. 6-in. and 2000 ft. 4-in. cast iron water mains, with 500 ft. 24-in. and 250 ft. 1-in. lead pipe water service connections.

GLENDALE, Cal.—Until 7 p. m., Oct. 13, bids will be rec. by City Clerk A. J. Van Wie to improve Stanley Ave., involy. about 912 lin. ft. grading, 1817 ft. curb, 3633 sq. ft. gutter, 9083 sq. ft. walk, 26,713 sq. ft. 5-in. macad. and laying incl. 1042 ft. 4-in. c. i. pipe. Ben F. Dupuy, city engr.

SANTA ANA, Cal.—Until 8 p. m., Nov. 1, bids will be rec. by city of Santa Ana for construction of Sec. A of the joint outfall sewer to the city of Orange for cities of Santa Ana, Anaheim, Fullerton and Orange, involy. 22,100 ft. of 42-in. pipe and 18 manholes. Alternate bids will be received on reinf. conc. pipe and segmental vit. clay blocks; also for brick and conc. manholes. Cert. chk. for % required. Plans and spec. may be seen at the office of City Engineer C. G. Knox, Santa Ana, from whom further information may be obtained. Cities of Fullerton and Orange have not yet voted bonds for participation in the project, but as there will be no change in the original plans for the joint outfall line, necessary funds are now available from bond issues voted by Santa Ana and Anaheim.

SAN FRANCISCO.—City Eng. M. M. O'Shaughnessy completes spec. to imp. crossing of Munich and Persia Sts., est. cost to involy. 80 cu. yds. of work, 88 lin. ft. conc. curb; 3604 sq. ft. asph. conc. pavement; 30 lin. ft. 12-in. vit. sewer; 124 lin. ft. 10-in. vit. pipe culvert; 4 catchbasins and 554 sq. ft. art. stone walks.

SAN FRANCISCO.—Healy-Tibbitts Const. Co., 9 Main St., at \$42,960 awarded contr. by Board of Public Works to const. rock fill along Marina Blvd., involy. 3600 tons class A and 13,600 tons class B rock fill.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 23, 5 p. m., bids will be rec. by J. J. Lynch, city clerk, to improve 2nd St., bet. Hensley and W. P. right of way; regrading, paving with 1 1/2-in.

asph. conc. surface on 3-in. asph. conc. base.

Separate bids, same date, to improve Keyes St., bet. 2nd and 3rd Sts., by grading; paving with 2-in. Warrentite-Bit surface with 3 1/2-in. asph. conc. base; conc. curbs, gutters and walks; 2 in. catchbasins; 8-in. vit. pipe drains. 1911 Act. Wm. Fopp, city eng.

SOUTH PASADENA, Cal.—No bid rec. by city trustees for paving Montrey Rd., involy. approx. 101,000 sq. ft. macadam, curb, gutter and storm drain. Work will probably be postponed until water system is completed.

EAST SAN DIEGO, Cal.—An election will be held October 30, to vote on a \$31,000 bond issue for the purchase of the Palmdam Water system which will be remodeled into a municipal system.

SANTA BARBARA, Cal.—Until 5 p. m., Oct. 19, bids will be rec. by council to improve Elizabeth St., bet. Montecito and Gutierrez Sts., by grading, paving with 4-in. conc. and 1 1/2-in. asph. conc. surface, const. cem. conc. curb, drive-ways, 4-in. vit. pipe connections; 1911 Act.

SAN DIEGO, Cal.—C. R. Cushing submitted low bid to county supervisors for paving a portion of the county way bet. Nestor and Tia Juana, .217 miles, with cem. conc. California Const. Co. submitted low bid for asph. paving. The bids were:

Cement Concr.—C. R. Cushing \$50,985.93; J. F. Knapp, \$55,470; G. R. Daley, \$58,302.39; E. F. Watson, Jr., \$62,950; J. H. Peterson, \$69,231.48; H. H. Peterson, \$70,136.50.

Asphalt—Calif. Constr. Co., \$52,600; G. R. Daley, \$55,177.07.

BUSINESS OPPORTUNITIES

Further information regarding these opportunities may be had from Foreign and Domestic Trade Bureau, Chamber of Commerce, Merchants Exchange Bldg., San Francisco, by referring to file number:

6331—England. Firm of manufacturers with 11 patent suitable agents on the Pacific Coast for the sale of their patent extending wardrobe fittings.

6332—Salvador. Firm desirous of getting in touch with importers of Central American cotton. Samples on file.

6333—Mexico. Party wishes to communicate with firms who import mohair and dye woods from Central America and Mexico.

6334—New York City. Reliable firm of brokers and purchasing agents is interested in making connections with San Francisco exporters of such commodities, chemicals and paper.

6340—Frankfurt, Germany. Manufacturers of polishing machines for knives, forks and spoons, used in restaurants, want agent on Pacific Coast.

A reliable firm or individual to introduce on the Pacific Coast the D. Krafft patent automatic tank vent valve, for use on oil tanks, ships, tank cars, locomotives and storage reservoirs, is desired for the Manhattan Valve Co., 1330 Pine St., Philadelphia, Pennsylvania.

MARKET

Concern in Sydney is, the market for power plant machinery for telegraph and telephone purposes, high tension insulators, hydro-electric machinery for generating and transmission of electrical power, turbo generators for central electric power station use, high and low tension transformers and switch gear, motors and generators from fractional to 2000 horsepower, electric elevators, electric domestic apparatus, radiators, hot plates, kettles, ad stoves for electric use, alarm systems, ventilating plants for factories and buildings, electrical measuring instruments, refrigerators and refrigeration machinery, farm lighting plants, X-ray and industrial electro-medical apparatus, equipment, radio valves, high speed telegraph systems. Communicate with Domestic Trade Dept., San Francisco Chamber of Commerce.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am't
3678	McKillop	Owner	75000
3679	Dission	Cameron	10000
3686	MacDonald	MacDonald	200000
3681	Janssen	Owner	1900
3682	Same	Same	3553
3683	Same	Same	3550
3684	Same	Same	2300
3685	City Realty	Cox	4000
3686	Bert	Johnson	4250
3687	Warden	Owner	11100
3688	Durand	Caruso	3000
3689	Leigh	Owner	8000
3690	Same	Same	12000
3691	Meyer	Owner	2600
3692	Bulton	Owner	4000
3693	Becker	Owner	4000
3694	Lepetich	Spargo	1093
3695	Gl. Western	Mullen	1003
3696	Greenback	Owner	21068
3697	Wurlitzer	Paeleic	6200
3698	Same	Crown	2575
3699	Same	American	1626
3700	Same	Inland	937
3701	Wienlawski	Merritt	1700
3702	Worth	Morris	1475
3703	Moren	Owner	1000
3704	Cornyn	Jensen	1000
3705	Davis	Ludlow	1900
3706	Standard	Owner	1000
3707	Tatty	Merritt	3000
3708	Hogg	Owner	8000
3709	Hemminga	Owner	1700
3710	Spence	Wilhelm	1500
3711	Union	Goad	3500
3712	Cufferata	Brumfield	1000
3713	Wakelee	Holt	12000
3714	Mullace	Pinkerton	3500
3715	Annis	Owner	19000
3716	Picconi	Owner	12000
3717	Luther	Owner	7000
3718	Goeres	Owner	2500
3719	Gerken	Owner	10000
3720	Tait	Dattie	1200
3721	O'Connell	Steiger	12556
3722	Dorland	Miller	200096
3723	Lacy	Rednall	1843
3724	Danforth	Nilson	4000
3725	Miller	Owner	4000
3726	Goldman	Thulin	4000
3727	Peyser	Wagner	5000
3728	Myers	Britt	25000
3729	Fox	Martin	20000
3730	Seaman	Strand	20000
3731	Meyer	Owner	7000
3732	Bothin	Owner	4000
3733	Bothin	Hogberg	2487
3734	Bothin	Hinson	30663
3735	Leighton	Lagullio	870
3736	Voorhies	Barrett	1678
3737	Gaines	Schell	1700
3738	Eaton	Owner	1000
3739	Gadren	Allen	7000
3740	Mohaupt	Brueck	6900
3741	Minedew	Heoper	8529

APARTMENTS
(3678) N GEARY 182 W Hyde. Five-story and basement concrete (23) apartments.
Owner—Daniel McKillop, 540 Cole St., San Francisco.
Architect—None. \$75,000

FRAME FLATS
(3679) E PIERCE 65 S Green. Two-story and basement frame (2) flats.
Owner—A. D. Dission, Hearst Bldg., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Contractor—Cameron & Dission, Hearst Bldg., S. F. \$10,000

OFFICES, ETC.
(3680) PIERCE, STEINER, TURK & Eddy. Three-story and basement reinforced concrete offices, studio and workshop.
Owner—MacDonald & Kahn, 130 Montgomery St., San Francisco.
Architect—Weeks & Day, California Insurance Bldg., San Francisco.
Contractor—MacDonald & Kahn, 130 Montgomery St., S. F. \$200,000

DWELLINGS
(3681) S ANZA 50 and 75 E Twenty-fifth Ave. Two one-story and basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950 each

DWELLING
(3682) E TWENTY-FIFTH AVE 114-6 S Balboa. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950

DWELLING
(3683) E TWENTY-EIGHTH AVE 170 S Geary. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950

DWELLING
(3684) E TWENTY-FOURTH AVE 68-6 S Balboa. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950

DWELLING
(3685) W FOURTH AVE 120-9 1/2 S Farnassus. Two-story and basement frame dwelling.
Owner—City Realty Co., 46 Kearny St., San Francisco.
Plans by Owner.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. \$4090

DWELLING
(3686) NO 77 CORTLAND AVE. One-story and basement frame dwlg.
Owner—Leslie Bert, Premises.
Plans by Contractor.
Contractor—J. B. Johnson, 1642 Webster St., San Francisco. \$4250

RESIDENCES
(3687) W ELEVENTH AVE 100, 125 & 150 S Kirkham. Three two-story and basement frame residences.
Owner—F. Warden, 68 Concord St., San Francisco.
Architect—J. C. Hladik, Menadnock Bldg., S. F. \$3800 each

DWELLING
(3688) W THIRTY-NINTH AVE 125 S Anza. One-story and basement frame dwelling.
Owner—M. J. Durand, 1448 9th Ave., San Francisco.
Architect—None.
Contractor—L. M. Caruso Co., 5345 Geary St., San Francisco. \$3000

DWELLINGS
(3689) W THIRTY-THIRD AVE 209 and 225 S Lincoln Way. Two one-story and basement frame dwlg.
Owner—David Leigh, 840 44th Ave., San Francisco.
Architect—None. \$4000 each

DWELLINGS
(3690) E FORTY-FOURTH AVE 110, 135 and 160 S Cabrillo. Three one-

story and basement frame dwlg.
Owner—David Leigh, 840 44th Ave., San Francisco.
Architect—None. \$4000 each

DWELLINGS
(3691) E FORTY-FIFTH AVE 175, 200, 225, 250, 275 and 300 N Cabrillo. Six one-story and basement frame dwellings.
Owner—Meyer Bros., 5526 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$3000 each

SHED
(3692) NO. 1310 HARRISON. Erect lumber shed, galvanized iron covering.
Owner—Button & Manning, 1308 Harrison St., San Francisco.
Architect—None. \$4000

FLATS
(3693) NO. 1267 MARKET. Two-story frame store and flat.
Owner—Henry Becker, 534 Castro St., San Francisco.
Architect—None. \$4000

ALTERATIONS
(3694) W TOLK 40 S California. Change store front; add mezzanine floor; T & G partitions and shelving.
Owner—Milton K. Lepetich, 798 Larkin St., San Francisco.
Architect—None.
Contractor—John Spargo, 240 Montgomery St., San Francisco. \$1000

ALTERATIONS
(3695) NO. 1325 VAN NESS AVE. Change entrance front for insurance office.
Owner—Great Western Finance Corp., 1235 Van Ness Ave., S. F.
Architect—None.
Contractor—Mullen Mfg. Co., 64-68 Rausch St., San Francisco. \$1000

APARTMENTS
(3696) N ELLIS 87-6 W Hyde. Three story and basement reinforced concrete (12) apartments.
Owner—J. Greenback, 371 Waller St., San Francisco.
Plans by Owner. \$21,000

ELEVATOR
(3697) E STOCKTON 25 S Post. All work for one freight elevator for six-story Class C building.
Owner—The Rudolph Wurlitzer Co. of California, 250 Stockton St., S. F.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.
Contractor—Pacific Elevator & Equipment Co., 1129 Howard St., S. F.
Filed Oct. 6, '22. Dated Oct. 3, '22. Completed and accepted..... 757
Usual 35 days..... Balance
TOTAL COST, \$6200
Bond, \$3100. Surety, C. W. Fitzpatrick
Limit, 22 days after Oct. 8, 1922. Forfeit, plans and specifications, none.

(3698) REWIRING & REINSTALLATIONS, etc., on above.
Contractor—Crown Electric Co., 153 Eddy St., San Francisco.
Filed Oct. 6, '22. Dated Sept. 30, '22.
Payments same as above.....
TOTAL COST, \$2575
Bond, \$1500. Sureties, Louis Bock and Theo. De Pass. Limit, 30 days after Oct. 2, 1922. Forfeit, plans and specifications, none.

(3699) COLUMBIA MARBLE FLOOR in vestibule and Verdo Antique marble base, etc., on above.
Contractor—The American Marble & Mosaic Co., 15 Columbia Square, San Francisco.

Filed Oct. 6, '22. Dated Oct. 2, '22.
Payments same as above.
TOTAL COST, \$1835
Bond, none. Limit, 15 days after Oct. 23. Forfeit, plans and specifications, none.

(3790) 2750 PLAIN OAK FLOORS ON above.

Contractor—The Inland Floor Co., 18th and Alabama Sts., San Francisco.
Filed Oct. 6, '22. Dated Oct. 2, '22.
Payments same as above.
TOTAL COST, \$937.50
Bond, none. Limit, 15 days after Oct. 26, 1922. Forfeit, plans and specifications, none.

ALTERATIONS
(3701) NO. 2255 CLAY. All work for alterations to residence.
Owner—Jules and Nanie Wionlowski, Premises.
Architect—None.

Contractor—Geo. M. Merritt Bldg. Co., 3014 Geary St., San Francisco.
Filed Oct. 6, '22. Dated Sept. 26, '22.
When contract executed.....\$385
Completed and accepted.....519
Usual 35 days.....340
TOTAL COST, \$1790
Bond, none. Limit, 30 days. Forfeit plans and specifications, none.

RESIDENCE
(3702) NE TWELFTH AVE AND CA-
brille, N. 25X E 55. All work for two-story and basement residence.
Owner—Minnie I. Worth, 1320 Golden Gate Ave., San Francisco.
Architect—None.

Contractor—Alfred T. Morris, 501 11th Ave., San Francisco.

Filed Oct. 6, '22. Dated Aug. 24, '22.
Frame up.....\$2637.50
Brown coated.....2637.50
Standing finish on.....2637.50
Completed and accepted.....2637.50
Usual 35 days.....4200.00
TOTAL COST, \$14,750.00

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

GARAGE
(3703) NO. 2820 HARRISON. Cement work, etc., for private garage.
Owner—T. F. Cornyn, Premises.
Architect—Cne.
Contractor—Geo. R. Moren, 125 Falcon Ave., San Francisco. \$1000

ALTERATIONS
(3704) W MISSION 135 S Eighteenth. Install show windows; erect mazzanine floor in store.
Owner—L. B. Davis, et al.
Architect—Edward E. Young, 251 Kearny St., San Francisco.
Contractor—James Jensen, 354 Pine St., San Francisco. \$1000

WATER SYSTEM
(3705) SW BUSH & SANSOME 206-2 137-6. All work for chilled drinking water system for building.
Owner—Standard Oil Co.
Architect—George W. Kelham, Sharon Bldg., San Francisco.
Supt.—Lindgren Co., Monadnock Bldg., San Francisco.

Contractor—Jas. T. Ludwig, 410 Montgomery St., San Francisco.
Filed Oct. 7, '22. Dated Sept. 15, '22.
Monthly payments of.....75%
36 days after.....25%
TOTAL COST, \$10,900
Bond, \$5450. Surety, Fidelity & Deposit Co. of Maryland. Limit, 110 days. Forfeit, none. Plans and specifications filed.

DWELLING
(3706) N CORBETT AVE 300 W Ashbury. One-story and basement frame dwelling.

Owner—Walter P. Tutty, 346 Corbett Ave., San Francisco.
Plans by Owner. \$1000

DWELLING
(3707) W EIGHTEENTH AVE 275 N Irving. One-story and basement frame dwelling.
Owner—The Hogg, 258 Montgomery St., San Francisco.

Architect—None.
Contractor—Geo. H. Merritt Bldg. Co., Inc., 3014 Geary St., S. F. \$3000

FRAME FLATS
(3708) N GROVE 65 W Ashbury. Two story and basement frame (2) flats.
Owner—W. L. Hemmings, 47 Ashbury St., San Francisco.
Architect—None. \$8000

FACTORY, ETC.
(3709) NO. 626 GREAT HIGHWAY. One-story frame candy factory and refreshment parlor.
Owner—A. T. Spence, 180 Jessie St., San Francisco.
Architect—None. \$1700

UNDERPIN
(3710) NO. 861 HOWARD. Underpin foundation, etc.
Owner—Union Ice Co., 354 Pine St., San Francisco.
Architect—W. H. Toepke, 714 Cail Bldg., San Francisco.
Contractor—A. H. Wilhelm, 180 Jessie St., San Francisco. \$1500

DWELLING
(3711) S LISBON 225-6 E Russia. One-story and basement frame dwelling.
Owner—Peter Cufferata 461 Lisbon St., San Francisco.
Architect—None.
Contractor—G. Giobadi, 938 Rutland St., San Francisco. \$3500

MARQUEE
(3712) NO. 958 MARKET. Erect marquee for drug store.
Owner—Wake's Drug Store, Prem.
Architect—None.
Contractor—Brumfield Electric Sign Co., 18 7th St., S. F. \$1000

FLATS
(3713) NW NINETEENTH AVE 150 & 175 N Fulton. Two two-story and basement frame (2 in each) flats.
Owner—John F. Mullane, 155 29th St., San Francisco.
Architect—None.
Contractor—O. K. Holt, 3877 26th St., San Francisco. \$6000 each

ALTERATIONS
(3714) NO. 3426 TWENTY-FIRST ST. Alterations and repairs to apartment flats; minor additions.
Owner—C. H. Annis Jr., Fremont.
Architect—T. Town, 2766 Mission St., San Francisco.
Contractor—H. C. Pinkerton, 157 Bellview Ave., S. F. \$3500

FLATS
(3715) W TWENTY-FIRST AVE 65 N Geary. Two two-story and basement frame (2 in each) flats.
Owner—M. J. Piconi, 825 Monadnock Bldg., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. \$9500 each

ALTERATIONS
(3716) NO. 819-829 CLEMENT. Raise present buildings and add store in first floor.
Owner—Mrs. Bertha Luther, San Jose.
Architect—Philip Schwardt, 2920 Jackson St., San Francisco. \$12,000

FIATS
(3717) N JERSEY 125 W Church. Two story and basement frame (2) flats.
Owner—Peter Goeres, 124 Jersey St., San Francisco.
Architect—None. \$7000

ALTERATIONS
(3718) NW SCOTT AND DUBOCE AVE. Alter three-story frame building into (4) apartments.
Owner—Fred Gerken, 1 Scott St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$2500

ALTERATIONS
(3719) NO. 39 TURK. Remove boxes; change front; install kitchen equipment; construct mazzanine floor, etc., for restaurant.
Owner—John Tait, Room 1010 Phelan Bldg., San Francisco.
Architect—None.
Contractor—Jay Dattie, 574 3rd Ave., San Francisco. \$10,000

ALTERATIONS
(3720) NO. 125 ALMA. All work for alterations and additions to building.
Owner—Ellen J. and M. B. O'Connell.
Architect—None.
Contractor—H. Steiger, 1630 Haight St., San Francisco.

Filed Oct. 3, '22. Dated July 24, '22.
Ready for plaster.....\$600
Completed and accepted.....603
TOTAL COST, \$1200
Bond, none. Limit, 60 days. Forfeit, plans and specifications, none.

FLATS
(3721) NW FRANKLIN AND CHESTNUT W 100XN 25. All work for two-story frame (2) flats.
Owner—Anella Teriand and Leonore A. Sone, 1005 Jones St., S. F.
Architect—T. Patterson Ross, 310 California St., San Francisco.
Contractor—Fred Miller, 225 Dolores St., San Francisco.

Filed Oct. 9, '22. Dated Oct. 6, '22.
Frame up.....\$2500
Brown coated.....2500
Standing finish on.....2500
Completed and accepted.....1767
Usual 35 days.....3099
TOTAL COST, \$12,356

Bond, none. Limit, 100 days. Forfeit, \$10. Plans and specifications filed.

FLATS
(3722) N UNION 125 E Broderick E 30XN 137-6. All work for two-story frame flat building.
Owner—Anne M. Lacy, Sydney Lacy and Lynar Lacy, 2652 Union St., San Francisco.
Architect—None.
Contractor—W. W. Fednall, 130 Jessie St., San Francisco.

Filed Oct. 9, '22. Dated Oct. 7, '22.
1st coat plaster on.....\$5000
Frame up.....5001
Completed.....5045
Usual 35 days.....5045
TOTAL COST, \$20,090

Bond, none. Limit, 120 days. Forfeit, \$7. Plans and specifications filed.

RETAINING WALL
(3723) SW BROADWAY & BATTERY. All work for concrete retaining wall on frontage along Broadway on property.
Owner—F. M. Danforth, 2027 Broadway, San Francisco.
Architect—None.
Contractor—Charles H. Nelson, 180 Jessie St., San Francisco.

Filed Oct. 9, '22. Dated Oct. 7, '22.
On completion.....\$1380
Usual 35 days.....460
TOTAL COST, \$1840
Bond, \$920. Sureties, L. E. Sibley and Val Franz. Limit, forfeit, plans and specifications, none.

FRAME STORES
(3724) N CLEMENT 32-6 W Thirty-first Ave. One-story frame (2) stores.
Owner—Wm. A. Miller, 7 Balboa St., San Francisco.
Architect—None. \$4000

STORE
(3725) N GEARY 105 W Fifteenth Ave. One-story frame store.
Owner—A. Goldman, 5126 Geary St., San Francisco.
Architect—Alfred Henry Jacobs, 119 Sutter St., San Francisco.
Contractor—A. L. Thulin, 180 Jessie St., San Francisco. \$1000

STORE, ETC.
(3726) N PACIFIC 80 E Leavenworth. One-story and basement frame store and living quarters.
Owner—Mrs. H. Bibbero.
Architect—L. E. Boyser, 64 Market St., San Francisco.
Contractor—G. Wegner, 180 Jessie St., San Francisco. \$2000

CONCRETE BLDG.
(3727) N FOLSOM 175 W First. Three-story and basement concrete mercantile building.
Owner—L. A. Myers, 63 Post St., San Francisco.
Architect—Sam Lightner Hyman, 68 Post St., San Francisco.
Contractor—O. W. Britt, 1257 First Ave., San Francisco. \$25,000

STORES
(3728) S GEARY 57-6 E Larkin. One-story and basement concrete stores.
Owner—Morris Fox, 6 Architect.
Architect—Sylvain Schnaltacher, 237 Post St., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco. \$20,000

APARTMENTS
(3729) NE VAN NESS AVE. & UNION. Three-story and basement frame (42) apartments.
Owner—Seaman & Tyler, 1085 Mission St., San Francisco.
Architect—None.
Contractor—Strand & Strand, 614 Broderick St., S. F. \$20,000

FLATS
(3730) W FIFTEENTH AVE 250 N Geary. Two-story and basement frame (2) flats.
Owner—Meyer Bros., 5326 Geary St., San Francisco.
Architect—H. C. Paumann, 251 Kearny St., San Francisco. \$7000

DWELLING
(3731) NE TWENTY-THIRD AVE. & Fulton. One-story and basement frame dwelling.
Owner—Meyer Bros., 5326 Geary St., San Francisco.
Architect—C. Stahlberg, 544 Market St., San Francisco. \$4000

CLASS C BLDG.
(3732) E FREMONT 137-6 N Folsom — 137-6x E 137-6. Excavation, brick, metal work, sidewalk floors for two-story and basement Class C brick building.
Owner—Bothin Real Estate Co., 604 Mission St., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Emil Hugberg, 180 Jessie St., San Francisco.
Filed Oct. 10, '22. Dated Oct. 6, '22.
First vertical division ready for 2nd floor joists.....\$6204.25
Excavation or building ready to receive 2nd floor joists..... 6204.25
2nd floor joists..... 6204.25
Completed and accepted..... 6204.25
Usual 35 days..... 6204.25
TOTAL COST, \$24,817.00
Bond, \$12,408.50. Sureties, C. G. Berg and L. B. Sibley. Limit, 6 weeks. Forfeit, none. Plans and specifications filed.

(3733) CARPENTER WORK ON above.
Contractor—L. A. Hinson, 1228 Grove St., San Francisco.
Filed Oct. 10, '22. Dated Oct. 6, '22.
1st floor joists in place.....\$3749
2nd floor joists in place..... 5719
Roof on..... 5750

Completed and accepted..... 5750
Usual 35 days..... 7660
TOTAL COST, \$30,664
Sureties, Geo. C. Marble and F. K. McComber. Limit, 90 days. Forfeit none. Plans and specifications filed.

RESIDENCE
(3734) SE NAPLES 250 SW France Ave SW 25xSE 100. Carpenter work for frame residence.
Owner—Tony Panico, 793 Naples St., San Francisco.
Architect—Fahre & Thayer, 140 Sutter St., San Francisco.
Filed Oct. 10, '22. Dated Oct. 10, '22.
Roof on.....\$206
Windows and doors completed 2006
Completed..... 225
Usual 35 days..... 235
TOTAL COST, \$870
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(3735) NO. 967 MARKET. Construct office quarters in mezzanine floor.
Owner—Leighton Co-Operative Market, Premises.
Consulting Eng.—C. F. Wieland, 703 Market St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., S. F. \$1678

FLATS
(3736) E LOYOLA TERRACE 40-6 and 71-6 N Fulton. Two two-story and basement frame (2 in each) flats.
Owner—W. R. Voorries, 50 Divisadero St., San Francisco.
Architect—None. \$6000 each

ALTERATIONS
(3737) NO. 67 MAIN. Erect partitions in store; new fronts, plumbing, etc.
Owner—M. E. Gains, 67 Premises.
Architect—M. V. Politeo, 1301 First National Bank Bldg., S. F.
Contractor—Samuel Schell, 180 Jessie St., San Francisco. \$1730

OFFICE
(3738) SW OCEAN AVE AND TARA. One-story frame office.
Owner—Eaton & Smith, 507 11th St., San Francisco.
Architect—None. \$1000

DWELLING
(3739) W SANTA PAULA AVE 213 S Portola Drive. One-story and basement frame dwelling.
Owner—The Garden Homes Co., 278 Post St., San Francisco.
Architect—Earle B. Dertz, 168 Sutter St., San Francisco.
Contractor—Allen & Co., 168 Sutter St., San Francisco. \$7000

FRAME BLDG.
(3740) S KIRKHAM 57-6 E Eleventh Ave S 100 W 25 N 100 E to beg Carpenter and mill work, lathing, plastering, concrete and cement work for frame building.
Owner—Raymond J. and Mary E. Mohaupt, 770 5th Ave., S. F.
Architect—None.
Contractor—Michael Brueck, 606 Charter Oak Ave., San Francisco.
Filed Oct. 11, '22. Dated Oct. 9, '22.
Frame up.....\$1725
Brown coated and roof on..... 1725
Completed and accepted..... 1725
Usual 35 days..... 1725
TOTAL COST, \$6900
Bond, none. Limit, 120 days. Forfeit none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Oct. 5, 1922—S GEARY 133-4 E 23rd Ave E 26-8xS 100. Mary A and R W Landon to Sandberg & Essmann

Oct. 6, 1922—SE TWENTY-FOURTH Ave 225 S Lake 25x120. Harry J Zimet to Strand & Strand. Oct. 6, '22
Oct. 6, 1922—SE CLAY & BATTERY S 29-10 1/2 E 60 S 29-10 1/2 E 25 N 59-6 W 85. Bartlett to The Witt Kille to E Hinchinson. Oct. 6, 1922
Oct. 6, 1922—NW GREEN AVE 187 Chanau 38x100. H C Keenan to whom it may concern. Oct. 5, 1922
Oct. 6, 1922—LOTS 9 AND 10 BLK 18 C S. Albre's Sub Blks 17 and 18. West End Map No 1. Dominic Theodorica to whom it may concern. Oct. 2, 1922
Oct. 6, 1922—S DAY 155 E Sanchez 25x100. Charles H Schumacher to Wm De Martini. Oct. 6, 1922
Oct. 6, 1922—W COLE 55 N Hayes N 27-6xW 110. Edw Lutley to Herman H Bergfeld. Oct. 5, 1922
Oct. 7, 1922—S VALLEJO 165 W Leavenworth W 27-6x137-6. A Tollini to F Sartorio. Oct. 6, 1922
Oct. 7, 1922—SE COLE & WALLER 32-9xSE 3rd. Allice to H A Sullivan, F L and E L Irish and L L Sapoch. Oct. 1, 1922
Oct. 7, 1922—E CHURCH 114 S 24rd. N E Sisk to Ernest Swanson. Oct. 3, 1922
Oct. 7, 1922—LOT 12 BLK 24 St. Francis Wood Extension No. 2. Homes Loan Corp to Nelson Bros. Oct. 5, 1922
Oct. 7, 1922—W EIGHTH AVE 205 S Balboa S 25-120. A T Morris to whom it may concern. Oct. 3, 1922
Oct. 7, 1922—W FRANKLIN 27-6 N Francisco W 100xN 27-6. Paul and Catherine A Strandberg to John Harder. Oct. 4, 1922
Oct. 9, 1922—E CAPP 80 S Fifteenth 30x120. John Thurdell to whom it may concern. Sept. 14, 1922
Oct. 9, 1922—SW TWENTY-THIRD & Howard W 30xS 85. J H Kruse to Jeel Johnson. Oct. 9, 1922
Oct. 9, 1922—COMG. 137-6 from NW Eddy and Taylor N 137-6xW 25. Harold J Schoenfeld to G P W Jensen. Oct. 5, 1922
Oct. 9, 1922—W THIRTY-NINTH AV 33-4 S Clement S 33-4xW 90. Arthur Quira and Barney Quinn to whom it may concern. Oct. 9, 1922
Oct. 9, 1922—LOT 1 BLK 3173. Westwood Park. Henry I. and Eva Alves to Hans Nelson. Oct. 2, 1922
Oct. 9, 1922—N CHESTNUT 165 E Franklin E 27-6xN 137-6. Peter A Bricca to Franchella & Co. Oct. 5, '22
(Correction in Location)
Oct. 5, 1922—W ALLSTON WAY 96-5 N Ulloa No. 17 Allston Way. Robt J Neilan to whom it may concern. Sept. 25, 1922
Oct. 10, 1922—W FOURTEENTH AV 100 S Cabrillo S 50xW 120. Charles & Louise Schmidt to Harry Moran. Oct. 10, 1922
Oct. 10, 1922—SE CALIFORNIA AND, Thirty-second Ave S 100xE 32-6. Ida F McCain to Elling Ellingson. Oct. 9, 1922
Oct. 10, 1922—E LEAVENWORTH 87-6 S Turk S 50x82-6. Louis I Lurie to Vukievich & Bagge. Oct. 6, 1922
Oct. 10, 1922—NW VALLENIA AVE. Twenty-fifth N 162-5xW 90. Associated Oil Co to Adam Arras and A W Buschke (as Adam Arras Co) to whom it may concern. Sept. 30, 1922
Oct. 10, 1922—N CALIFORNIA 45 W Ninth Ave 25x100. O M Oylen to whom it may concern. Oct. 10, '22
Oct. 10, 1922—LOT 11 BLK 67 St. Francis Wood Ext No 1. Homes Loan Corp to Unit Constr Co. Oct. 10, 1922
Oct. 11, 1922—W THIRTY-SEVENTH, Ave 275 N Cabrillo N 25xW 120. Charles Krueckel to Thos E Mohler. Sept. 15, 1922
Oct. 11, 1922—E SEVENTEENTH AV 202 N Cabrillo 30x111-6. Louis P Taddeucci to R D Beckett. June 11, 1922
Oct. 11, 1922—E TWENTY-FIRST AV

275 S California S 25x E 120. Emilie I and Otto H Pfeiffer to Wm E Higginson Oct. 10, 1922
 Oct 11, 1922—W TWENTY-SIXTH AV 175 N California N 25xW 120. J Johnson to whom it may concern.....
 Oct. 10, 1922
 Oct. 11, 1922—E FIFTEENTH AVE 210 N Balboa E 24-3x127-6. P Mid-bust to whom it may concern.....
 Oct. 11, 1922
 Oct. 11, 1922—N GEARY 30 W 15th Ave W 75xN 106. Antien Despol to S Montani..... Oct. 11, 1922
 Oct. 11, 1922—COM. 106-11-8. E Montgomery and 85 S Sutter E 40-6 7/8 S 74-9 7/8 SW 50 N 105-0 1/2. The Provident Securities Co to Wm F Wilson Co, Oct. 11; Farrell & Reed..... Oct. 11, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
 Oct. 6, 1922—S CALIFORNIA 75 W Larkin W 39-6 S 80-6 E 25 N 44-6 E 14-6 N 26. P A Bigotta vs John B and Maria Rusconi and V Filippis \$1427.35
 Oct. 6, 1922—W DIVISADERO 50 N Bush 66x100. J S Guerlin & Co vs S and L Fiombo and M Dempniah \$460.05
 Oct. 6, 1922—W GRANADA AVE 104 N Lake View Ave N 25xW 112-6. F P Macchiusi vs Hilda Fenner..... \$134.56
 Oct. 6, 1922—W FRANKLIN 72-8 N Vallejo N 27-6xW 110. Frank Phillips vs George H Lydicksen..... \$98.50
 Oct. 7, 1922—W TENTH AVE 230 S Irving S 25xW 120. Wayne & Williams to Helen B Tassel formerly Helen B Monahan.....
 Oct. 9, 1922—N GREEN 69-9 W Divisadero W 34-4 1/2 xN 103-6. Richmond Electric Co vs L D Allen & Co, Windsor Terrace Co, L D Allen and Lizzie M Durbrow..... \$595
 Oct. 9, 1922—S GREEN 70 W Pierce W 30xS 50. W L Nix vs Adam Schaefer..... \$151
 Oct. 9, 1922—SW JAMESTOWN AVE 176 NW Ingalls. The Greater City Lumber Co vs Sid Arthur and Geo Opitz \$326.75
 Oct. 9, 1922—N TWENTY-EIGHTH 200 W Guerrero. The Greater City Lumber Co vs Calvin R and Helen C Suttlef and J Tarhitt..... \$352.65
 Oct. 10, 1922—E TWENTY-EIGHTH AVE 280 S Geary S 25x E 120. M G Peck vs Anna Schumann..... \$35
 Oct. 10, 1922—W FRANKLIN 124-8 N Vallejo N 27-6xW 110-4 Mangrum & Otter vs Maria and Mizio Tarrantino \$295
 Oct. 10, 1922—N GREEN 69-9 W Divisadero W 34-4 1/2 xN 103-6. Mangrum & Otter, Inc vs L D Allen and Windsor Terrace Bldg Co..... \$309
 Oct. 11, 1922—N GREEN 69-9 W Divisadero W 34-4 1/2 xN 103-6. Seipel & Johnson vs Lizzie M Durbrow, L D Allen & Co and Windsor Terrace Bldg Co..... \$346

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
 Oct. 11, 1922—PAGE 137-6. E Masonic Ave E 44-4 1/2 xN 137-6. In-laid Floor Co to Bernhard and Clara Vandyeke \$127.00
 Oct. 11, 1922—E POWELL 117-6 N Powell. Gaston Rene vs Gracienne Indart \$2726

CESSATION OF LABOR

SAN FRANCISCO COUNTY

Oct. 10, 1922—SW MASON & EDDY 147-6x137-6. Josephine Metzner, J

K Prior Jr, Matilda Andrews, Mary, Lester and Leland Prior, Margaret Delger with Dyer Brothers Golden State Iron Works. Work has ceased for 30 days.....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Oct. 10, 1922—SW POLK AND CALIFORNIA No 1459 Polk. Ethel Stein Pissis as to improvements on property
 Oct. 10, 1922—NW SEVENTH AND Stevenson No 32 Seventh George Adams Realty Co as to improvements on property
 Oct. 9, 1922—N. O'PARRELL bet. Main and Taylor No. 230 O'Farrell. Samuel Knight as to improvements on property

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am't.
4331	Wilson	Contractor	4500
4332	Grandma	Busch	2500
4333	Atkins	Petersen	4000
4334	Glantz	Owner	3000
4335	Rollar	Rollar	1150
4336	Clarizio	Rubenstein	3000
4337	de Lill	Gala	1500
4338	Hansen	George	2800
4339	Woodward	Holton	3500
4340	Dahlberg	Van Ness	2000
4341	Rurup	Owner	3000
4342	Brown	Stenbro	3600
4343	Reeves	White	9000
4344	Brown	Stenbro	2000
4345	Taylor	Rose	1000
4346	Simmensen	Schwantes	7500
4347	Correua	Strang	2000
4348	Locke	Hanskin	3500
4349	Kesti	Owner	1800
4350	Reeves	White	3800
4351	Perelra	Soares	4750
4352	Murphy	Owner	337400
4353	Regents	Parker	4000
4354	Stoberg	Myers	2000
4355	Pitzer	Owner	3000
4356	Hauri	Owner	1600
4357	Fraga	Owner	1000
4358	de Aguiar	Owner	1000
4359	D-Benedetti	Hopper	3500
4360	Matzell	Reed	2000
4361	Sjoberg	Myers	10000
4362	St. James	Cuthbertson	7600
4363	Shum	Engler	5050
4364	Ferguson	Tranmal	2800
4365	Thaxter	Owner	4700
4366	Noteware	Woolley	4000
4367	Shield	Lassen	12000
4368	Winsor	Henas	3760
4369	Sheldon	Smith	2250
4370	Lyman	Owner	6000
4371	Leithmann	Geary	5722
4372	Bauman	Carrioco	5800
4373	Hennings	Geary	3000
4374	Hinch	Owner	4439
4375	Schlinger	Haskell	5232
4376	Morris	Brennan	3099
4377	Star	Offe	3000
4378	Nott	Berkeley	3000
4379	Saxton	Bradhoff	7600
4380	Rienter	Owner	3000
4381	Pierney	Ballard	1050
4382	Havea	Owner	3500
4383	Grazio	Owner	14800
4384	Garrett	Haskell	5755
4385	Litchfield	Owner	7300
4386	MacGregor	Owner	4900
4387	Nott	Owner	4900
4388	Litchfield	Owner	6000
4389	Barritt	Sommarstrom	6000
4390	Barritt	Sommarstrom	6000
4391	Davidson	Dolan	3975
4392	Crosby	Owner	3000
4393	Smith	Owner	3500
4394	Sims	Owner	4000
4395	Shaffer	Owner	2500
4396	Litchfield	Walden	3500
4397	Long	Johnson	3500
4398	Saylor	Thornally	12120
4399	Pacific Tele.		

4400	Hotchkiss	Mallett	8000
4401	Cecil	Storm	10000
4402	Bowen	Chapton	3000
4403	Bergez	Chapton	1100
4404	Brown	Hazzard	1500
4405	Metcynolds	Lee	4500
4406	Nobrega	Leonardo	3685
4407	Nicho.	Owner	3300
4408	Howe	Sigwald	2700
4409	Healy	Owner	3000
4410	Hillen	Owner	3500
4411	Newman	Sommarstrom	8000
4412	Schmetzler	Owner	8000
4413	Adell	Owner	5000

DWELLING

(4331) NO. 961 ALAMEDA AVE., Berkeley. Two-story 7-room dwelling. Owner—J. A. Wilson, 640 Colusa St., Berkeley.
 Architect—None. \$5000

WAREHOUSE

(4322) W ADELINE 106 N 3rd St., Oakland. One-story tile warehouse. Owner—Granda Cookie Co, 335 Adeline St., Oakland.
 Architect—None.
 Contractor—F. C. Busche, 335 Adeline St., Oakland. \$4500

STORE

(4333) E BROADWAY 100 S Mather, Oakland. One-story store. Owner—H. L. Atkins, 4220 Terrace St., Oakland.
 Architect—None.
 Contractor—Fred Petersen, 4156 Terrace St., Oakland. \$2500

DWELLING

(4334) S BROOKWOOD RD. 30 W Shattford, Oakland. One-story 5-rm. dwelling. Owner—C. W. Glantz, 737 Brookwood Rd., Oakland.
 Architect—None. \$4000

DWELLING

(4335) N BROCKHURST 260 W West, Oakland. One-story 6-room dwlg. Owner—Chas. Rollar, 852 Brockhurst, Oakland.
 Architect—None.
 Contractor—Rollar & Stoner, Oakland. \$3000

ALTERATIONS

(4336) 531 CASTRO ST., Oakland. Alterations. Owner—J. Clarizio, premises.
 Architect—None.
 Contractor—K. Rubenstein, 668 6th St., Oakland. \$1150

DWELLING

(4337) S FAIRMOUNT 150 N Frisbie Place, Oakland. One-story 4-room dwelling. Owner—Mrs. Frances de Lill, 687 26th St., Oakland.
 Architect—None.
 Contractor—J. W. Gala, 5535 Hermosa Ave., Oakland. \$3000

DWELLING

(4338) FRUITVALE EXT., Oakland. One-story 3-room dwelling. Owner—Ray H. Hansen, 3990 Whittie Ave., Oakland.
 Architect—None.
 Contractor—W. W. George, 3232 Mantana, Oakland. \$1500

DWELLING

(4339) W FORTY-SEVENTH AVE. 88 4-room dwelling. Owner—Wm. Woodward, 1824 Central Ave., Alameda.
 Architect—None.
 Contractor—T. Holton, 4703 Foothill Blvd., Oakland. \$2800

DWELLING

(4340) 3558 GRAY ST., Oakland. One-story 3-rm dwelling. Owner—Mrs. N. W. Dohlberg, Oakland.
 Architect—None.
 Contractor—L. E. Van Ness, Box 433 R. F. D. No. 1, Oakland. \$1725

REPAIRS
(4341) 1227 HARRISON ST., Oakland.
Fire repairs.
Owner—Emily Hurup, 1537 Harrison St.
Oakland.
Architect—None. \$2000

DWELLING
(4342) S W COR. HIGH & LYON, Oakland.
One-story 5-room dwelling.
Owner—Chas. F. Brown, 1707 Broadway, Oakland.
Architect—None.
Contractor—A. Stenbro, 1707 Broadway, Oakland. \$3000

RWELLINGS
(4343) W HARRINGTON, 61 & 91 N Gray, Oakland. Two 1-story 4-room dwellings.
Owner—R. E. Reeves, 1506 37th Ave., Oakland.
Architect—None.
Contractor—G. N. White, 4040 Vale Ave., Oakland. \$1800 each

DWELLINGS
(4344) W HIGH ST., 39-79-119 S Lyon St., Oakland. Three 1-story 5-room dwellings.
Owner—Chas. F. Brown, 1707 Broadway, Oakland.
Architect—None.
Contractor—A. Stenbro, 1707 Broadway, Oakland. \$3000 each

REPAIRS
(4345) 3740 HARBOR VIEW AVE., Oakland. Fire repairs.
Owner—C. M. Henry & N. Taylor, premises.
Architect—None.
Contractor—A. H. Rose, 525 12th St., Oakland. \$2000

ALTERATIONS
(4346) 667 POUER, Oakland. Alter.
Owner—Mrs. Simmonsen, Oakland.
Architect—None.
Contractor—G. J. Schwantes, 6203 College Ave., Oakland. \$1000

DWELLING
(4347) S PRINCE ST 100 E Warfield, Oakland. One-story 8-room 2-family dwelling.
Owner—Mrs. M. Coneira, Oakland.
Architect—None.
Contractor—Fred Strang, 2221 San Antonio Ave., Alameda. \$7500

DWELLING
(4348) N PORTER ST. 180 W 38th Ave., Oakland. One-story 4-room dwlg.
Owner—W. H. Locke, 3811 Quigley, Okd.
Architect—None.
Contractor—S. T. Hanskin, Okd. \$2000

DWELLING
(4349) S RAMONA 190 W Moraga, Oakland. One-story 6-room dwlg.
Owner—David Kesth, 2131 Curtis St., Oakland.
Architect—None. \$3500

DWELLING
(4350) E SEVENTY-SECOND AVE 214 N Spencer, Okd. One-story 4-rm. dwelling.
Owner—R. E. Reeves, 1506 37th Ave., Oakland.
Architect—None.
Contractor—G. N. White, 4040 Vale Ave., Oakland. \$1800

DWELLING
(4351) W WOODRUFF 150 N E-38th St., Oakland. One-story 6-rm. dwlg.
Owner—A. M. Pereira, Oakland.
Architect—None.
Contractor—F. J. Soares, Hayward, Oakland. \$3800

DWELLING
(4352) S WELLINGTON 450 E Park Blvd., Oakland. One-story 5-room dwelling.
Owner—J. E. Murphy, 1916 Franklin St., Oakland.
Architect—None. \$4750

HALL
(4353) U. C. GROUNDS, Berkeley. Construct Haviland Hall.
land Hall.
Owner—Regents of U. C., Berkeley.
Architect—John Galen Howard, First Natl. Bank Bldg., S. F.
Contractor—K. E. Parker Co., Clunie Bldg., S. F.
Filed Oct. 5, 1922. Dated Aug. 28, 1922.
10th of each month 75¢
Usual 35 days 25¢
TOTAL COST, \$337,400

Bond, \$168,701; Sureties, Chas. C. Horton and W. H. Healy; Forfeit, \$100 day; Limit, 275 days; Plans and specifications filed.

DWELLINGS
(4354) N CHASE 33 AND 60 E Willow, Oakland. Two one-story 4-room dwellings.
Owner—J. G. Sjoberg.
Architect—None.
Contractor—W. J. Myers, 3214 High St., Oakland. \$2000 each

DWELLING
(4355) FRUITVALE EXTN., Oakland. One-story 4-room dwelling.
Owner—H. Pitzer, Box 7, Dimond Acres, Oakland.
Architect—None. \$2000

ALTERATIONS
(4356) NO. 404 FORTY-FIFTH ST., Oakland. Alterations.
Owner—Hauri & Wierk, 822 56th St., Oakland.
Architect—None. \$3000

DWELLING
(4357) NW HIGH AND SAN CARLOS, Oakland. One-story 4-room dwlg.
Owner—Joseph W. Fraga, 2185 High St., Oakland.
Architect—None. \$1600

DWELLING
(4358) N ROSS opp. Wilkins Ave., Oakland. One-story 4 room dwelling.
Owner—John de Aguiar, 357 Vernon St., Oakland.
Architect—None. \$1000

APARTMENTS
(4359) N RONADO opp. Grand, Oakland. Two-story 12-room apartments.
Owner—D. De Benedetti, 425 41st St., Oakland.
Architect—M. E. Hepper & Son, 1117 Webster St., Oakland. \$10,520

DWELLING
(4360) W TWENTY-FIRST AVE 37 N E-27th St., Oakland. One-story 6-room dwelling.
Owner—Matt Matzell, 2719 21st Ave., Oakland.
Architect—None.
Contractor—C. W. Reed, 2534 Pleasant St., Oakland. \$3800

DWELLING
(4361) NE WILLOW AND CHASE, Oakland. One-story 4-room dwlg.
Owner—J. S. Sjoberg.
Architect—None.
Contractor—W. J. Myers, 3214 High St., Oakland. \$2000

CHURCH
(4362) LOT 246 Map Fourth Avenue Terrace Extension, Oakland. All work except heating system for two-story frame church.
Owner—St. James Presbyterian Church.
Architect—W. J. Wythe, Central Bank Bldg., Oakland.
Contractor—Thomas A. Cuthbertson, 1766 12th Ave., San Francisco.
Filed Oct. 7, '22. Dated Oct. 4, '22.
Frame up \$7000
Brown coated 7000
Completed and accepted 7000
Usual 35 days Balance
TOTAL COST, plus 7%, not over \$29,000.
Bond, \$14,000. Sureties, J. H. McCallum and August D. Roth. Limit, 120 days
Forfeit, \$1 Plans and specification filed.

DWELLING
(4363) NO. 2832 ASHBY AVE., Berkeley. One-story 6-room dwlg.
Owner—Mary E. Shuman.
Architect—None.
Contractor—Louis Engler. \$7500

DWELLING
(4364) NO. 1 ORCHARD WAY, Berkeley. Two-story 8-room dwlg.
Owner—Ferguson.
Architect—W. T. Steilberg, 1 Panoramie Way, Berkeley.
Contractor—Trammell & Bradhoff, 484 Crescent St., Oakland. \$10,000

DWELLING
(4365) NO. 3629 REGENT ST., Oakland. Two-story 8-room dwelling.
Owner—P. W. Thaxter, 2117 Derby St., Berkeley.
Architect—None. \$5000

ALTERATIONS
(4366) NO. 5124 ETON AVE., Berkeley. Alterations and additions.
Owner—Mrs. W. C. Noteware, Prem.
Architect—None.
Contractor—E. F. Woolley, 767 Adams St., Albany. \$2900

DWELLING
(4367) NE BROADWAY TERRACE & Thomas, Oakland. One-story 7-room dwelling.
Owner—John A. Shield, 5323 College Ave., Oakland.
Architect—None.
Contractor—Lessen & Shield, 5323 College Ave., Oakland. \$4700

DWELLING
(4368) NE E-TWELFTH AND 30TH AVE., Oakland. One-story 6-room 2-family dwelling.
Owner—S. J. Winser, — Peralta Ave., Oakland.
Architect—None.
Contractor—J. A. Henas, 6922 Arthur St., Oakland. \$4000

ALTERATIONS
(4369) N E-FOURTEENTH 100 W 86th Ave., Oakland. Alterations and additions.
Owner—Pacific T. & T. Co., Sheldon Bldg., San Francisco.
Architect—None.
Contractor—W. G. Thornalley, 357 12th St., Oakland. \$12,000

DWELLINGS
(4370) W EIGHTY-SECOND AVE 80 & 129 N Plymouth, Oakland. Two one-story 3-room dwellings.
Owner—E. J. Lyman, 3751 Broadway, Oakland.
Architect—None.
Contractor—R. A. Smith. \$1850 each

DWELLING
(4371) W FRUITVALE AVE 300 N Hopkins, Oakland. One-story five-room dwelling.
Owner—L. Leithmann.
Architect—None. \$2250

FLATS
(4372) N FIFTY-EIGHTH 140 E Shattuck Ave., Oakland. Two-story 11-room flats.
Owner—J. Lauman, 592 58th St., Okd.
Architect—None.
Contractor—L. G. Geary, 524 58th St., Oakland. \$6000

DWELLING
(4373) N HOPKINS 200 N Park Blvd., Oakland. One-story 6-room dwlg.
Owner—M. E. Hennings, 2337 Harrison St., Oakland.
Architect—None.
Contractor—John Lehman, 959 Apgar St., Oakland. \$5772

DWELLING
(4374) W LEE 190 S Grand, Oakland. Two-story 5-room dwelling.
Owner—Jos. T. Hinch, Federal Bldg., Oakland.
Architect—None.
Contractor—B. Carrico. \$15,000

D'ELLING

(475) S SIXTIETH 260 E Colby St., Oakland. One-story 7-room dwlg.
Owner—J. Schlager, 1087 66th St., Oakland.
Architect—None.
Contractor—L. G. Geary, 524 58th St., Oakland. \$5800

D'ELLING

(476) E WOODDUFF AVE 150 S Hopkins, Oakland. One-story five room dwelling.
Owner—Ralph E. Morris, 839 Vermont St., Oakland.
Architect—None. \$2000

HEATING SYSTEM

(477) E FOURTEENTH 812 N Stanley Ave 210.82x132.76, Oakland. All work for steam heating for one-story warehouse and one-story office building.
Owner—Star Motor Co. of California.
Architect—None.
Contractor—Scott Co., 381 11th St., Oakland.

Filed Oct. 9 '22. Dated Oct. 6 '22.
10th of each month. 75%
Usual 35 days. 25%
TOTAL COST, \$4400
Bond, \$2200. Surety, New Amsterdam Casualty Co. Limit, 75 days. Forfeit, none. Plans and specifications filed.

STORE BLDG.

(478) 50 N OF W FORTY-FIRST & Broadway N 45xW 76, Oakland. All work for one-story frame store building.

Owner—L. A. Nott, 62 York Dr., Piedmont.
Architect—Frederick H. Meyer and Alvin R. Johnson, Bankers Invest Bldg., San Francisco.
Contractor—Albert A. Haskell, 4331 Montgomery St., Oakland.

Filed Oct. 9 '22. Dated Oct. 7 '22.
10th of each month. 100% of sub-
materials and labor; 75% of sub-
contracts. 25%
Usual 35 days. 25%
TOTAL COST, \$5232
Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

DWELLING

(479) NO. 1605 GROVE ST., Berkeley One-story 5-room dwelling.
Owner—Mrs. Saxton.
Architect—None.
Contractor—J. P. Brennan, 1515 Hearst Ave., Berkeley. \$3000

DWELLING

(480) NO. 2916 KING ST., Berkeley One-story 3-room dwelling.
Owner—Mr. G. M. Richter, 2320 King St., Berkeley.
Architect—None.
Contractor—F. Offe, 1025 Hearst Ave., Berkeley. \$2069

DWELLING

(481) NO. 2229 PAULDING, Berkeley One-story 6-room dwelling.
Owner—Martin Tierney, 544 Michigan Ave., Berkeley.
Architect—None.
Contractor—Berkeley Bldg. Co., Solano and Contra Sts., Berkeley. \$3000

DWELLING

(482) TUNNEL ROAD 180 E Domingo Berkeley. One and one-half-story 6-room dwelling.
Owner—Thomas C. Haven.
Architect—None.
Contractor—C. O. Bradbiff, 911 55th St., Oakland. \$7600

DWELLING

(483) NO. 1610 WARD, Berkeley One-story 4-room dwelling.
Owner—L. Grazier, 1407 10th St., Berkeley.
Architect—None. \$3000

FIRE REPAIRS

(484) 1708 BRUSH ST, Oakland, Fire repairs.
Owner—L. O. Garrett.

Architect—None

Contractor—J. Chester Ballard, 2628 13th Ave., Oakland. \$1050

DWELLING

(485) W BARTLETT 457 N Brookdale. One-story 5-room dwelling.
Owner—H. A. Litchfield, 3324 64th Ave., Oakland.
Architect—None. \$3500

DWELLINGS

(486) W BARTLETT 333, 374, 445, 499 N Brookdale, Oakland. 4 1-story 6-room dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. \$3650 each

STORE BUILDING

(487) W BROADWAY 90 N 41st St., Oakland. One-story store bldg.
Owner—L. A. Nott, 62 York Drive, Piedmont.
Architect—Meyer & Johnson, 742 Market St., S. F.
Contractor—Albert A. Haskell, 4331 Montgomery St., S. F. \$5755

DWELLING

(488) W BARTLETT 541, 582 N Brookdale, Oakland. One-story 6-room dwelling.
Owner—H. A. Litchfield, 3324 64th Ave., Oakland.
Architect—None. \$3650 ea.

DWELLING

(489) W BEST AVE 320 S Fleming, Oakland. One-story 6-room dwlg.
Owner—Barritt & Shealey, 2766 Kingsland Ave., Oakland.
Architect—None. \$4900

DWELLING

(490) E BEST AVE. 320 N Brookdale, Oakland. One-story 6-room dwlg.
Owner—Barritt & Shealey, 2766 Kingsland Ave., Oakland.
Architect—None. \$4900

DWELLING

(491) S CLARENDON CRESCENT 956 W Ashmont. One-story 7-room dwlg.
Owner—Chas. H. Davidson, 1575 Alice St., Oakland.
Architect—None.
Contractor—M. F. Sommarstrom, \$6000

DWELLING

(492) S CLARENDON CRESCENT 906 W Ashmont. One-story 7-room dwlg.
Owner—Arthur A. Crosby, 160 Lake St., Oakland.
Architect—None.
Contractor—M. F. Sommarstrom, 2215 Park Blvd., Oakland. \$6000

DWELLING

(493) W ELSTON AVE 280 S Hampel, Oakland. One-story 5-room dwlg.
Owner—C. J. Smith, Syndicate Bldg.
Architect—None.
Contractor—Leo J. Dolan, Syndicate Bldg., Oakland. \$3975

DWELLING

(494) N E COR. FOOTHILL BLVD. & Laverne, Oakland. One-story 5-rm. dwelling.
Owner—Wm. H. Sims, 1940 42nd Ave., Oakland.
Architect—None. \$3000

DWELLING

(495) E NINETIETH AVE 125 S Walnut, Oakland. One-story 5-room dwelling.
Owner—Mrs. Shafer.
Architect—None.
Contractor—R. Norlin, 2016 84th Ave., Oakland. \$3750

DWELLING

(496) W SIXTY-FOURTH AVE 150 N Trener, Oakland. One-story 6-room dwelling.
Owner—H. A. Litchfield, 3324 64th Ave., Oakland.
Architect—None. \$4000

DWELLING

(497) N TYRELL 117 E Courtland, Oakland. One-story 5-room dwlg.
Owner—Harry B. Long, 2312 Courtland Ave., Oakland.
Architect—None.
Contractor—J. T. Walden, 2312 Courtland, Oakland. \$2500

ALTERATION

(498) 25 WESTALL AVE, Oakland. Alteration and addition.
Owner—Mrs. Edlin A. Saylor.
Architect—None.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland. \$3500

ALTERATIONS

(499) N E-FOURTEENTH bet Highland & Oakland Aves., Okd. Alteration and addition.
Owner—Pacific Telephone & Telegraph Co., Shelden Bldg., S. F.
Architect—None.
Contractor—W. G. Thornalley, 357 12th St., Oakland.
Filed Oct. 9, 1922. Dated Oct. 4, 1922.
1st day each month. 75%
Usual 35 days. 25%
TOTAL COST, \$12,120

Bond, \$6000; Sureties, Herbert Beckwith & Frank W. Miller; Forfeit, \$50; Bonus, \$50; Limit, 30 days; Plans and specifications filed.

DWELLING

(4400) NO. 54 DOMINGO AVE., Berkeley. Two-story 8-room dwlg.
Owner—J. M. Hotchkiss, 5443 Boyd St., Oakland.
Architect—None.
Contractor—Powell Mallett, Acheson Bldg., Berkeley. \$8000

FLATS

(4401) NO. 2759-41 FULTON, Berkeley Two-story 12-room flats.
Owner—Mrs. Bessie B. Cecil, 3735 Fulton St., Berkeley.
Architect—None.
Contractor—W. H. Storm, 2800 Fulton St., Berkeley. \$10,000

DWELLING

(4402) NO. 1559 LINCOLN AVE., Alameda. One-story 5-room dwelling.
Owner—Mason Bowen, 2256 Central Ave., Alameda.
Architect—None.
Contractor—L. R. Chapton, 442 Haight Ave., Alameda. \$5000

REPAIRS

(4403) NO. 894 UNION ST., Alameda Repairs.
Owner—A. Bergez, Premises.
Architect—None.
Contractor—Hapton & Son, 412 Haight Ave., Alameda. \$1100

ALTERATIONS

(4404) NO. 916 UNION ST., Alameda. Alterations.
Owner—F. A. Brown, Premises.
Architect—None.
Contractor—H. M. Hazzard, 1224 Santa Clara Ave., Alameda. \$1500

DWELLING

(4405) NW ELWOOD AND VALLE Vista, Oakland. One-story six-room dwelling.
Owner—Mrs. L. D. McReynolds and Jessie D. Ogden.
Architect—None.
Contractor—Samuel Lee, 1832 San Antonio Ave., Alameda. \$4500

DWELLING

(4406) E EIGHTY-THIRD AVE 240 S Plymouth, Oakland. One-story 5 room dwelling.
Owner—Josef H. Nobrega, 1312 81st Ave., Oakland.
Architect—None.
Contractor—Frank J. Leonardo, 2221 Ayson Ave., Oakland. \$3685

WELLING
(407) N. 7710 FOOTHILL BLVD.,
Oakland. One-story 5-room dwlg.
wner—H. J. Nichol, Premises.
rchitect—None. \$3200

WELLING
(408) E HUMBOLDT AVE 50 S Deering
Oakland. One-story 4-room
dwelling.
wner—Beatrice S. Howe, 3240 E-14th
St., Oakland.
rchitect—None.
ontractor—J. W. Sigwald, 3927 Agua
Vista St., Oakland. \$2700

WELLING
(4469) E RANSOME 42 S Lyon Ave.,
Oakland. One-story 5-room dwlg.
wner—P. J. Henly, 39 Nace Ave.,
Piedmont.
rchitect—None. \$3000

WELLING
(4410) S TRASK 245 W Belvedere,
Oakland. One-story 5-room dwlg.
wner—R. C. Hillen, 5364 Trask Ave.,
Oakland.
rchitect—None. \$3500

STORES, ETC.
(4411) N TWENTY-FIFTH bet. Tele-
graph and Broadway, Oakland.
Two-story reinforced concrete
stores and shop.
Owner—A. Newman, 306 14th St., Okd.
rchitect—E. W. Cannon, Oakland.
ontractor—Sommarstrom Bros., 356
14th St., Oakland. \$8000

APARTMENTS
(4412) W THIRTY-SIXTH AVE 253 N
E-Fourteenth, Oakland. Two-story
12-room apartments.
Owner—Fred and Henry Schmetzler,
1445 36th Ave., Oakland.
rchitect—None. \$8000

DWELLING
(4413) E VALLE VISTA 250 N Bon-
ham Way, Oakland. One-story 6-
room dwelling.
Owner—Mrs. Mary Odell, — 43rd St.,
Oakland.
rchitect—None. \$5000

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Oct. 6, 1922—LOT 147 Map Fremont
Tract, Oakland. Lina Vigellus to
Shaw & Watson. Oct. 6, 1922
Oct. 9, 1922—LOT 26 BLK 12, North-
brae Tract, Berkeley. R B Church
to whom it may concern. Sept. 30, '22
Oct. 6, 1922—E MAPLE 280-56 N 51st
N 33E 125, Oakland. Pietro Fossio
to whom it may concern. Oct. 4, 1922
Oct. 6, 1922—E PTN LOT 9 Grand
Avenue Heights, Oakland. Jane
Hlnch to whom it may concern. .
Oct. 6, 1922—PTN LOT 21 BLK "D"
Map Ptn Berkeley Ppty situated
bet U. C. of Calif and State Deaf &
Dumb Asylum, etc., Berkeley. Eta
Alph Chapter of Phi Mu to
Walter Sorensen. Oct. 30, 1922
Oct. 6, 1922—LOT 5 BLK 1, Map
Dwight Way Gardens, Berkeley. L
E Turner to Hawkins & Thompson
Sept. 29, 1922
Oct. 6, 1922—W COLEGE AVE 297-90
S Claremont Ave S 39 W 103-92 NE
21-638 E 59-864, Oakland. Peter M
and Minnie B Reynolds and W B
Cianciarulo to whom it may con-
cern. Oct. 6, 1922
Oct. 7, 1922—N DOUGLAS 90 W Har-
rington Ave N 100 W 39-77 S 130 E
39-46, Oakland. H Aronson and J
T Nittler to Jos Flittner. Oct. 5, 1922
Oct. 7, 1922—NW HARRINGTON AV
and Douglas N 40xW 90, Oakland
H Aronson, and J T Nittler to Jos
Flittner. Oct. 5, 1922
Oct. 7, 1922—NE 40 LOT 19 BLK E
Map Bella Vista Park, Oakland. H

W McIntier to whom it may con-
cern. Oct. 7, 1922
Oct. 7, 1922—SE 10 LOT 13 and NW
30 Lots 15, 16, 17 and 18 Blk E Map
bella Vista Park, Oakland. H W
McIntier to whom it may concern.
Oct. 7, 1922—LOT 50 Map Fourth Ave
Terrace, Oakland. Joseph E Fer-
guson to whom it may concern.
Oct. 7, 1922—W MILVIA 80 S Eunice
Berkeley. Emma Virer to Jordan
& Zelle. Sept. 30, 1922
Oct. 10, 1922—LCT 51 BLK 23 Map
Resbvdn Ptn North Cragmont, .
Mrs. Rose Kirkpatrick to J H
Martin. Oct. 6, 1922
Oct. 9, 1922—SE CARLTON 104-9 E
Ellsworth, Berkeley. James W
Brazler to whom it may concern.
Oct. 5, 1922
Oct. 9, 1922—SE POPLAR LANE &
Mountain Ave, Piedmont. J J Val-
entine to M E Hepper & Son. .
Sept. 1, 1922
Oct. 3, 1922—LOTS 5, 6, 7 AND 8, ex-
cept W 21-42 Map North Side Park,
Berkeley. Margherita Melnero to
Tomosello. Sept. 30, 1922
Oct. 9, 1922—LOT 11 BLK "B" 4th
Avenue Terrace, Oakland. J A Gil-
hlan to W J Baker. Oct. 6, 1922
Oct. 10, 1922—N TWENTY-FIFTH
220 E San Pablo Ave E 50xN 100,
Oakland. Geo C Smith to J F
Loughery. Oct. 10, 1922
Oct. 10, 1922—NW THIRTY-TH
Ave 545 NE E-14th NE 30xNW 112,
Oakland. Martin Brennan to E L
Higgins. Oct. 6, 1922
Oct. 10, 1922—LOT 35 by 135 on W
Milvia 170 S Berryman, Berkeley.
P E Marquis to whom it may con-
cern. Oct. 9, 1922
Oct. 10, 1922—LOT 58 Map Lake
Knoll, Oakland. Harry P Fisher
to whom it may concern. Oct. 9, 1922
Oct. 11, 1922—E SACRAMENTO bet.
Allston Way and Addison, Berkeley
C S Barnard to whom it may con-
cern. Oct. 10, 1922
Oct. 11, 1922—N COTTAGE 59 W
Warfield Ave W 50xN 100, Oakland.
Sarah M Nelson to George Hudson
Sept. 30, 1922
Oct. 11, 1922—LOT 37 BLK 1427,
Steele Tract, Berkeley. Samuel
Richmond to Fred Hambleton.
Oct. 10, 1922
Oct. 11, 1922—E PARK 50 N Webb
Ave N 50x E 37-6, Alameda. H B
Blanding to G A Scott. Oct. 6, 1922
Oct. 11, 1922—E 30 LOT 3 and W
10 Lot 4 Map Resbvdn Ptn Blk "V"
Vernon Park, Oakland. Louise H
Short to C W Short. Oct. 2, 1922
Oct. 11, 1922—NO. 1000 GALVIN ST.,
Oakland. R B Cunningham to
whom it may concern. Oct. 10, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Oct. 6, 1922—NW NINETEENTH &
Jackson NW 165 NE 267-63 SE 150
SW 267, Oakland. Malott & Peter-
son vs P A Palmer. \$270
Oct. 6, 1922—LOT 3 BLK "L" Map
East Piedmont Heights, Oakland
Dominick Montane & Co vs Henry
J and Therese I Chavez and Josepa
and Elsie W Gaab. \$315
Oct. 7, 1922—LOT 50 Map Piedmont
by the Lake, Oakland. Hunter
Lumber Co vs C M Griffin and H
Kleigerman. \$366.03
Oct. 7, 1922—PTN LOTS 6 AND 7 BLK
B Map Survey G. C. Potter, Oak-
land. E P Tenney vs L A Sullivan,
Emile Higgenberger and G E and
Thelma L Fraser (Corbett & Bay-
liss). \$59.69
Oct. 7, 1922—LOT 8 Central Oakland
Tract No. 2, Oakland. E P Tenney
vs A A Sullivan, Mrs. Catherine
Corbett and G H and Thelma L
Fraser (Corbett & Bayliss). \$54.15

Oct. 7, 1922—LOT 20 BLK 4 Map
North Cragmont, Berkeley. Frank
Prieze vs Charles E Arthur and M
E Foreman. \$245
Oct. 10, 1922—S FIFTEENTH 75 W
Franklin W 25xS 84.3, Oakland.
Sunset Lumber Co vs F F Porter
and Paulson & Marlin. \$226.11
Oct. 10, 1922—LOT 20 BLK 4, Map
North Cragmont, Berkeley. Rotary
Oil Burner Co vs Charles E Arthur
and M E Foreman. \$106
Oct. 10, 1922—PTN LOT 18 BLK "H"
Map East Piedmont Heights, Oak-
land. Robert Boyd vs Sara M and
M Gillespie. \$159
Oct. 10, 1922—PTN LOTS 18 AND 19
BLK H Map East Piedmont Heights
Oakland. Robert Boyd vs Regina
and R Schlebner and M Gillespie.
\$159
Oct. 11, 1922—SE STOKAES AVE 570
SE E-14th St. SW 40 SE 151-32 NE
40 NW 151-24, San Leandro. W H
Whited vs Darling, Harding & Co.
\$200
Oct. 11, 1922—LOT 22 BLK "O" Map
Blk M, N, O, P, Harmon Tract,
Berkeley. Hoff Magnesite Co vs
W G Ahlf. \$213.78
Oct. 11, 1922—LOT 2 BLK "O" Map
Blk M, N, O, P, Harmon Tract,
Oakland. Hoff Magnesite Co vs W
G Ahlf. \$160.31
Oct. 11, 1922—SE SUNNYSIDE DR
693 NE E-14th NE 40 SE 179-80
SW 40 NW 179-83, San Leandro.
Clarence A Doane vs Darling,
Harding & Co. \$295
Oct. 11, 1922—NW SUNNYSIDE DR
303 NE E-14th St. NE 60 NW 181-54
SW 40 SE 181-50, San Leandro.
Clarence A Doane vs Darling,
Harding & Co. \$261.50
Oct. 11, 1922—SE SUNNYSIDE DR
283 NE E-14th NE 40 SE 180-05
W 40 NW 180-80, San Leandro.
Clarence A Doane vs Darling,
Harding & Co. \$257.50

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Oct. 6, 1922—LOT 19 FLK 19, Map
Key Route Heights, Oakland. Sun-
set Lumber Co to Ora L Rogers
et al. \$143
Oct. 9, 1922—LOT 1 BLK 408 Map
Wensinger Tract, Oakland. Sun-
set Lumber Co to Estate Emma M
Tittmore and C H Wood. \$117.97
Oct. 9, 1922—LOT 4 BLK 4 Map
Shaw Tract Blks 4, 6, 7, 8 and 9,
Berkeley. Hogan Lumber & Mill
Co vs J Driscoll. \$130.66

Notice of Non-Responsibility

ALAMEDA COUNTY.

Oct. 6, 1922—LOTS 72, 73, 74, 75 and
Ptn Lot 26 Blk 6, Map Key Route
Heights, Oakland. Alameda In-
vestment Co as to improvements
on property
Oct. 6, 1922—LOTS 77, 78, 79 and Ptn
Lots 76 and 80 Ptn 6, Map Key
Route Heights, Oakland. Alameda
Investment Co as to improvements
on property
Oct. 10, 1922—PTN BLK 15 Map Key
Route Heights, Oakland. Alameda
Investment Co as to improvements
on property
Oct. 10, 1922—LOT 16 and NW 12 1/2
Lot 17 Blk 7 Map Key Route
Heights, Oakland. Alameda In-
vestment Co as to improvements
on property
Oct. 10, 1922—PTN BLK 20 Map Key
Route Heights, Oakland. Alameda
Investment Co as to improvements
on property
Oct. 11, 1922—E RIGHT-OF-WAY opp
Engineer Station 174-94 E 14th W
26, Southern Pacific Co as
to improvements on property

BUILDING CONTRACTS

FRESNO COUNTY

\$5000 and Over Reported

ELEVATOR in Patterson Bldg., \$38,307; J. & Tulare Sts., Fresno; owner, Fresno Bldg. & Invest. Co., architect, R. L. Feichlin, Bank of Italy Bldg., Fresno; contractor, Burnett Mfg. Co., Santa Fe and San Benito Sts., Fresno; bond, \$19,132; limit, 156 working days; recorded, Oct. 4, 1922; dated Sept. 16, 1922.

DWELLING, \$5000; No. 911 Vassar St., Fresno; owner, John G. Porter, 943 Cambridge St., Fresno.

DWELLING, \$5850; No. 1624 Kerekhoff Ave., Fresno; owner, Ella C. Clark, contractor, Valley Constr. Co.; Mattei Bldg., Fresno.

OFFICE building, \$6750; No. 122 Inez St., Fresno; owner, Pacific T. & T. Co., 1363 J St., Fresno; contractor, Fisher & McNulty, Mattei Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Oct. 2, 1922—LOTS 28 AND 29 E 1/2 Lot 30 Blk 10, College Ave., Fresno. Hattie A. Eaton to whom it may concern.....Sept. 30, 1922

Oct. 3, 1922—LOT 18 BLK 1, Blvd. Gardens No. 2, Fresno. O W Wood to whom it may concern.....Oct. 2, 1922

Oct. 4, 1922—W 50 ft. of S 1/2 Lot 17, Norral Acres, Fresno. Thos S Wadsworth to whom it may concern.....Oct. 3, 1922

Oct. 5, 1922—LOT 2 BLK 9, Wilson North Fresno Trct., Fresno. Bertha E Brown to whom it may concern.....Oct. 4, 1922

Oct. 5, 1922—LOTS 41 AND 42 BLK 2, Arundale. G W Wilkinson to whom it may concern.....Oct. 4, 1922

Oct. 6, 1922—LOTS 33 AND 34 BLK 9, High Addition, Fresno. J G Wilhelm to whom it may concern.....Oct. 4, 1922

Oct. 6, 1922—S 40 FT. LOT 12 BLK 2, Leona Heights, Fresno. Joe Camadonica to whom it may concern.....Oct. 5, 1922

Oct. 7, 1922—LOT 1 BLK 10, Wilson North Fresno Tract, Fresno. G C Smith to whom it may concern.....Sept. 29, 1922

Oct. 7, 1922—W 1/2 LOT 16 and Lot 17 Blk 6, Van Ness Heights, Fresno. H W Kuhke to whom it may concern.....Oct. 6, 1922

Oct. 9, 1922—S 34.40 FT. OF N 104.40 ft. of Lot 3 Northern Hts. J. E. Ferguson to whom it may concern.....Oct. 6, 1922

Oct. 9, 1922—LOTS 12, 14, BLOCK 1, Frathers Add. M. Lucinia to whom it may concern.....Oct. 9, 1922

Oct. 10, 1922—LOTS 69 AND 70, Morera Tract, Fresno. W C Burton to whom it may concern.....Oct. 2, 1922

Oct. 10, 1922—BLK 66, K. B. H. Addition, Fresno. City of Fresno School District to whom it may concern.....Oct. 9, 1922

LIENS FILED

FRESNO COUNTY.

Recorded Amount
Oct. 3, 1922—LOTS 24 AND 25 BLK 6, Torrence Terrace, Fresno. Sunset Lumber Co vs Ray McGill.....\$1716

Oct. 3, 1922—LOT 7 Sub No. 1, Clark McKinney Tract, Fresno. Sunset Lumber Co vs Ella E McKinney.....\$121

Oct. 5, 1922—50 FT. LOT 9 BLK 15, Hazelwood Addition, Fresno. Independent Electric Co vs Tade-man.....\$33

Oct. 5, 1922—LOTS 17 TO 20 BLK 48, East Fresno. F H Smith vs Wm Canon.....\$123

Oct. 5, 1922—LOT 20 AND 21 BLK 1, Fortcamp Addition No. 2, Fresno. Sunset Lumber Co vs F Macdon.....\$150

Oct. 5, 1922—LOTS 2, 3 AND 4 BLK 9, Arlington Heights Tract, Fresno. Knott Lumber Co vs Kooman Bros.....\$306

Oct. 7, 1922—LOTS 7 AND 8 Temple Park, Fresno. Sunset Lumber Co vs E Myers.....\$1072

Oct. 7, 1922—LOT 15 Normal Acres, Fresno. Fresno Electric Co vs Sam Horton.....\$362

Oct. 7, 1922—LOTS 15, 16, 1 and 30 in Lot 49, Poppy Col., Fresno. H G Shirley vs John Manning.....\$57

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

\$2,500 and Over Reported

RESIDENCE, \$5000; W-Walnut St., Stockton; owner, A. B. Hicklin.

RESIDENCE, \$2500; S-Pilgrim St., Stockton; owner, E. J. Stockton.

OIL RESERVOIR, 750,000 bbl., \$53,000 and 74c per cu. yd. for excavation; Sec. 29 T 2 S, R 5 E, Stockton; owner, Pacific Oil Co., Inc.; contractor, Shattuck Constr. Co., 525 Market St., San Francisco; limit, 90 days. recorded Oct. 3, 1922.

RESIDENCE, \$3500; N-Baker St., Stockton; owner, Henrietta St. Stockton. 724 N-Baker St., Stockton

BRICK WALL, \$4900; North El Dorado St., Stockton; owner, Wagner Leather Co., Hunter and Oak Sts., Stockton.

RESIDENCE, \$5350; North Regent St., Stockton; owner, Herbert Cash, 1500 E-Pine St., Stockton.

RESIDENCE, \$2865; E-Elis St., Stockton; owner, Cleicher Barr.

STORE BUILDING, 2-story concrete, 121x101, \$43,189; East Weber, Stockton; owner, F. P. Black, 417 E Weber St.; contractor, Wm. J. Scott, Poplar Ave., Stockton.

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Oct. 2, 1922—LOT 21 BLK 13, East Stockton Addition, Stockton. E L Gnekow vs Chas S and Geraldine B Hart.....\$125

Oct. 7, 1922—LOT 5 BLK 17, Stockton. Stockton Plumbing Supply Co vs Chas C and Mira Fairchilds.....\$516.56

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Oct. 2, 1922—LOTS 21 AND 22 BLK 4, Northern Addition, Stockton. Audrey Salbach to T E Williamson.....Sept. 27, 1922

Oct. 2, 1922—LOTS 14 AND 15 BLK 16, Tracy. Chas Herbert Nevlin to whom it may concern.....Sept. 29, 1922

Oct. 3, 1922—LOT 10 BLK 1, Northcrest Sub, Stockton. W J Quinn to Sterling Bldg Co, Inc.....Sept. 22, 1922

Oct. 3, 1922—LOT 4 BLK 11, Rosedale Sub of Tracy. Lucille Aronholt Ruah to Wm C Brasch.....Sept. 30, 1922

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$25000 and Over Reported

FLATS, two-story 10-room and garage, \$12,000; No. 2721 J St., Sacramento, owner, J. A. Saunders, 2510 I St., Sacramento.

STORE AND FLAT BLDG., two-story, \$2975; No. 5266 Folsom St., Sacramento; owner, Maria Sears, Frem.; contractor, E. W. Book, 2912 G St., Sacramento.

DWELLING, one-story 4-room and garage, \$2950; No. 722 30th St., Sacramento; owner, Mrs. J. H. Rothwell, 817 29th St., Sacramento; contractor, P. R. Cpydyke, 1017 7th Ave., Sacramento.

DWELLING, one-story 5-room and garage, \$3700; No. 1901 31st St., Sacramento; owner, L. M. Morrison, 1820 J St., Sacramento; contractor, Thos. B. Hunt, 2926 S St., Sacramento.

DWELLING, one-story 6-room and garage, \$4500; No. 3526 H St., Sacramento; owner, Chas. L. Sivanton, contractor, J. P. Howell, 1837 47th St., Sacramento.

REPAIR dwellings, \$3000; No. 1009-1011 9th St., Sacramento; owner, Reese E. Estee, contractor, W. C. Keating, Capitol National Bank Bldg., Sacramento.

DWELLING, one-story 5-room and garage, \$3000; No. 2517 Portola St., Sacramento; owner, C E Rothschild, 3064 Marshall St., Sacramento

DWELLING, one-story 5-room and garage, \$3500; No. 1514 34th St., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, So. Curtis Oaks Co., 1755 Stockton St., Sacramento.

DWELLING, two-story 6-room and garage, \$4885; No. 2264 Portola St., Sacramento; owner, Wm. Gerkin, 2254 Portola St., Sacramento, contractor, Coleman & Holmes, 2621 25th St., Sacramento.

DWELLING, two-story 6-room and garage, \$6500; No. 2664 Mont St., Sacramento; owner, J. C. Carley Co., 823 J St., Sacramento; contractor, So. Curtis Oaks Co., 1755 Stockton St., Sacramento.

DWELLING, one-story 5-room and garage, \$2815; E St., Sacramento; owner, A. C. Weicher, 317 E St., Sacramento; contractor, C. E. Mendonhall, R 2 Box 1449, Sacramento.

DWELLING, one-story 5-room, \$2600; rage, \$1850; No. 2524 34th St., Sacramento; owner, W. F. Foster, 3409 4th Ave., Sacramento.

TWO DWELLINGS, 2 one-story 5-room and garage, \$3800 each; No. 1522 and 1530 34th St., Sacramento; owner, J. C. Carley Co., 823 J St., Sacramento; contractor, So. Curtis Oaks Co., 1755 Stockton St., Sacramento.

DWELLING, one-story 5-room, \$4100; No. 2503 Folsom St., Sacramento; owner, W. C. Saxton, 515 9th St., Sacramento; contractor, J. A. Saunders, 2510 I St., Sacramento.

FLATS two-story (4) and garage, \$10,500; No. 709 4th St., Sacramento; owner, F. H. Ireland, 1530 T St., Sacramento.

BRICK addition to garage, \$7900; No. 2930 M St., Sacramento; owner, H. H. Middleco, 2315 M St., Sacramento; contractor, W. L. Chatterton, 1032 12th St., Sacramento.

WAREHOUSE, one-story and office, \$5000; No. 2603 R St., Sacramento; owner, F. A. Holdesser, 2310 J St., Sacramento.

DWELLING, two-story 6-room and garage, \$6500; No. 1026 43rd St., Sacramento; owner, Roy Blair, California National Bank, Sacramento; contractor, F. P. Williams, 4440 San Benito St., Sacramento.

DWELLING, 7-room and garage, \$7500; No. 1238 40th St., Sacramento; owner, Mr. and Mrs. D. Ruff, 725 K St., Sacramento; contractor, J. A. Saunders, 2510 I St., Sacramento.

DWELLING, one-story 5-room and garage, \$4950; No. 2956 G St., Sacramento; owner, John Miller, 2600 G St., Sacramento; contractor, J. A. Saunders, 2510 J St., Sacramento.

DWELLING, six-room, \$2800; No. 2214 Fourth St., Sacramento; owner, M. Perry, S-Third St., Sacramento.

contractor, F. L. Lena, 1712 W St., Sacramento.
FLATS and garage (2-story), \$3750; 314 22nd St., Scto. Owner, Anna E. Williams, 4440 San Benito.
DWELLING (1-story 5-room) and garage, \$3800; 3316 "H" St., Scto.; owner, S. S. Christie, 2318 "H" St.
CHURCH, 1-story 2-room, \$3000; 1826 28th St., Scto.; owner, Church of Nazarene, 1826 28th St.
BUILDING, 2-story, 19650; Lot 45 44 S Curtis Oaks, Sacramento; owner, Mrs. G. Crane, 2606 L St.; contractor, J. A. Panshack, 1722 J St.
DWELLING, 1 story frame, \$2500; 4363 4th Ave., Sacramento; owner, F. Angelicci, 4363 4th Ave; contractor, D. Tatti, 2118 O St.
BUILDING, 1-story frame, \$2600; 3763 Miller Way, Sacramento; owner, F. O. Noel, 5023 Sacramento Blvd.
DWELLING, one-story frame, \$3000; 1843 43th, Sacramento; owner, A. Smoll, 1841 45th St.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
 Oct. 4, 1922—N 1/4 LOT 1804 and S 1/2 Lot 1816 Tct 25, Sacramento. Wm C Coffman to whom it may concernSept. 30, 1922
 Oct. 3, 1922—LOWER SCHOOL AND Hagginwood School. No. Sacramen- to School Dist. to whom it may concernOct. 6, 1922
 Oct. 9, 1922—E 1/2 OF W 1/2 OF S 1/2 lot 8 & W 1/2 of E 1/2 of S 1/2 lot 8. Seis Co and Castro Co., Sept. 18, 1922

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
 Oct. 7, 1922—N 83.43 FT. of E 42 ft. of W 59.96 ft. Lot 21, Oak Grove Tract, Sacramento. Property Owners Protective Association vs Grace Connolly and B W Groves...\$1007.94

BUILDING CONTRACTS

SANTA CLARA COUNTY.

\$1,000 and Over Reported

DWELLING
SAN JOSE All work for two-story frame dwelling.
 Owner—Mrs. Mary B. Leaman, 215 Hanchett Ave., San Jose.
 Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
 Contractor—Geo. W. Humphrey, 393 Prevost St., San Jose.
Filed Oct. 3, '22. Dated Sept. 29, '22.
 Rafters on\$1740
 1st coat plaster on 1740
 Completed and accepted..... 1740
 Usual 55 days..... 1740
TOTAL COST, \$6965
 Bond, \$3481.50. Sureties, M. L. Doane and S. H. Chase. Limit, 75 working days from Sept. 29, 1922. Forfeit, none. Plans and specifications filed.

ADDITION
 NO. 80 E-ST. JOHN ST., San Jose. All work for addition to house.
 Owner—Etta A. Pierson, Premises.
 Architect—None.
 Contractor—Walter Furtwangler.
Filed Oct. 3, '22. Dated ———.
 Floor joists and rafters in place 1/2
 Finish plaster on 1/2
 Upon completion 1/2
TOTAL COST, \$3665
 Bond, limit, forfeit, none. Plans and specifications filed.

GARAGE
 NO. 320-322 S-SEVENTH ST., San Jose
 All work for one-story frame garage.
 Owner—H. Hirsch, 320 S-7th St., San Jose.

Architect—None.
Contractor—Williams & Johnson, San Jose.
Filed Oct. 2, '22. Dated Oct. 2, '22.
 Completed and accepted.....\$125
 90 days after..... 50
TOTAL COST, \$175
 Bond, none. Limit, 12 working days from Oct. 2, 1922. Forfeit, none. Specifications only filed

APARTMENTS
MURPHY AVE., Sunnyvale. All work for two store rooms and two 3-room apartments.
 Owner—G. A. Warfield, Modesto.
 Architect—None.
 Contractor—W. E. Knight and F. E. Yanish, Sunnyvale.
Filed Oct. 6, '22. Dated Sept. 30, '22.
 Foundation in and rough floor on\$ 750
 Roof and building enclosed 1200
 Plastering finished 1200
 Building completed 1045
TOTAL COST, \$4195
 Bond, \$2100. Sureties, P. R. Wightman and C. W. Shephard. Limit, 60 working days from time started. Forfeit, none. Plans and specifications filed.

COTTAGE, five-room, \$3400; No. 610 N-Eleventh St., San Jose; owner, E. Ferrara, Premises; contractor, S. De Cela, San Jose.

COTTAGE, four-room, \$5000; Ninth St. near Julian St., San Jose; owner, Mrs. R. Jamieson; contractor, J. A. Wagner, 320 S-15th St., San Jose.

COTTAGE, 4-room, \$5000; S-Eleventh St., San Jose; owner, Frank Pickering, 837 S-2nd St. San Jose; contractor, C. V. Brown, 521 N-16th St.

ALTER second story, \$2500; San Jose; agents, Jos. H. Rucker Co., Second & Santa Clara Sts., San Jose; contractor, H. B. Sherman, 528 Chapman St., San Jose.

PASSENGER DEPOT, brick, \$7000; Santa Clara and 28th Sts., San Jose; owner, Western Pacific Co., 207 S-First St., San Jose.

ALTERATIONS, \$1500; No. 67 Delmar St., San Jose; owner, B. Rosette; contractor, Frank Perez.

COTTAGE, four-room, \$1800; Ninth St., near Washington St., San Jose; owner, D. G. Morgan, 353 N-14th St., San Jose.

ALTERATIONS, \$3655; No. 80 E-St John St., San Jose; owner, Etta Pierson, Premises; contractor, Petne & Furtwangler.

COTTAGE, \$2400; Fifth St. near Empire San Jose; owner, E. Edwards; contractor, C. Carlson, 42 Menker St., San Jose.

COTTAGE, \$2400; Seventh St. near Virginia St., San Jose; owner, Henrietta Chinchue, 354 N-Fifth St., San Jose; contractor, C. Carlson, 3 Meeker St., San Jose.

GARAGE, 7-part, \$1000; Third St. near San Salvador St., San Jose; owner F. E. Weaver, 75 Fuller St., San Jose; contractor, A. J. Bowen, 63 Fuller St., San Jose.

FLATS, two-story frame (1), \$7000; S-Gaynor St., bet. 24th and 26th Sts., Richmond; owner, G. B. Larose, 938 Park St., Oakland; contractor A. Schander, 2205 Buena Vista St., Richmond.

FLATS, two-story frame (2), \$4000; E-Fourteenth St., bet. Nevada and Barrett, Richmond; owner, Barney Viano, 150 14th St., Richmond; contractor, Bigsby & Walsh, 318 Kearney St., El Cerrito.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
 Oct. 2, 1922—LOT 10, Sycamore Tract No. 2, San Jose. Joseph J. Ditto to Vincent MaggioSept. 30, 1922
 Oct. 3, 1922—HESTER PARK, San Jose. D S Genardini to T J LaniniOct. 2, 1922
 Oct. 4, 1922—SAN JOSE. Frank F. Ferreira to Frank F. Ferreira.....Oct. 4, 1922
 Oct. 5, 1922—S-VENTY-FIRST ST. San Jose. E R Brent to A J NielsenOct. 3, 1922
 Oct. 5, 1922—N-EIGHTEENTH ST. San Jose. G Bertl to whom it may concern.....Oct. 5, 1922
 Oct. 6, 1922—GILROY. J. Lacaze to William Radtke.....Sept. 27, 1922

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
 Oct. 3, 1922—TOWN OF MONTE Vista. A E Holmes & W L Holmes (as San Jose. Hardware) Col vs Monte Vista Packing Co., \$1141.26
 Oct. 4, 1922—VINE ST., San Jose. A J Raich vs Sarto Navarre...\$247.50
 Oct. 4, 1922—VINE ST., San Jose. A J Raich vs Charles W Hawes...\$178.28

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
 Oct. 4, 1922—LOTS 3 AND 16 BLK 8. Hanchett Residence Park, San Jose. Hubbard & Carmichael Bros to Antonio Parisi\$2876.14

BUILDING CONTRACTS

SAN MATEO COUNTY

PARISH HOUSE
SE BALDWIN AVE AND EL CAMINO Real, San Mateo. All work for one-story parish house.
 Owner—The Church of Saint Mathew, San Mateo.
 Architect—Howard & White, Lick Bldg., San Francisco.
 Contractor—Leadley & Wiseman, San Mateo.
Filed Oct. 2, '22. Dated Sept. 28, '22
 Ready for lathing.....\$10,000
 Completed 13,673
 Usual 55 days..... 7891
TOTAL COST, \$31,564
 Bond, none. Limit, 125 working days. Forfeit, none. Plans and specifications filed.

CATTLE PASS
MILBRAE DAIRY, Milbrae. Furnish labor and material and construct to construct a cattle pass under the State Highway at Milbrae, Cal.
 Owner—Mills Estate Inc., Milbrae, Cal.
 Architect—None.
 Contractor—E. M. Whipple.
Filed Oct. 7, 1922. Dated Oct. 5, 1922.
 Excavating\$136 cu. yd.
 Plain concrete.....\$18 cu. yd.
 Reinforced concrete.....\$24 cu. yd.
 Conc. pave, 6-in. thick.....21c sq. ft.
 Pipe supports cast iron scrap cases \$234.

PIERCE-BOSQUIT
Abstract & Title Co.
 Capital Stock \$100,000
 Sacramento, Placerville,
 Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
 905 SIXTH STREET

Bitum pave. surfaces.....20c sq. ft.
 Basalt BlockCost plus 10%
 Monthly85%
 Usual 35 days15%
 Bond, \$5000; Sureties, Fidelity & Deposit Co., of Maryland; Forfeit, none;
 Limit, 65 working days; Plans and specifications filed. Completed under 60 working days, \$250 bonus.

HEATING

RAVENSWOOD, Cal. Instal. and furnish steam heating system for Ravenswood school.

Owner—Ravenswood School Dist. near Menlo Park. Cal.

Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

Engineer—A. A. Coddington.
 Contractor—The Knittle-Cashel Co., 224 5th St., San Francisco.

Filed Oct. 9, 1922. Dated Sept. 26, 1922.
 1st and 15th75%
 Usual 35 days25%

TOTAL COST, \$3680.00
 Bonds, 2, \$1840 each; Sureties, National Surety Co.; Forfeit, none; limit, none; Plans and specifications filed.

COMPLETION NOTICES**SAN MATEO COUNTY.**

Recorded
 Oct. 6, 1922—LOT 13 BLK 10, Burlingame Land Co. No. 3, Burlingame
 Paul R. A. Wessell to Clarence E. Fowler Sept. 25, 1922
 Oct. 6, 1922—LOT 15 Brewer Ppty Sub No. 1, Hillsborough S A Born to S A Born Bldg Co. Sept. 25, 1922
 Oct. 6, 1922—LOTS 19 AND 11, Brewer Sub No. 1 Hillsborough S A Born to S A Born Bldg Co. Sept. 25, 1922
 Oct. 6, 1922—LOT 13 BLK 4, Easton Addition No. 3, Burlingame W F Gilbert to whom it may concern Oct. 3, 1922
 Oct. 9, 1922—LOT 1 BLK 5 BURLINGAME Terrace, Burlingame, Cal. D. Houle to whom it may concern Oct. 2, 1922
 Oct. 9, 1922—LOTS 25 & 26 BURLINGAME Heights, Burlingame, Cal. G. Meyer to whom it may concern Oct. 6, 1922
 Oct. 9, 1922—LOT 10 BLK 6 BURLINGAME Park, No. 2, Burlingame, Cal. S. A. Covalier to Thomas N. Gesso Oct. 3, 1922
 Oct. 7, 1922—LOT 12 BLK 10 BURLINGAME Terrace, Burlingame, Cal. Charles S. Bell to whom it may concern Sept. 1, 1922
 Oct. 10, 1922—LOT 1 BLOCK 2 METROPOLIS Homestead Tract, Arthur M. Scott Jr. to whom it may concern Sept. 25, 1922
 Oct. 10, 1922—LOT 12 BLK 44 LYON and Hoag sub Burlingame. Alfred E. and Gertrude M. Flook to whom it may concern Oct. 10, 1922
 Oct. 10, 1922—LOT 10 BLOCK 4 CENTRAL Add. San Mateo. Raymond C. and Augusta Catto to Unit Builders Oct. 9, 1922
 Oct. 10, 1922—PECKS SUB OF SOUTH San Francisco (water mains). So. San Francisco Water Co. to H. S. Glackin Sept. 30, 1922

LIENS FILED**SAN MATEO COUNTY**

Recorded Amount
 Oct. 6, 1922—LOTS 25 AND 26 BLK 3 Burlingame Park No. 4, Burlingame W H Medley (as The Medley Plec Co.) vs E E Wenk\$71.75

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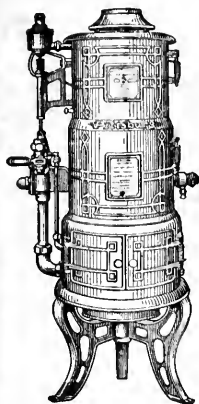
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Preliminary tests by the U. S. Bureau of Standards of a new method for determining both combined and uncombined nitrogen in iron and steel confirm the belief that the method will determine and make more certain the extent of uncombined nitrogen in steel, namely, nitrogen which is not determined by the Allen method. The new method depends on the absorption in calcium vapor of all the gases evolved from the steel sample when fused in vacuo. The nitrogen is fixed as calcium nitride which is then readily determined by solution in acid and distillation with sodium hydroxide.



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SAN FRANCISCO, CALIF., OCTOBER 21, 1922

Published Every Saturday
Twenty-second Year No. 42

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., OCTOBER 21, 1922

Twenty-second Year No. 12

Present and Pre-War Building Costs



No. 560 Mission Street,
San Francisco, Calif.

MRS. L. A. LAHNEN, Publisher
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SAN JOSE BUILDERS OPPOSED TO STATE HOUSING MEASURE

Architects and builders of San Jose are opposed to the Burnett amendment, which appears on the November ballot as No. 5. The stand was taken after hearing Edward Glass, Director of the State Housing Commission, discuss the measure. Characterizing the measure as "unscientific and vicious," Glass declared that its adoption "would be a retrograde movement in housing reform. He stated that the commission was against it because it does not lessen fire hazards, as its proponents are claiming, but increases them and, in addition, lowers the sanitary standards now established.

The speaker stated that the proposed amendment contains all of the bad features of present legislation and adds more bad features. He declared that it would permit the building of tenements in the rear of other buildings and that the fire exit provisions constitute a great fire hazard. He said that it increased the height of wooden tenement buildings and reduces by one-half the light courts and also reduces sanitary provisions.

STATUS OF FEDERAL AID ROADS

Over one thousand mile per month has been the rate of growth of completed Federal aid roads during the present working season, states the Bureau of Public Roads. The mileage completed on August 31, totaled 19,393 of which 6,491 miles have been added since the beginning of the year. On the same date there was under construction 14,670 miles. Federal aid roads in all stages from approved projects to completed roads now total 41,405 miles or 3 per cent of the system of highways being outlined by State and federal engineers to serve the whole country and which will consist of approximately 180,000 miles,

A study of the fluctuation in the cost of building and a comparison between present costs and those of pre-war days has been made by Secretary L. S. Patterson, of the Sacramento Master Builders' Association. Figures used in the study were taken from compilations made by the Associated General Contractors of America and are given out as an explanation of the reason why building costs today are greater than they were in 1913.

Patterson reaches the conclusion that the extreme prices of war years have passed but a general return to pre-war levels cannot be expected at this time.

Increase 1914 to 1919

Discussing the subject, Patterson says:

Figures showing the fluctuation in building costs during the period from 1913 to 1922 indicate practically no variation from early 1913 to the latter part of 1914. From that time until June, 1919, a steady increase occurred aggregating about 50 per cent over 1913. From June, 1919 until April, 1920, an exceptionally rapid increase occurred totaling 100 per cent over the previous year and 150 per cent over 1913.

From the peak in April, 1920, the cost of building has declined steadily until in April, 1922, it reached a point about 65 per cent higher than in 1913. Since April of this year prices have again increased until now they are 72 per cent of the 1913 level.

Material Prices

Comparing the cost of materials with the cost of building, the rise and fall in prices shows a marked similarity to the rise and fall in the cost of building with, however, the difference that material prices during the peak in 1920 increased to 200 per cent over the 1913 level. Material prices have since declined until they are on the average at the same level as the cost of building or about 72 per cent over 1913.

Labor—the other great cost that goes with material as making up the chief items of expense in building—shows a steadier but at the same time a lesser increase and decrease. Starting with 1913, labor costs gradually increased with few fluctuations until the middle of 1919 when they took a sharp upturn, reaching their peak in January, 1921. At this time they were 95 per cent over the 1913 level. At the same time, as noted above, material was 200 per cent higher and the total cost of building was 150 per cent higher.

Decrease Since January, 1921

From January, 1921, labor prices have decreased to 80 per cent over 1913. This decrease has, however, been far less sharp than the decrease of material from 200 per cent to 72 per cent and the cost of building from 150 per cent to 72 per cent.

The data used in securing the percentages on labor costs were secured from eight of the largest cities in the country and cover wages paid in eleven of the most important building trades. Material costs were secured on over forty different building materials from more than fifty cities reporting to the Department of Commerce.

Other Lines Similar

It is evident from the above figures that neither house construction nor

any other type of building can be carried on today as cheaply as in 1913 or 1914. This condition, however, is not confined to the building industry alone. Figures covering the wholesale prices on all commodities show increases and decreases that are very similar in extent and with respect to date of fluctuation to the increases and decreases noted above in the cost of building.

There were over 400 commodities used in figuring the percentages made up on the data on a general commodity index. These figures show a steady increase in all commodities from 1913 to 1920 with a slightly sharper upturn in 1917 which continued steadily until May, 1920. At that time all commodities were slightly less than 150 per cent higher than in 1913. From May, 1920, a decrease took place that continued until January, 1922. From that date until now prices have been increasing until they are at a level—that is, 55 per cent over the 1913 figure.

General Figures Lower

The comparison of all commodities with the cost of building shows that the cost of building reached a higher peak, and that commodities on the average have since reached a lower level, but in making up the data on all commodities figures were included on zinc, tin, copper and rubber that, for special reasons, are selling now at a lower figure than in 1913. This explains why the percentage on all commodities is lower today than is the percentage on building costs.

All of the figures quoted indicate an increase in prices during the past few months. This increase does not mean that prices are going back to the 1920 level. It probably does not mean that they are going much higher than they are now, but it is a strong argument that prices have settled down to a relatively permanent new price level.

Fluctuation to Be Expected.

In other words, for some years to come, prices will probably fluctuate in accordance with the ebb and flow of general business prosperity above and below some average point located at just about the present level.

It is possible that twenty years from now the general average may again reach the 1913 level, but if past history is an indication, building costs will not go down in the same ratio as they have in the past because the cost of lumber has been steadily increasing for years and will continue to increase because of the progressive destruction of the national forests.

1913 Double 1850 Level.

To those who think that building costs eventually will go back to the pre-war level, attention is called to the fact that the 1913 level was just twice as high as the level in 1850. Following the Civil War prices did not go back to the old level and they cannot be expected to act differently today.

Looking at the subject of building costs from all angles the only logical conclusion is that can be drawn is that the extreme price changes of the war period are passed; that if prices in general again reach their pre-war level it will only be after many years; that wages probably never will go down to their pre-war level and that the total cost of building, likewise, is permanently higher than it was before the war.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

With regard to the building situation throughout the United States, S. W. Strauss & Co. says: "Although the current season has been by far the most important one in the annals of the building and construction industries, there is no indication that the intensive pressure for some buildings throughout the country has spent its force. There is, of course, some slowing up at this time due to weather conditions, car shortage and freight embargoes, but fundamentally there is still a large demand for buildings, including industrial and commercial types as well as apartment houses. It should be borne in mind that the tremendous amount of building so far this year, amounting to more than \$2,000,000,000, has been accomplished in the face of many serious obstacles. The labor situation has been far from stabilized, general business has not entirely recovered normal momentum and conditions abroad have not improved generally. Therefore, there will be a demand for more buildings to take care of the inferior requirements of business, in addition to the shortage which was created by two seasons of comparative inactivity. It is to be remembered also that standards of living are constantly improving in this country. People are demanding better living accommodations and conveniences. Yesterday's luxury is today's necessity. This means the constant replacing of old structures for new ones to represent the last word in conveniences and comfort."

Any hopes lumbermen may have entertained for an active market during the fall months appear to have been blasted by transportation developments of the last fortnight, says the "Southern Lumberman," for the week ending Oct. 7. With impaired equipment the railroads are called upon to handle a volume of traffic beyond their capacity and one that approaches the record level, with the result that preference must be given commodities classed as essential. As lumber is without the pale of this classification it feels the full force of the situation. Recent reports from the principal lumber producing regions reveal a startling decline in the movement. Unfortunately, this falling off in shipments does not tell the story, for in addition to an acute shortage of cars, lumbermen have to deal with exasperatingly slow deliveries. The car shortage is reflected in the consumption of lumber, for the inability of users to obtain other materials equally as essential has adversely affected operations. In the meantime, when the thoroughly active market appears out of this more optimistic prospects are that the lumber business will remain up to the possibilities of available transportation facilities.

The Long Beach City Council will ask bidders to submit plans for incinerator for which bonus of \$125,000 have been voted.

With only nine months of the year thus far elapsed and building operations within \$1,000,000 of the record-breaking total of 1921, it is now assured that all previous high marks for construction will be broken in Honolulu this year.

Increased orders, shipments and production in the lumber industry last week as a result of settlements in the rail and coal strikes and the release of restrictions on the use of cars for lumber transportation, are reported by the National Lumber Manufacturers' Association. It is estimated by the association that the lumber industry is producing 98 per cent of its normal capacity and that shipments are 88 per cent and orders 83 per cent of normal production.

In the administration of the state housing laws, as carried on by the state Commission of Immigration and Housing, there is need of men to inspect hotels, apartments and other kinds of houses and to advise local officials and others regarding the correction of improper housing conditions. Men who have had experience of this nature or who are familiar with public health should communicate at once with the State Civil Service Commission, Forum Building, Sacramento, if they are interested in work of this character for the state.

The California Lumbermen's Association will meet in San Francisco October 28. The Whitcomb Hotel will be headquarters.

U. S. Civil Service Commission, Post-office Bldg., San Francisco, will receive applications until Nov. 21 for the vacancy exists under the Navy Department for duty at Naval Station, Pearl Harbor, Hawaii, at \$7.20 per diem. Apply for Form 1312, stating title of examination desired.

Oakland has two new corporations, capitalized at \$500,000 and \$250,000 respectively. Articles of incorporation have been filed for the Construction Finance Company of Oakland and for the Home Loan Security Company, J. R. Ball of Manteca, Carl I. Warnerke of Chester, H. Miller, H. C. Miller and Cedric W. Peterson of Oakland are directors of the first-named organization. M. A. Anderson, A. F. Tychsen, Olaf Anderson, Charles F. Ghelo and W. N. Gabriel will be directors of the second.

A. H. Lund, executive manager of the Oroville plant of the Hutchinson Lumber company, has returned from the East with the information that the company has increased its capital stock from \$5,000,000 to \$4,000,000. This increase of a million dollars Lund explained, was made to finance certain improvements and provide an additional working capital.

No public utility can arbitrarily discontinue its service or withdraw property voluntarily dedicated to a public use, according to a decision by the California state railroad commission ordering the San Diego Electric Railway to restore its service on Adams Ave. in San Diego. As the result of a dispute with the city authorities over paving, the company tore up about three-quarters of a mile of single track on this street. The company has agreed to rebuild the line with a double track and will be relieved by the city of paying its right-of-way.

John Sullivan, of Oakland, a pioneer in the lumber industry in California, position of Inspector of Construction, died at Groveland, Tuolumne county, October 14. Sullivan was well known in Fresno and Trinity County lumber camps and had recently been with the city of San Francisco at their mill at there.

E. G. Hammer, vice president of the Whitman County Iron Co., in a letter to Theron A. Noble, president of the Everett, Wash., Chamber of Commerce,

asks what encouragement his company would receive should it consider Everett as a site for its proposed new blast furnaces. The Whitman County Iron Company controls between 10,000,000 and 15,000,000 tons of hematite iron. This ore has shown a 60.75 per cent metallic content, whereas the Birmingham, Ala., fields show a 35 per cent metallic content and the Lake Superior fields, 50 per cent. Mr. Hammer writes that the company must establish a blast furnace in a city having facilities for water-home commerce. The company proposes to erect 50-ton blast furnace which would in time give way to one of greater size. Market exists on the Pacific Coast for pig iron and steel, writes Mr. Hammer, who says 3,000,000 tons are used annually on the coast.

Lumber rates to coast ports to the south from Puget Sound, Grays Harbor and the Columbia river have taken another advance of 25 cents per thousand feet to San Francisco. The rate to San Francisco now stands at \$75 as against \$6 the first part of the week. While the rate advance to San Pedro and San Diego has not been announced it will come the first part of the week.

CALIFORNIA WALL BED IS FEATURE OF INDUSTRIES EXHIBITION

Visitors to the California Industries Exhibition at the Municipal Auditorium are displaying keen interest in the exhibit of the California Wall Bed Co.

In collaboration with the leading architects in this section, the California Wall Bed Co. has worked out a system of concealment to the point where one may walk up to the side of the wall, touch a small ornamental fixture and a portion of the wall swings open as if by magic, displaying the bed ready to lower for a comfortable nights rest.

In a room already crowded with doors and windows, architects and builders have been confronted with the problem of placing an additional opening for a wall bed. The California secret installation solves that problem and at the same time conforms to the most modern ideas in wall decoration. It is simple in construction and takes but a depth of 22 inches closet space in a room.

The modern wall bed is but the perfection of an old idea brought up to date. Several folding beds have been found in the old Egyptian tombs, showing that in olden days kings and queens had wall beds developed at great expense for their use.

Today the modern California secret installation enables the humblest and the highest to avail themselves of the luxury of owning a bed, perfectly concealed during the day.

In addition to maintaining a permanent exhibit at 714 Market Street, San Francisco, the California Wall Bed Co. also maintains quarters at 165 Thirtieth St., Oakland.

"DAYLIGHT" BOOKLET

The Skybryte Co., Bangor Bldg., Cleveland, Ohio, has issued an illustrated booklet on natural light which is of value to architects, engineers and plant executives. Copies will be furnished free of charge on request.

STATE NEEDS SKILLED WORKERS FOR BUILDING PROGRAM

To keep pace with the great building program inaugurated by the State, and to be prosecuted during the coming Winter, it will be necessary to secure a large number of skilled tradesmen for all classes of work. This is announced by the State Civil Service Commission.

These tradesmen include bricklayers, carpenters, cement finishers, painters, plasterers, plumbers and inside workmen, of the helper, journeyman and foreman grades, all of whom will be employed in building construction.

In addition, there will be demand for skilled workers in other lines of construction, including blacksmiths, roofers, tinsmiths and mechanics, truck drivers, mechanics, machinists, general and automobile mechanics, of both the journeyman and foreman grades.

The work is permanent for the most part, and the wages are on the standard basis in accord with the prevailing wage of the locality in which the employment exists.

Selection of appointees will be made from lists now being made up by the State Civil Service Commission. All applications or inquiries should be addressed immediately to the Commission's office, Forum Building, Sacramento.

UNITED ENGINE AND MACHINE CO. ORGANIZED TO BUILD AT FRESNO

Plans for the purchase of a site and the erection of a large manufacturing plant, representing a total investment of more than \$200,000, are announced in Fresno by D. Sulprizio and G. J. Dolan, incorporators of the United Engine and Machine Company. Both men are in business in Fresno. Sulprizio is head of the Sulprizio Machine Works, 507 Broadway, and Dolan is owner of the Fresno Pattern Works, at 2137 Cherry Avenue.

The articles of incorporation authorize the issue of \$250,000 in stock, of which \$100,000 will be issued immediately. The concern already has assets of \$90,000, represented by the business of the two organizers. It is stated.

With the proceeds from the stock sale, the United Engine and Machine Company will buy a factory site, erect buildings, and proceed with the manufacture of heavy castings, valves and piston rings as a specialty. The firm will contract machine work and will install equipment of a type that will handle the biggest jobs that originate in the San Joaquin Valley, said Sulprizio.

Building plans provide for four structures. A machine shop will be built, 100 x 150 feet; a foundry and molding shop, 100x150 feet; pattern shop, 75x100 feet, and forge, 75x50 feet.

BUSINESS OPPORTUNITIES

Further information regarding these opportunities may be had from Foreign & Domestic Trade Department, San Francisco Chamber of Commerce, by referring to Index Number.

6349—Wellington, New Zealand. Importers desire a large stock and literature concerning leather goods, household goods, hardware, etc.

6355—Italy. Manufacturers of marine motors want connections in this territory.

6357—Italy. Agent in Milan desires connections with importers of artistically painted ceramics.

6358—Panama. Party desires catalogues of rice machinery and agricultural machinery used for rice cultivation.

6359—Los Angeles, Cal. Firm wants connections with San Francisco importers of German merchandise such as cutlery, thermos bottles, tableware, etc.

Building Throughout Nation Greater In Open Shop Cities

"The amount of building per capita in this country is 45 per cent greater in towns where construction is open shop than in cities where closed shop building conditions are all-powerful," declares Noel Sargent, Manager of the Open Shop Department of the National Association of Manufacturers. Mr. Sargent presents an analysis of building permits for the first six months of the present year in 45 American cities, with a combined population of 15,467,550, in support of his statement. In the 16 cities where 75 per cent or more of the building was on a closed shop basis, under which only those holding union membership cards can work, the building permits per capita were \$29.

The figures presented by Mr. Sargent reveal that in nine cities where build-

ing is from 25 per cent to 75 per cent open shop the per capita building permits were \$37 per capita, or 28 per cent greater than in the towns where less than one-fourth of the construction was open shop. In only one of these nine cities was less than half of the building performed under open shop conditions.

Averages from twenty cities in which building was more than 75 per cent open shop, or open to employment of both union and non-union workmen, show per capita building permits of \$42, or 15 per cent greater than in the cities where the same amount of building was done under closed shop conditions.

The complete tables presented by Mr. Sargent follow:

Where 75 Per Cent of Building Was Closed Shop

Town	Population	Building Permits 6 months	Permits per Capita
Houston	138,276	\$7,544,323	\$55
Washington, D. C.	437,571	21,679,658	49
Yonkers	100,176	4,322,800	43
Louisville	129,614	4,440,735	34
Springfield, Mass.	126,468	4,291,115	34
Des Moines	324,410	10,741,190	33
Kansas City	152,559	4,336,575	32
Dayton	101,247	12,869,935	32
Cincinnati	295,750	8,813,659	30
Rochester	588,343	16,436,586	28
Pittsburgh	756,841	20,881,615	28
Cleveland	120,485	2,438,192	26
Fall River	137,783	2,375,595	17
Sacramento	772,897	11,152,826	14
St. Louis	387,219	4,871,555	13
New Orleans	5,144,530	\$147,497,554	\$29

Building From 25 Per Cent to 75 Per Cent Open Shop

Town	Population	Building Permits 6 months	Permits per Capita
Dallas	158,976	\$5,749,464	\$61
Portland	258,938	12,866,140	50
Memphis	162,351	7,181,141	44
Atlanta	200,618	8,618,673	43
Albany	214,194	12,093,182	38
Philadelphia	157,147	16,476,456	36
Milwaukee	215,312	10,376,740	23
Seattle	121,217	3,306,240	27
New Bedford	506,775	10,785,000	21
Buffalo	2,494,876	\$91,453,076	\$37

Where Building Was 75 Per Cent Open Shop

Town	Population	Building Permits 6 months	Permits per Capita
Tulsa	576,673	\$58,459,250	\$102
Los Angeles	716,830	10,022,541	70
San Diego	67,327	1,303,000	61
Johnstown, Pa.	70,983	4,508,271	63
South Bend	216,261	12,154,604	56
Cleveland	171,667	8,267,579	50
Richmond, Va.	72,075	3,585,820	49
Omaha	81,295	4,423,802	48
Oklahoma City	748,060	35,044,715	47
Boston	506,676	23,356,707	46
San Francisco	224,698	10,238,192	44
St. Paul	137,634	5,655,972	41
Grand Rapids	993,678	40,650,642	41
Detroit	380,582	14,805,600	40
Minneapolis	256,491	9,293,000	36
Denver	237,031	7,577,500	32
Columbus	1,823,779	52,426,645	30
Philadelphia	733,822	19,449,260	27
Baltimore	191,601	4,618,254	24
Omaha	243,164	4,010,603	16
Toledo	7,828,184	\$329,267,101	\$42

Commenting on the above tables, Mr. Sargent declared that open shop building conditions "mean that more is being done to relieve the housing shortage and to lower rents. A study of governmental figures for 1921 revealed that rents increased one-half of one cent during the year when shop, as compared with an average increase of fifteen per cent, thirty times as great, in those cities where building remained closed shop. The closed shop system is the real profiteer in the present rent and house-building situation.

"Of twenty open shop towns only three had per capita permits lower than the average in all the sixteen towns where building was closed shop the

first half of 1922. And five of the open shop towns had greater per capita permits than the highest closed shop averages based on permits from these forty-five towns present a fair picture of the results of open and closed shop conditions in the building industry of the entire United States, since 35 of the cities are included in the 50 largest towns of the country.

"The growth of open shop building in the last twenty years has been remarkable, and has thrown a scare into the closed shop union leaders. Twenty years ago only one town in our list of 15 cities had a preponderance of its construction erected open shop; twenty-five of these cities today have over one-half of their building construction

done on that basis. In Boston the contractors signed an agreement in July to prevent non-union building workers from obtaining jobs; this surrender of principle and allegiance to the union dictators is, however, an exception, and in most of the cities listed above the amount of open shop construction is steadily increasing.

"New York City was not included in the closed shop group since all authorities agree," says Mr. Sargent, "that building permits in New York City are on a highly inflated and artificial plane as a result of special tax-exemption laws. Consequently," asserts Mr. Sargent, "it would be grossly unfair to include New York City in our closed shop group. The sixteen cities so included have a combined population of 5,144,530 and to include New York City, with a population half a million greater, would give us an average which would not at all fairly represent the result of closed shop building conditions when the country as a whole is considered. And as a matter of fact, in at least four cities where building is predominantly open shop building permits per capita are higher than in New York City, despite the latter's tax exemption laws. Chicago is not placed in any of the groups, since the situation there as a result of the Landis award makes a definite classification almost impossible."

SAN FRANCISCO CAPITALISTS WILL CONSTRUCT \$2,500,000 SMELTER

San Francisco capitalists are planning to erect a \$2,500,000 smelter near Contact, Nevada, according to Phillip Thomas, manager of the Three In One Mining Company at Elko. Thomas states the plant is to be erected at Madeline, a siding on the projected Idaho Central railroad, fifteen miles south of Contact. The location is declared to insure freedom from trouble with agricultural interests over smelter fumes.

It is said the smelter will be a rival of the Nevada Consolidated plant at McGill and that construction will start as soon as plans have been approved and preliminary arrangements completed. Thomas is credited with stating that ample capital has been provided and that a vast tonnage of commercial ore is blocked out in several copper properties in the Contact district.

New Railroad Financed

Reports received in Elko are to the effect that the proposed Idaho Central railroad, extending from Rogerson, Idaho, to Wells, Nevada, via Contact, has been financed by Conrad Wolfe and associates of Oakland, Cal. Chief Engineer Hansen stated while in Wells that he expected to see trains running on the Idaho Central before the end of next summer, and handling heavy shipments of ore from Contact.

MITCHELL-JACKSON OPERATING AT SAN MATEO

The Mitchell-Jackson Co. has been organized at San Mateo and will engage in the business of architecture and construction. Mr. Mitchell was formerly connected with A. Horn Building Co., in the capacity of Superintendent of construction and Mr. Jackson as Chief Architectural Designer of the same company. Offices are maintained in the Daytona Bldg., 170 Second Ave., San Mateo.

The U. S. Molybdenum Metals Co., Ltd., recently organized, has leased the yards of the Standifer Shipbuilding Co. at Vancouver, Wn., and will erect a huge smelter and refinery where will be treated the ores from the company's mining properties in the Spirit Lake district about 30 miles northeast of Vancouver.

Big Road Building Program Ahead

Fifteen to twenty years of building good roads lie ahead of the United States. Under the program which the country has adopted there will be built, during that time, 180,000 miles of improved highways which will constitute the Federal-aid highway system and an equal or greater mileage of State and local roads. When the great job is done, the transportation facilities of the country will far exceed those of any other nation, past or present. In the Roman The highways of the ancient Romans, whose fame has come down through the centuries, will pale by comparison.

Details of this vast road-building program are to be placed before the Highway Education Board at its conference in Washington October 26 to 28, inclusive, by State Highway Engineers and officials of the Bureau of Public Roads, United States Department of Agriculture, to whom has been entrusted the work of planning and supervising the construction of Federal aid highways. The plan will be presented to enable the Board to proceed authoritatively with its work of devising aids for schools and colleges to which road-builders of the country are turning for competent highway engineers. Officials of the bureau place the aggregate cost of the Federal-aid program alone at about \$3,000,000,000, spread over the twenty-year period. They base this estimate on an average cost of \$17,000 per mile. The average cost, in turn, takes into consideration all classes of improved roadways from the cheapest to the most expensive types. Approximately one-third of the proposed system, or 60,000 miles of improved highways already are either built or building.

The program is a new one. Up to comparatively recent years, road-build-

ing in the United States had been conducted without special regard to a national system. Highways had been constructed without special regard to a national system. Highways had been constructed where needed without considering whether they would link up in the most effective manner with the whole network of roads to be spread over the Nation. Engineers had sought more to meet immediate and local demands than the broader requirements of the states and nation.

The present Federal-aid road-building program, officials of the bureau state, will contemplate the construction of only such roads as fit into the national program and contribute to the national system. At the same time the roads will be so selected as to serve the most important local requirements. With marked modifications the system adopted in building the railways of the country will be borne in mind in the construction of the country's new highways. There will be main lines of highway communication between centers and thousands of miles of feeder roads, reaching back into the more sparsely settled regions and into the rich agricultural sections, to tap areas whose population and products will flow over the new system.

New roads will be planned and built—thousands of miles of them—where they will fit in most advantageously with the entire program. The bureau is continuing its research work into most efficient methods of road-building, including character and wearing power of materials, resisting qualities of varying sub-soils, etc., and has amassed a considerable store of valuable information all of which will be available for the highway engineer of tomorrow, whom the Board is seeking to have educated in practical and modern methods.

BUREAU OF PUBLIC ROADS MAKING CONCRETE BRIDGE TEST

A reinforced concrete skew arch bridge one fourth the size of a full size bridge has been built by the Bureau of Public Roads and is being tested to destruction to gain information which will prevent the destruction of this type.

There are many locations where it is necessary to carry a highway diagonally across a stream, the engineers explain. Under such conditions it is customary to build what is known as a skew bridge and when that bridge is an arch, the arch is known as a skew arch, the abutments or supports not being at right angles with the roadway. When the abutments are at right angles to the axis of the arch the structure is known as a right arch. Engineers can design right arches very economically but there is a great difference of opinion with regard to the economical design of the so-called skew arch.

The principal difference of opinion among engineers is with regard to the manner in which the load is transmitted to the abutments. In the right arch the load on the abutments is the same for each foot of length but on the skew arch this probably is not the case, and the important question to be settled is the distribution of the load from one end of the abutments to the other.

It was with this object in view that a series of tests have been started on skew arches by the U. S. Bureau of Public Roads. At the present time the Bureau has under way at its Arlington Experiment Station a test on a skew arch designed to be one-quarter the size of an actual structure. The arch being tested is 7 feet in span, 4½ feet in width from face to face and 4 feet in

height above the base of the abutments. The crown or midpoint is 2 inches in thickness and the barrel of the arch is reinforced with 4-inch bars bent very carefully into correct shape.

The arch is being tested with a uniform load and this loading is being accomplished in a rather unique manner, as follows: spiral springs, each capable of carrying a load of 1500 pounds, are placed at uniform intervals on top of the arch and each spring supports a 2-inch pipe, which in turn bears against a solid overhead structure. By adjusting the lengths of these pipes the springs are deflected and the amount of load applied to the arch may be controlled by the amount the springs are compressed. In this way, it is possible to obtain fine adjustments in the amount of load applied without the necessity of niling heavy weights. As the load is increased on the arch, it deflects and the concrete and steel are deformed or strained, and the engineer wants to know how these strains are distributed.

For the measurement of strains in the concrete a device known as a strain gage is being used. With this device it is possible to detect strains with an accuracy of .0002 of an inch, by carefully measuring the strains throughout the arch it is possible to determine the manner in which the stress is distributed and it is believed that through a series of such tests enough information will be obtained to enable the engineer to formulate rules for the economical design of skew arches.

In addition to determining the strains in the arch, the observations include measurements of deflection of the arch under load as well as a measurement of the stress in the tie rods between the abutments.

180,000 MILES WILL CONSTITUTE FEDERAL AID ROAD SYSTEM

Fifteen to twenty years of building good roads lie ahead of the United States. Under the program which the country has adopted there will be built during that time, 180,000 miles of improved highways which will constitute the Federal-aid highway system and an equal or greater mileage of State and local roads. When the great job is done the transportation facilities of the country will far exceed those of any other nation, past or present, in the world. The highways of the ancient Romans, whose fame has come down through the centuries, will pale by comparison.

Details of this vast road-building program are to be placed before the Highway Education Board at its conference in Washington, Oct. 26 to 28 inclusive, by State Highway Engineers and officials of the Bureau of Public Roads, to whom has been entrusted the work of planning and supervising the construction of Federal-aid highways. The plan will be presented to enable the Board to proceed authoritatively with its work of devising aids for schools and colleges to which road builders of the country are turning for competent highway engineers.

Officials of the Bureau place the aggregate cost of the Federal-aid program at about \$3,000,000,000, spread over the twenty-year period. They base this estimate on an average cost of \$15,000 a mile. The average cost, in turn, takes into consideration all classes of improved roadways from the cheapest to the most expensive types, approximately one-third of the proposed system, or 60,000 miles of improved highways, already are either built or building.

The program is a new one. Up to comparatively recent years, road-building in the U. S. had been conducted without special regard to a national system. Highways had been constructed where needed without considering whether they would link up in the most effective manner with the whole network of roads to be spread over the nation. Engineers had sought more to meet immediate and local demands than the broader requirements of the States and nation.

The present Federal-aid road-building program, officials of the bureau state, will contemplate the construction of only such roads as fit into the national program and contribute to the national system. At the same time, the roads will be so selected as to serve the most important local requirements. With marked modifications, the system adopted in building the railways of the country will be borne in mind in the construction of the country's new highways. There will be main lines of highway communication between centers and thousands of miles of feeder roads, reaching back into the more sparsely settled regions and into the rich agricultural sections, to tap areas whose population and products will flow over the new system.

New roads will be planned and built—thousands of miles of them—where they fit in most advantageously with the entire program. The bureau is continuing its research work into most efficient methods of road building, including the character of wearing surfaces of varying sub-soils, etc. and has amassed a considerable store of valuable information all of which will be available for the highway engineer of tomorrow, whom the Board is seeking to have educated in practical and modern methods.

Enlargement of Orland Irrigation Project Proposed

The construction of a reservoir-lake distal back of the Brownell or Julian Rocks and the forming of a new unit to the Orland irrigation project of 25,000 to 30,000 acres, has been declared to be a major project of the work of the Orland Chamber of Commerce. This was decided upon at a meeting of the directors.

The proposed addition would consist of from 25,000 to 30,000 acres of land southwest and south of the present Orland project. The irrigated lands would probably extend to within two miles of the town of Artes and water would irrigate all that vast area of land to the west of the highway between Greenwood and Artes as well as much of the land to the east of the highway.

The new project would come under the same reclamation act under which the present project is operated. The

payments of the construction would extend over twenty years without interest.

The construction of the dam at Julian or Brownwell Rocks would be an engineering feat of the first magnitude on account of the width and height necessary to impound approximately 125,000 acre-feet of storage water. The lands would be irrigated entirely by storage water.

While no detailed report has been given out as to the cost of the construction work, it is estimated that it would be approximately \$3,000,000. This would bring the construction cost on the new lands somewhere in the neighborhood of \$100 per acre, according to the total acreage. Actual construction would cover a number of years and water would not be available, it is estimated, for the new project for another five years.

Chicago Citizens' Committee Sets Forth Its Platform and Working Principles

Work of the Citizens' Committee to Enforce the Landis Award in reducing the "labor hazard"—a factor which in its way was as great a danger to good housing in Chicago as the carelessly tossed match, the forgotten heap of oily waste, and other preventable features of the city's annual tribute to the fire king—is graphically set forth in the committee's new handbook, issued recently.

The handbook lists 1286 contractors of all types and classes, 417 architects, and nearly 100 engineers who are backing the campaign to bring to a Chicago's construction under the Landis award. Twenty-eight Chicago offices of insurance companies are also backing the Committee's work.

The booklet also lists the wage scale effective in the building trades until May 31, 1923, under the terms laid down by former Federal Judge Landis in his now famous decision. The thirteen trades where the unions have refused to come under the award are marked with an asterisk, and these trades are operated on an open-shop basis by the committee.

Committee's Platform

The Committee's platform is set forth briefly as follows:

"The Citizens' Committee is now incorporated as a permanent organization and has adopted the following policy:

"1. Those employers who continue their operations under the terms and conditions of the Landis Award will be encouraged and, when necessary, protected in their operations.

"2. Those unions which accept the terms and conditions of the Landis Award, both in spirit and in fact, will be supported.

"3. The sale and use of material going into building operations shall be free from arbitrary restrictions.

"4. Contractors who refuse to operate under the Landis Award deserve neither the encouragement nor the support of the public.

"5. In those trades where the unions do not accept the terms and conditions of the Landis Award, work shall continue by workmen who are willing to work, regardless of their union affiliations. These men will be protected and these trades will be permanently established on the basis of the open shop."

Working Principles Outlined

Next follows the "Principles Established by the Landis Award" which the committee and its backers have pledged themselves to uphold. These are:

"1. Peaceful adjustment of disputes by arbitration.

"2. No stoppage of work, either individually or collectively, under penalties prescribed.

"3. In the case of scarcity of help, non-union men may work with union men until such time as union men may be obtained.

"4. Any journeyman may use in his work the tools of any other trade.

"5. Small tasks of 30 minutes' duration in any one day belonging to any trade may be performed by any other trade at the discretion of the employer.

"6. Overtime work during 2½ hours beyond the regular working day shall be compensated at 1½ times the regular wage.

"7. Overtime work beyond this and Saturday afternoon, Sunday and holidays shall be paid for at double the regular rate.

"8. Shift work shall be paid at the regular rate.

"9. Benefits of these agreements shall apply to those not members of associations by joining the association.

"10. There shall be no restriction of output.

"11. There shall be no restriction as to the use of machinery, methods, or appliances.

"12. There shall be no restriction against any raw material or manufactured material except prison made.

"13. Employers may employ or discharge whomsoever of the union they please and employees may work for whomsoever they see fit.

"14. The foreman is to be exclusively the agent of the owner.

"15. Nothing shall prohibit an employer, or one member of the firm from working on his own job."

FORMER SAN JOSE CITY ENGINEER HAS \$1,000,000 PAVING PROJECT

The San Jose Mercury-Herald, under date of Oct. 18, says:

Friends of G. W. Hunt, former city engineer of San Jose, will be interested to learn that he is now in charge of a paving project involving an expenditure of from one to two million of dollars, at Monterrey, Mexico.

Mr. Hunt is chief engineer and assistant manager of the James F. Martin Company of Tampico, to which concern a contract has been awarded for paving all the streets of Monterrey. The work is expected to last from 12 to 18 months, so that Mr. Hunt is making his residence at Monterrey for the first six months the work is in progress.

Conditions in Monterrey differ from those which Mr. Hunt found in San Jose, as the streets vary greatly in width, ranging all the way from less than six meters to more than 50 meters. The total area to be paved is estimated to be about 370 square meters.

Building News Section

APARTMENT HOUSES

Plans Being Figured.
APT. HOUSES
BERKELEY, Alameda Co., Cal., Northbrae.
 One-story addition to present 1-story store bldg. for 4 apartments.
 Owner—Withheld.
 Architect—W. H. Ratcliff, Jr., 1st Natl. Bank Bldg., Berkeley.

Contract Awarded.
APT. BLDG. Cost, \$23,000
OAKLAND, S E 41st and Grove Sts.
 Two-story frame store and apt bldg.
 Owner—M. & M. Kavanaugh 4012 Grove St., Oakland.
 Architect—East Bay Planners, 306 14th St., Oakland.
 Contractor—H. P. Nelson, 1947 Blake St., Berkeley.

Plans Completed.
APT. HOUSES Cost, \$35,000 ea.
SAN FRANCISCO, W Larkin 45 & 91 S Union.
 Two 3-story and basement frame apt. houses (20 apts. each).
 Owner—L. J. Neal, 364 Page St.
 Architect—E. H. Denke, 1317 Hyde St.

Contracts Awarded.
APT. HOUSES Cost, \$30,000
SAN FRANCISCO, N E Dolores and 15th Streets.
 Three-story and basement frame (12) apartments.
 Owner—George P. Maloney, care architect.
 Architect—Albert Schroeffer, Nevada Bank Building.
General Contract to G. Peterson, Monadnock Bldg., \$30,900.
Painting to Cramer Bros., 1941 15th St., 1745.
Electric work to Dewey Elec. Co., 285 4th St., \$1100.

Plans Being Prepared.
APT. HOUSES Cost, \$20,000
SAN JOSE, Santa Clara Co., Market between San Fernando & Park Ave.
 Two-story reinforced concrete apts.
 Owner—J. W. McKernon
 Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Plans Being Figured.
APT. HOUSE Cost, \$20,000
SAN JOSE, Santa Clara Co., E Santa Clara between 14th and 15th Sts.
 Two-story frame apartment house (8 apts. and 4 garages).
 Owner—John Taylor.
 Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Contract Awarded.
APT. HOUSES Cost, \$24,000
OAKLAND, Alameda Co., N 10th St. 100 W Fallon.
 Three-story frame 24-room apt. house.
 Owner—Beth Dean, 1120 E-28th St., Oakland.
 Contractor—H. C. Knight, 388 12th St., Oakland.

To Be Done By Day's Work.
APT. HOUSE Cost, \$60,000
OAKLAND, W Jackson St. 350 N 14th.
 Three-story 51-room brick apt. house.
 Owner—Coit Inv. Co., 306 14th St., Okd.

Contract Awarded.
APT. HOUSES Cost, \$13,000
OAKLAND, W Clark 110 S 40th St.
 Two-story 16-room frame apartments.
 Owner—Arthur Elliott.
 Contractor—California Builders, 1571 Franklin, Oakland.

To Be Done By Day's Work.
APT. HOUSES Cost, \$19,000
SAN FRANCISCO, NE Mission and Geneva Ave.
 Two-story frame store and apartments.
 Owner—A. M. Samuelson, 290 Ralph St., San Francisco.

Completing Working Drawings—Ready For Figures in About Three Weeks.
APT. HOUSE Cost, \$200,000
SAN FRANCISCO, NW Jackson and Laguna Streets.
 Nine-story reinforced concrete apartment house (9 8-room apartments) and basement and garage.
 Owner—Joseph E. Levin, San Francisco, and S. Levin, New York.
 Architect—C. A. Meussdorffer, Humboldt Bank Bldg., S. F.

Plans Being Prepared.
APT. HOUSE Cost, \$150,000
SAN FRANCISCO, N W Sacramento & Mason Streets.
 Nine-story, basement and sub-basement reinforced concrete and steel apt. house, 25 4-to-8-room apts.
 Owner—Crosswings Community Apts. (a corporation) Ernest K. Little, president.
 Architect—H. H. Guttersen, 278 Post St.
 There will be a large garage built on an L lot with children's play grounds on the roof.

To Be Done By Day's Work.
STORES & APTS. Cost, \$25,000
SAN FRANCISCO, N E Divisadero and Hayes.
 Two-story and basement frame stores and (10) apartments.
 Owner—Einar C. Peterson, 4075 17th St., San Francisco.

SALEM, Ore.—Warren Armington, of Denver, Colo., has purchased site and will erect a 4-story reinforced concrete, 72-apartment building, 100x110 ft. Est. cost, \$210,000. Salem interests will invest \$65,000 in the structure.

MARTINEZ, Contra Costa Co., Cal.—Frank Martiens, of Martinez, has just purchased the corner of Warren and Pine streets in Martinez and contemplates building an apartment house the early part of next year.

BANKS

Plans Being Figured.
APT. BLDG. Cost, \$14th
OAKLAND, Alameda Co., Cal., E-14th St. and Fruitvale Ave.
 One- or two-story bank bldg. (type of construction not decided).
 Owner—Central National Bank, Oakland.
 Architect—Wm. Knowles, Hearst Bldg., S. F. and Central Bank Bldg., Okd.

Contract Awarded.
BANK BLDG. Cost, \$50,000
OAKLAND, Alameda Co., Cal., Grove to Alleen.
 One-story concrete and brick bank bldg.
 Owner—Oakland Bank of Savgs.
 Architect—Reed & Corlett, Oakland Bank of Savgs. Bldg., Oakland.
 Contractor—S. Kulchar & Co., 8th Ave. and E-10th St., Oakland.

Contract Awarded.
BANK BLDG. Cost, \$50,000
OAKLAND, Alameda Co., Cal., College Ave. and Ocean View Drive.
 One-story concrete and brick bank bldg.
 Owner—Oakland Bank of Savings.
 Architect—Reed & Corlett, Oakland Bank of Savgs. Bldg., Oakland.
 Contractor—J. J. Walker Co., Monadnock Bldg., San Francisco.

Plans Ready for Figures Oct. 25.
BANK BLDG. Cost, \$20,000
PENNGROVE, Sonoma Co., Cal.
 Two-story reinforced concrete bank building.
 Owner—Withheld.
 Architect—Chas. E. Perry, Jr., P. O. Box 636 Vallejo.

BONDS

INGLEWOOD, Cal.—A bond issue of \$22,000 has been authorized by voters for street improvements.

MERCED, Merced Co., Cal.—Bonds of \$1,800,000 of Merced Irrigation District, to finance improvements in district, sold for premium of \$52,588.

OROVILLE, Butte Co., Cal.—Nov. 9 is date set to vote bonds of \$2,000,000 to finance improvements in Oroville-Wyandotte Irrigation District comprising 24,200 acres.

LAKEPORT, Lake Co., Cal.—Election will be called in Clear Lake Union High School District to vote bonds of \$30,000 to finance construction of gymnasium building.

YUBA CITY, Sutter Co., Cal.—Election will be held Nov. 6 in Yuba City Union High School District to vote bonds of \$250,000 to finance purchase of site and erection of new high school. Trustees of district are: C. K. Schnabel, H. C. McMahon, E. L. Davis, Arthur Coats, V. W. Cooley.

SUSANVILLE, Lassen Co., Cal.—Election will be held Oct. 24 to vote bonds of \$41,000 to finance construction of new city hall, purchase of fire engine and installation of fire alarm system.

SUSANVILLE, Lassen Co., Cal.—The County Supervisors place on November 7 ballot the proposition of voting bonds of \$39,000 to finance erection of Veterans' Memorial Building.

STOCKTON, San Joaquin Co., Cal.—Until November 6 bids will be received by the Supervisors for the purchase of \$25,000 bond issue of Shady Grove School District, proceeds to finance construction of new school building.

SAN JOSE, Santa Clara Co., Cal.—Supervisors sell \$197,000 bond issue of Mountain View High School District for premium of \$14,877; proceeds will finance construction of a group of fireproof high school buildings, plans for which are being prepared by Architect W. H. Weeks, 369 Pine St., San Francisco.

EUREKA, Humboldt Co., Cal.—Election will be held Nov. 1 in Oakdale School District to vote bonds of \$25,000 to finance school improvements. Trustees of district are: W. L. Smith, G. Svendsen and Mrs. Inis Hill.

REDONDO BEACH, Cal.—City trustees adopt resolution to purchase a portion of the Hotel Redondo grounds for a public park or other purposes. The land will cost \$100,000, and improvements and assembly hall, \$25,000. A bond election will be called.

PACIFIC BEACH, Cal.—City Council petitioned to call bond election to vote \$50,000 for the construction of a pleasure pier. Proposed structure would be 1200 ft. long, 18 ft. wide, located at the foot of Garnet street. Construction will be of creosoted timber.

MARTINEZ, Contra Costa Co., Cal.—Supervisors sell \$15,000 bond issue of Oakdale School District for school improvements, \$327; proceeds will finance school improvements. Jas. T. Narbett, 910 MacDonald Ave., Richmond is the architect.

CHURCHES

Commissioned To Prepare Plans.
CHURCH OF THE HOLY TRINITY. Cost, \$100,000.
STOCKTON, San Joaquin Co., Cal. Center and Flora Sts.
Concrete church building.
Owner—1st Church of Christ Scientist, Architect—Glenn Allen, 37 S Aurora St., Stockton.

Low Bidders.
ST. MATEO CHURCH. Cost—
SAN MATEO, San Mateo Co., Cal.
Frame Sunday school department and social hall portion of church.
Owner—San Mateo Congregational Ch. Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Low Bidder—Leadley & Wiseman, 207 2nd St., San Mateo.

Completing Plans.
CHURCH OF THE HOLY TRINITY. Cost, \$150,000.
HOLLYWOOD, Los Angeles Co., Cal. NE Corner of Los and Carlos Ave.
Two-story and basement brick church, 88x127.
Owner—First Presbyterian Church. Architect—M. Patterson, O. T. Johnson Bldg., Los Angeles.

Figures to be Taken in a Week.
CHURCH OF THE HOLY TRINITY. Cost, \$185,000.
LOS ANGELES, Los Angeles Co., Cal. Adams and Figueroa Sts.
Reinforced concrete, terra cotta and stucco church with tile roof.
Owner—St. John's Episcopal Church. Architect—Pierpont & Walter S. Davis, 817 Santei St., Los Angeles.

Plans Being Figured.
CHURCH OF THE HOLY TRINITY. Cost, \$—
SOUTH PASADENA, Los Angeles Co., Cal. NE Fremont Ave. and Oak St.
One-story concrete church, 90x130.
Owner—1st Church of Christ Scientists Architects & Engineers—The Postle Co., Van Nuys Bldg., Los Angeles.

Contract Awarded.
CHURCH OF THE HOLY TRINITY. Cost, \$15,177.
HAYWARD, Alameda Co., Cor. 2nd and D Sts. (All Saints Church).
All work except slate roof for finishing church.
Owner—Roman Catholic Archbishop of San Francisco.
Architect—Wm. Klinkert, 392 Park Ave. San Jose.
Contractor—E. Nommensen, 19 S-5th St. San Jose.

LOVELOCK, Nev.—Rev. P. H. Willis, pastor of the Methodist Episcopal Ch. of Lovelockville, Nevada, will be transferred to the church in Lovelock where he will campaign for funds to erect a \$12,000 church building, to replace the structure destroyed by fire.

FACTORIES & WAREHOUSES

To Be Done By Day's Work.
MEAT PACKING PLANT. Cost, \$10,000.
SAN FRANCISCO, N W Folsom and Langton Sts.
Two-story reinforced concrete manufacturing building.
Owner—J. H. Hjul, 1342 Mission St. Engineer—Owner.

Contract Awarded.
WAREHOUSE. Cost, \$43,492.
SAN FRANCISCO, Townsend St.
Two-story reinforced concrete warehouse, 86x250 (Sprinkler system & elevator).
Owner—Sims Bros., 150 Townsend St., San Francisco.
Architect—H. C. Bauman, 251 Kearny St., San Francisco.
Contractor—Barrett & Hulp, 918 Harrison St.

Plans Being Prepared.
WAREHOUSE. Cost, \$85,000.
SAN BERNARDINO, San Bernardino Co., Cal.
Class "A" Brick and concrete warehouse.
Owner—Southern Terminal Warehouse & Storage Co., 804 Wright-Callender Bldg., L. A.
Architect—F. M. Cummings, 430 Chapman Bldg., L. A.

Plans Being Figured.
WAREHOUSE. Cost—
SAN FRANCISCO, Clementina bet. 5th and 6th.
One-story reinforced concrete warehouse (wood trusses).
Owner—Bothin Estate.
Architect—Arthur S. Bugbee, 26 Montgomery St.

To Be Done By Day's Work.
FACTORY. Cost, \$11,500.
OAKLAND, S E 19th Ave. & Dennison St.
One-story dry kiln and 1-story factory.
Owner—R. H. Cooley Mfg. Co., 953 33rd St., Oakland.

Plans Completed.
LOFT BLDG. Cost, \$100,000.
LOS ANGELES, Los Angeles Co., Cal. NE San Julian and Pico Sts.
Four-story Class A loft building.
Owner—C. H. Minton and A. W. Ellington.
Architect—L. A. Smith, 3rd St. and Webster Ave., Los Angeles.
Contractor—Earl B. Newcomb, Panhagen Bldg., Los Angeles.

Contract Awarded.
FACTORY BLDG. Cost, Approximately \$200,000.
OAKLAND, Alameda Co., Cal. Garfield Hillside and 72nd Streets.
Two-story brick, concrete and steel structure building, 80x84 ft.
Owner—Chevrolet Automobile Co.
Architect—Albert Kahn, Detroit Mich.
Contractor—Dinwiddie Constr. Co., Crocker Bldg., San Francisco.

Plans Being Prepared.
WAREHOUSE. Cost, \$7000.
SAN JOSE, Santa Clara Co., Cor. Hard St. bet. Santa Clara and San Fernando.
One-story brick warehouse.
Owner—Costa Bros.
Architect—Wolfe & Heggins, Auerhaus Bldg., San Jose.

Contract Awarded.
MIXING PLANT. Cost, \$15,000.
OAKLAND, Alameda Co., end of McCadam St., 600 E Broedy.
Mixing plant.
Owner—Oakland Paving Co.
Contractor—California Constr. Co., 58 2nd St., San Francisco.

ALHAMBRA, L. A. Co., Cal.—Southern California Edison Co. is having plans prepared by its engineering department for a group of warehouses and shop buildings to be erected at Alhambra. The bldg. will include a main warehouse, 200x600 ft., warehouse, 100x100 ft., two warehouses, 100 by 100 ft., and a shop bldg., 170x270 ft. Steel frame construction, steel roof trusses, steel sash, comp. rfg., cem. fls., \$750,000.

FRESNO, Fresno Co., Cal.—The plants of the Sulprizio Machine Works, 507 Broadway, and the Fresno Pattern Works, 1217 Cherry Ave., Fresno, are merged and articles of incorporation filed by the United Engine and Machine Co., capitalized at \$250,000. Incorporators are G. J. Dolan, Jr., of the Fresno Pattern Works, and D. Sulprizio, of the Sulprizio Machine Works. The company proposes to spend \$100,000 in the construction of a plant to consist of: a machine shop, 150x300 ft.; foundry and molding shop, 100x150 ft.; pattern shop, 75x50 ft.; forge, 75x50 ft. The company will manufacture heavy castings, valves, and piston rings as a specialty, in addition to other products.

SAN FRANCISCO, Cal.—Bids were received on Oct. 13, by the S. F. Park Commission for the general construction of shops and sheds to be constr. near South Drive, Golden Gate Park. All bids were taken under advisement. Alfred Vogt, 185 Stevenson.....\$21,423
John McLaughlin.....24,900
Cochrane, Grant & Boehm.....25,148
Hannah, Bros.....27,490
Lange & Bergstrom.....28,900
J. Leibert.....29,782
Jas. L. McLaughlin.....30,000

SAN FRANCISCO, Cal.—Bids were received on Oct. 13 by the S. F. Park Commission for the general construction of shops and sheds to be constr. near South Drive, Golden Gate Park. All bids were rejected and new bids will be called for shortly.

SAN PEDRO, Cal.—Shell Oil Co. of California plans to expend \$1,000,000 for construction of additional facilities at the harbor. Work will include a refinery on a five acre site north of Wilmington to handle the Signal Hill output. Pipe lines will connect this plant with the outer docks and wharves. It is also reported that the Ventura V. L. rated and Pan-American Oil companies are planning to expend \$1,000,000 on development of frontage sites, including wharves and loading stations for oil tankers.

FIREHOUSES AND JAILS

Contract Awarded.
FIRE HOUSE. Cost, \$9100.
VALLEJO, Solano Co., Cal., Sacramento and York Streets.
Two-story concrete fire house.
Owner—City of Vallejo.
Architect—Charles E. Perry, 514 Marin St., Vallejo.
Contractor—Nels Hokanson, Vallejo.
Other bids submitted were Weeks & Buhoff, \$3200, and Morgan and Ward, \$3200. Miller and Cassidy was late bid and was not considered.

OROVILLE, Butte Co., Cal.—Until Oct. 13, 1:30 p. m., bids will be rec. at E. Felding, county clerk, to construct branch jail and courtroom at Durham. Sect. clerk 10% required with cash and. Sec. on file in office of county clerk.

FLATS

Contract Awarded.
FLATS. Cost, \$16,000.
SAN FRANCISCO, Green St. near Van Ness Ave.
Two-story frame and plaster flats, concrete foundation.
Owner—Miss Margaret McPartland, 1263 Jackson St.
Architect—Ernest H. Hildebrand, 10 Sutter St.
Contractors—McIntosh Bros., 180 Jessie Street.

Contract Awarded.
FLAT BLDGS. Cost, \$8500 each.
SAN FRANCISCO, N Chestnut 137 to 212 W. Gough.
Four two-story and basement frame flat buildings (2 flats each).
Owner—R. E. Sbarbaro-Deffen Co., 1927 Washington St., S. F.
Architect & Contractor—A. M. Hardy, 518 24th Ave., San Francisco.

Contract Awarded.
FLATS. Cost, \$14,150.
OAKLAND, N E Grove & 61st Sts.
Two-story 12 room frame flats.
Owner—Newton Shelby, 1523 1/2 62nd St., Oakland.
Contractor—A. J. Yerrick, 5255 College Ave., Oakland.

Contract Awarded.
FLATS. Cost, \$11,000.
OAKLAND, E Ruby St. 140 S 40th St.
Two-story 12 room frame flats.
Owner—Mrs. B. Lunden & Hilda Anderson, 3348 Ruby, Oakland.
Contractor—C. C. Foss, 1242 1st Ave., Oakland.

To Be Done By Day's Work.
FLATS. Cost, \$12,000.
OAKLAND, S E-16th St. 168 W 27th Avenue.
Two-story 16 room frame flats.
Owner—John Westerland, 1562 35th Ave., Oakland.

GARAGES

Plans Being Prepared.
GARAGE. Cost, \$5000.
KING CITY, Monterey Co., Cal.
One-story reinforced concrete and tile garage.
Owner—Withheld.
Architect—Wyckoff & White, Growers Road Bldg., San Jose.

Plans Being Figured.
GARAGE. Cost, \$12,000.
SAN FRANCISCO, 14th St. east of Mission St.
One-story reinforced concrete garage,

Owner—Abe Perley.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco.

Contract Awarded.

SALVAGE. Cost, \$11,250.
SAN FRANCISCO, S E 26th & Valencia
One-story brick garage.
Owner—A. Rose, premises
Architect—Owen
Contractor—J. G. Leibert Co., 180 Jessie
St., San Francisco

**GOVERNMENT WORK AND
SUPPLIES**

WASHINGTON, D. C.—Bids will be called for shortly by the Bureau of Yards and Docks in Washington, D. C., for a refrigerating and ice making plant to be erected in the hospital at the Naval Operating Base, Pearl Harbor, T. H. under Specification No. 4735. Plans and spec. may be obtained from the Commandant at the Mare Island Navy Yard on a deposit of \$10. A copy of the Notice to Contractors appears in this issue.

PALO ALTO, Santa Clara Co., Cal.—Bids will be rec until Oct. 30, 1922 at 12 o'clock by the U. S. Superintendent of Construction, Palo Alto, for fur and install window and door grilles for the U. S. Veterans Hospital at Palo Alto. Plans may be obtained from the Superintendent's office. A copy of the official proposal appears in this issue.

LIVERMORE, Alameda Co., Cal.—Bids on a trestle across the Arroyo del Valle at the U. S. Veterans Bureau hospital site and for 22,500 cubic yards of gravel were opened on Oct. 11 by Architect Matthew O'Brien, of San Francisco and sent to Washington for approval.

Bids were received from the following contractors: Chas. M. Bruce & Son, Pleasanton; Jas. Walsh, San Francisco; and Daniel O'Day, of San Francisco. C. M. Bruce submitted the lowest bid for the trestle at \$10,250 and Walsh for constructing a rock crusher and handling all the rock, sand and gravel in connection with the construction of all the buildings at \$37,000.

WASHINGTON, D. C.—Until Nov. 2, 10:30 a. m., bids will be received by Panama Canal Commission for fur and del. under circular No. 1499: Steel, rivets, bolts, nails, automobiles, section cars, moving machines, canoes, tiller rope, brass sheets and tubing, copper tubing, boiler tubes, pig tin, valves, storage batteries, glass, tires and tubes, packing, bathroom mats, celluloid paint brushes, galvanized buckets, silver-plated knives, quicklime, and alumina sulphate.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, for fur and del. materials to Navy Yards; date for opening bids as noted at end of each paragraph:

Schedule 212, for Mare Island, 100,000 feet aircraft cable, Nov. 7.

Schedule 213, for Mare Island, 4500 deck swabs, Nov. 7.

Schedule 217, for eastern and western yards, 12,800 feet cotton fire hose, 4800 feet engine and wash deck hose and 2,700 feet rubber garden hose, Nov. 7.

Schedule 218, for Mare Island, 5000 feet white oak, Nov. 7.

Schedule 220, for Mare Island, 6000 gallons mixing varnish, Nov. 7.

Schedule 221, for eastern and western yards, 188 reams emery cloth, Nov. 7.

WASHINGTON, D. C.—R. E. McKee, 1918 Texas St., El Paso, Texas, at \$141,150 awarded contract by Supervising Architect, Treasury Department, to construct six officers' quarters, 16 cottages for high class employees and 2 Mexican quarters, at Port Bayard, New Mexico. Time for completion of contract, 15 months.

VALLEJO, Solano Co., Cal.—Word has been received at the Mare Island Navy Yard that \$400,000 will be available early in 1923 to finance construction of an addition to the present hospital buildings.

SAN FRANCISCO, Cal.—A site in the vicinity of the Ferry Post Office located on The Embarcadero opposite Mission St. is being sought by the Post Office Department for a building to contain 100,000 sq. ft. to be used as an extension to the Ferry Post Office. Mr. Harry B. Hall, Postal Office Inspector, 7th & Mission St., will have charge of selecting the site and making arrangements with the owner of the property for the erection of a fireproof building to be leased to the government.

SAN FRANCISCO.—Until Oct. 20, 10 a. m., bids will be rec. by Quartermaster Supply Officer, Fort Mason, under circular No. 23-145 for fur and del.

8 red cedar poles, 7 to be 25 ft. long with 6-in. top and 1 to be 30 ft. long, 7 in. top; office supplies; filing cabinets; time clock stamps; office safe; paints and paint brushes; hammers; drills; hammer and mop handles, etc.

WASHINGTON, D. C.—The following bids were received at the Bureau of Yards and Docks, Navy Department, Washington, October 11, spec. 4601, for remodeling barracks No. 53 at the navy yard, Mare Island:

Item 1, entire work, complete; 2, add for using white oak flooring in the living quarters.
Schultz Constr. Co., 46 Kearny St.



NEWS ITEM—KENTON (O.), Oct. 1.—Because of the lack of city parks, young couples have improvised their trysting places in Grove cemetery here and every night "spooks" must go as dashing young Romeos lead their sweethearts into the graveyard.

Officials of the cemetery association are trying to break up the practice.

THIS IS a national epidemic.

AND HAS been in existence.

FOR A long time.

FOR CLARENCE Sand Pratt, President.

OF THE Pratt Building Material Co.

DOUGLAS 307—"easy to remember."

CAN REMEMBER.

WHEN HE was a small boy.

DOWN IN Tulare City.

THAT THE road.

TO THE cemetery.

WAS A popular place.

FOR SPOONING couples.

TO PARK.

ON A balmy night.

IN THE dark of the moon.

LOVERS DO not care.

FOR MOONLIGHT nights.

AND IN the Tulare cemetery.

SITTING ON the edge.

OF A tombstone.

YOU COULD find two hearts.

BEATING AS one.

AND THE Sexton, Mr. Jackson.

OF THE Tulare cemetery.

WAS A colored gentleman.

AND NOT friendly.

WITH GRAVEYARD ghosts.

SO MR. George Washington Jackson.

NEVER PATROLLED the Tulare cemetery.

IN THE night season.

SO MISS T. Loved.

AND U. R. Spoonspooner.

WERE NEVER disturbed.

WHILE SITTING on the head.

OF SOME departed friend.

SO CLARENCE Sand Pratt.

PRODUCER of clean, sharp sand.

FOR EVERY purpose.

BELIEVES THAT graveyards.

AND SPOONING couples.

WILL ALWAYS be associated.

"I THANK you."



Here is one little girl, who never spooned inside a graveyard fence. Not that Miss I. C. U. R. Black was opposed to this popular indoor sport, but because Miss Black would get nervous when graveyard ghosts walked on her feet and slapped her on her back. Clarence Sand Pratt's suggestion to a colored couple, who want to spoon in a cemetery, is to take a sack of Pratt's sharp, clean sand along and if Mr. Ghost comes near throw some sharp sand in his eyes.

The site for the structure has not been determined.

MODESTO, Stanislaus Co., Cal.—T. K. Beard, 912 11th St., Modesto, has received notification from D. M. Morris, postmaster of Modesto, to proceed with the construction of a building at 12th and I Sts., to be leased to the Government for post office quarters. A brick or concrete building will be erected at a cost of \$25,000. Will have a frontage of 60 ft. on I St., and 100 ft. in 12th St.

SAN JOSE, Santa Clara Co., Cal.—Until November 6, 11 A. M., bids will be received by Henry A. Pfister, County Clerk, to paint county court house including roof, fire wall, dome and flagpole. Certified check for 10% payable to Clerk required with each bid. Specifications obtainable from the office of the Clerk.

SAN JOSE, Santa Clara Co., Cal.—Until Nov. 6, 11 A. M., bids will be received by Henry A. Pfister, County Clerk, for furnishing and installing metallic equipment in the offices of the Tax Collector, Assessor, County Clerk and Justice Courts. Certified check for 10% payable to Clerk required with each bid. Specifications obtainable from the Clerk at San Jose.

MARYSVILLE, Yuba Co., Cal.—Yuba-Sutter Post, American Legion, backs movement to erect \$150,000 memorial building in E St., fronting Ellis Lake. Supervisors have levied direct tax providing for \$70,000 a year for such a building. Preliminary plans for the building have been made.

FULERTON, Orange Co., Cal.—Architects J. C. Austin of Los Angeles, and W. H. Austin, Long Beach, have submitted final plans for new city hall for approval by city council. The building will be two stories and basement with stucco and art stone columns and trim on exterior. Brick and concrete walls, structural steel, reinforced concrete walls, structural steel, reinforced concrete roof; skylights, hardwood interior trim, tile and cement floors. There will be a main lobby and rotunda with balcony. Cost, \$140,000.

TIA JUANA, Mexico.—According to James Wood Coffroth, president of the Tia Juana Jockey Club, a \$1,000,000 racing plant will be established at that city. Grounds will be broken Nov. 30. The course will be 1½ miles in length, and will be modeled after the famous course at Saratoga. The grandstand and clubhouse will be of steel and concrete construction, with complete electric lighting system, 1000 additional stalls, making 2000 in all. Lewis H. Falk is local publicity director. Mr. Coffroth is at present in New York.

RESIDENCES

Plans Being Prepared—Ready for Five Next Week.

RESIDENCE Cost, \$7000
BURLINGAME, San Mateo Co., Cal.
One-story and plaster residence, 4 rms.
Owner—Mrs. R. A. Rogers.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Plans Being Prepared—Ready for Five Next Week.

BURLINGAME, San Mateo Co., Cal.
One-story frame residence (rustic exterior) 6 rooms.
Owner—J. Vincent.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, \$15,000
SANTA CRUZ, Santa Cruz Co., Cal., Mission Hill.
Owner—Withheld.
Architect—E. F. Kerr, Santa Cruz.

To Be Done By Day's Work.

RESIDENCE Cost, \$16,000
SAN FRANCISCO, S. Santa Ynez 139-164 189-214 Oisego.
Four 1-story and basement residences.
Owner—Olaf Olson, 360 Granada Ave.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contract Awarded.
DWELLINGS Cost, \$20,000
SAN FRANCISCO, W. York 125 to 225 S 26th St.

Five 1-story and basement frame dwellings.
Owner—Sala & Sala, 16th & Valencia.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St.

Contract Awarded.
RESIDENCE & GAR. Cost, \$10,027
BERKELEY, Alameda Co., Cal., E College Ave 68 N Stuart.
Frame residence and garage.
Owner—Dr. Robert Edgar Campbell, 3004 Dana St., Berkeley.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Home Constr. Co., 2133 University Ave., Berkeley.

Plans Complete.
RESIDENCE Cost—
PIEDMONT, Alameda Co., Cal.
Two-story and basement frame and stucco residence.
Owner—W. H. Weeks.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$8750
BURLINGAME, San Mateo Co., Cal.
One-story frame & stucco res. and gar.
Owner—L. Karmel.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—S. A. Wisnom, San Mateo.

Plans Being Prepared.
RESIDENCE Cost, \$10,000
SAN FRANCISCO, W. Divisadero 100 S Greenwich.
Two-story and basement frame and plaster residence (8 rooms & basement, garage).
Owner—Withheld.
Architect—Arthur S. Bugbee, 26 Montgomery St., S. F.

Contract Awarded.
RESIDENCE Cost, \$25,000
DIXON, Solano Co., Cal.

Two-story frame residence.
Owner—E. J. Timm, Dixon, Cal.
Architect—Reed & Corlett, Oakland
Bank of Savgs. Bldg., Oakland.
Contractor—L. F. Peacock, Dixon, Cal.

Contract Awarded.
RESIDENCE Cost, \$12,000
SANTA NAPA Co., Cal. 3rd and Wilson St
Frame residence.
Owner—Joseph Migliavacca, for Mrs. Warren E. Younger.
Architect—D. R. Younger, Napa.
Contractor—F. A. Younger, Napa.

To Be Done By Day's Work.
RESIDENCE Cost, \$10,500
SAN FRANCISCO, S. Dewey 215 E Pacheco.
Two-story and basement frame residence.
Owner—A. C. Hamerton, 475 Dewey Blvd.

Plans Being Prepared.
RESIDENCE Cost, \$10,000
SAN FRANCISCO, Forest Hill.
One-story frame seven room residence and base, garage (mahogany trim).
Owner—E. H. Payne.
Architect—R. R. Irvine, Call Bldg.

Contract Awarded.
RESIDENCE Cost, \$12,000
OAKLAND, N E Park Blvd & Hollywood.
Two-story 11 room frame residence.
Owner—John McIntyre, 7th and Peralta Sts., Oakland.
Contractor—Tornell & Son, 351 12th St., Oakland.

Contract Awarded.
DWELLING Cost, \$10,500
FRESNO, Fresno Co., Cal. 454 Erie St.
Dwelling.
Owner—Mrs. Agnes Walker, 1265 Safford, Fresno.
Contractor—Berton & Wolff, Bank of

ANNOUNCING Change In Personnel of ECCLES & SMITH COMPANY SAN FRANCISCO---LOS ANGELES

Representing

HEALD MACHINE CO.....Cylinder Grinding Machines
R. K. LE BLOND Co.....Cutter Grinders, Lathes, Milling Machines.

SIDNEY MACHINE TOOL CO.,—Lathes.
GOULD & EBERHARDT....."High Duty" Shapers, Automatic Gear Cutting Machines.

LANDIS MACHINE CO.....Pipe Threading and Cutting Machines.

FELLOWS GEAR SHAPER CO.—Gear Shapers.

SENECA FALLS MFG. CO.—"Star" Lathes.

BADGER MILLING MCH. CO.—Grinding Machinery.

BECKER MILLING MCH. CO.—Milling Machines.

POSDICK MACHINE TOOL CO.—Sensitive Upright & Radial Drills

GIDDINGS & LEWIS.....Horizontal Boring Machines.

INTERNATIONAL MACHINE CO—"Libby" Lathes.

YODER COMPANY.....Sheet Metal Machinery.

BUFFALO FORGE CO.....Forges, Blowers, Drills, Punches and Shears.

Small Tools, Shop and Railroad Supplies of all kinds

Now operated by

PHILLIP ROWE C. ECCLES R. W. BAXTER
W. E. RINGWOOD F. T. SWEENEY

All of whom have been closely identified with the machine tool industry for many years

To be Done by Day's Work.
RESIDENCES Cost, \$15,000 and \$20-
 000 respectively.
SAN FRANCISCO. SW Jackson and
 Spruce and W Spruce 27 S Jackson.
 Two two-story and basement frame
 residences.
 Owner—F. R. Grannis, 2450 Steiner St.,
 San Francisco.
 Architect—E. E. Young, 251 Kearny
 St., San Francisco.

Low Bidder.
RESIDENCE Cost, \$15,000
SAN MATEO. San Mateo Co., Cal.
 Two-story 11-room frame and plaster
 residence with separate garage
 (shingle roof).
 Owner—J. Longwill, 133 Clark, San
 Mateo.
 Architect—Houghton Sawyer, Hearst
 Bldg., San Francisco.
 Low Bidder—Matlock & Fensley, 251
 Kearny St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$10,000
WOODLAND. Yolo Co., Cal.
 Frame residence.
 Owner—Arthur B. Eddy.
 Architect—Jas. & Chas. Dean, City Li-
 brary Bldg., Sacramento.
 Contractor—Del Fenton, Woodland.

Contractor Taking Sub-figures
RESIDENCE Cost, \$20,000
SAN CARLOS. San Mateo Co., Cal., 5-
 acre estate.
 Two-story frame and stucco residence
 and separate garage (11 rooms).
 Owner—Dr. Conrad Weil, 209 Post St.,
 San Francisco.
 Contractor—Ruegg Bros., 1651 Mont-
 gomery St., S. F.

SCHOOLS

Plans Being Prepared.
CONCRETE BLDGS. Cost, \$197,000
MOUNTAIN VIEW. Santa Cruz Co., Cal.
 Group of reinforced concrete bldgs.
 Owner—Mountain View High School
 District.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.

Contract Awarded.
GARAGE Cost, \$27,880
TAFT. Kern Co., Cal.
 One-story reinforced concrete garage
 bldg. for high school.
 Owner—Taft Union High School Dist.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.
 Contractor—Cupbell Constr. Co., 3325
 "J" St., Sacramento.

Completing Working Drawings.
CLARKSBURG. Yolo Co. Cost, \$75,000
SCHOOL.
 Reinforced concrete 8-room and audi-
 torium school bldg.
 Owner—Clarksburg Grammar School.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.

Plans Being Figured—Bids Close Nov.
 18, 1922, 1 p. m. Cost, \$300,000
REDWOOD CITY. San Mateo Co., Cal.
 State Highway and Broadway.
 Three one-story reinforced concrete
 and frame school buildings (main
 building, auditorium and gymna-
 sium).
 Owner—Sequoia Union High School
 District.
 Architects—Carl Werner & A. I. Coffey,
 Humboldt Bank Bldg., San Fran-
 cisco.

Separate bids will be received as
 follows: General work, plumbing, heat-
 ing and ventilating, electrical work,
 plastering, blackboards in place.
 Plans may be obtained from the archi-
 tect on a deposit of \$25.
 See call for bids under official proposi-
 als.

Bids To Be Called For Shortly.
SCHOOL. Cost, \$50,000
FORT BRAGG. Mendocino Co., Cal.
 One-story frame and rustic 16-room
 and auditorium school.
 Owner—Fort Bragg School District.
 Architect—Geo. C. Sellen & Co., Mitau
 Bldg., Sacramento.

Some changes have been made in
 the specifications and are now ready
 for figures. Bids were to have been
 opened on Sept. 21, but were returned
 to the bidders unopened.

Figures To Be Taken Shortly.
SCHOOL. Cost, \$75,000
VACAVILLE. Solano Co., Cal.
 One-story hollow tile 6-room and audi-
 torium school.
 Owner—Vacaville School District.
 Architect—Jica, C. Sellen & Co., Mitau
 Bldg., Sacramento.

To Advertise for Bids in a Few Days.
SCHOOL. Cost, \$25,000
GEORGETTE. Tehama Co., Cal.
 One-story
 frame 1 rm. and auditorium school.
 Owner—Gerber Union High School Dist.
 Architect—Geo. C. Sellen & Co., Mitau
 Bldg., Sacramento.

Contracts Awarded.
SCHOOL. Cost, \$365,200
OAKLAND. Alameda Co., Cal.
 Two
 blocks extending from 19th Avenue
 to 20th Avenue, and from E-18th
 Street to E-20th Street.

General work for a two and three-story
 reinforced concrete high school.
 Owner—City of Oakland.
 Architect—C. W. Dickey, 2149 Broad-
 way, Oakland.

Contract Awarded.
W. W. Littlefield. 351 12th
 St., Oakland.
Brick. Work awarded to Herbert Beck-
 with, 323 Newton Ave., Oakland, at
 \$57,340.

Magnesium Work to Hoff Magnesium Co.
 Monadnock Bldg., San Francisco, at
 \$14,250.

Plans Being Prepared.
SCHOOL BLDG. Cost, \$—
FULLERTON. Orange Co., Cal.
 One and two-story concrete and brick
 high school building (Science
 Bldg.).

Owner—Fullerton High School Dist.
 Architect—Carleton M. Winslow, Van
 Nuys Bldg., Los Angeles.

Contract Awarded.
ADDITION Cost, \$10,157 (re-
 vised bid).
LIVE OAK. Santa Cruz Co., Cal.
 Two-room addition to school.
 Owner—Live Oak School District.
 Architect—Masten & Hurd, 168 Sutter
 St., San Francisco.
 Contractor—Chas. A. Swain.

Contract Awarded.
COLLEGE BLDG. Cost, \$8,814
BERKELEY. Alameda Co., Cal.
 California School for Deaf & Blind.
 Superintendent's cottage.
 Owner—State of California.
 Architect—Geo. H. McQuigall, Sacra-
 mento.
 Contractor—John M. Bartlett, 357 12th
 St., Oakland.

Plans Being Prepared.
ALTERATIONS Cost—
TAFT. Kern Co., Cal.
 Reinforced concrete gymnasium and
 altering manual arts bldg. into
 science bldg.
 Owner—Taft Union High School Dis-
 trict.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.

Bids Opened.
ADDITION Cost, \$—
LIVE OAK. Santa Cruz Co., Cal.
 Two-room addition to school.
 Owner—Live Oak School District.
 Architect—Masten & Hurd, 168 Sutter
 St., San Francisco.
 Charles A. Swain.....\$10,596
 Geo. W. Reid.....13,000
 Palmer & Balsiger.....13,134
 C. H. Webb.....13,881
 H. R. Russell.....15,985

SELMA. Fresno Co., Cal.—Bids were
 received as follows on October 10th, by
 the Board of Trustees of the Selma
 Union High School District for the con-
 struction of a three-story reinforced
 concrete Science building from plans
 prepared by Architect Norman F.
 March, 211 Broadway Central Bldg., Los
 Angeles. Bids were taken under vi-
 sement.

General Contract

(1) All masonry walls concrete; (2) all
 walls tile; (3) all walls brick; (4)
 wood trusses in place of steel duct;
 (5) wood lath in place of insulate di-
 duct; (6) button lath in place of metal
 lath, duct.
 Olester & Potter (1) \$185,300; (2)
 \$183,500; (3) \$185,300; (4) \$1200;
 (5) \$850; (6) \$1250; (7) \$1350.
 Winter Construction Co. (1) \$212,000;
 2, 3, 4, 5, 6, 7) \$—
 Anton Johnson, Kingsburg (1) \$215-
 000; (2) \$215,000; (3) \$214,000;
 \$1000; (5) \$1000; (6) 900; (7) \$500.
 John Morten, S. F. (1) \$214,000; (2-3)
 \$—; (4) \$500; (5) \$1000; (6-7)
 \$—
 Barkley & Gould (1) \$221,000; (2)
 \$213,500; (3) \$216,500; (4) \$—; (5)
 \$—; (6) \$1100.
 Trewhitt & Shields, Fresno (1) \$—;
 (2) \$192,135; (3) \$194,140; (4) \$—;
 (5) \$1060; (6) \$1600; (7) \$1000.
 Olsen & Neilsen (1) \$—; (2) \$203,431;
 (3) \$205,831; (4) \$—; (5) \$500;
 (6) \$1100; (7) \$2125.
 Colman—Spies (1) \$—; (2) \$—; (3)
 \$202,980; (4) \$—; (5) \$—;
 \$850; (6) \$1050; (7) \$800.
 Reilly & Nemetz, S. F. (1) \$—; (2)
 \$—; (3) \$215,860; (4) \$1000; (5)
 \$—; (6) \$2250; (7) \$—

Plumbing

Latourrette-Fical Co., Sacto.....\$18,763
 Luppen, Hawley & Thing, Sacto 18,946
 Trewhitt & Shields, Fresno.....19,735
 Kingsburg Plumbing Co.....22,480
 Lemman Bros.....30,886

Heating

Trewhitt & Shields, Fresno.....\$15,460
 Luppen, Hawley & Thing, Sacto. 17,942
 P. A. Newman Co.....18,737
 L. G. Brown.....23,699
 Latourrette-Fical Co., Sacto.....16,528

Electric Work

Kingsburg Electrical Co.....\$11,325
 F. E. Newbery Elec. Co.....14,571
 Trewhitt & Shields.....12,150
 Latourrette-Fical Co.....14,500

Program Clock

International Time Recording
 Co., San Francisco.....\$1450
 Standard Elec. Clock Co., S. F.....1690
 Trewhitt & Shields, Fresno.....1775
 Pacific Elec. Clock Co., S. F.....1950

Painting

(Alternate—Omit Painting on Walls)
 Fraser, Thompson Co., 302
 O'Connell, Corral St.....\$500 & 850
 Trewhitt & Shields, Fresno 5200
 D. Zelinsky & Son, S. F.....7693 2795
 Altimbra Paper & Painting
 Co.....7969 3400

A. Quander & Son.....8185 3050
 R. Zelinsky & Son, S. F.....9571 3109
 C. M. Johnson.....9600 3100
 Allan Painting Co.....9622 3475
 R. E. Swan.....9644 2987

NOTE—Trewhitt & Shields of Fresno
 submitted a bid for the entire work
 at \$245,000.

CHICO. Butte Co., Cal.—Chico State
 Teachers College will seek appropriation
 of \$400,000 in budget of which
 \$25,000 will be used to finance con-
 struction of gymnasium building and
 \$40,000 for the purchase of equipment.

SELMA, FRESNO CO., Cal.—New bids
 will be accepted until Oct. 21st by the
 Board of Trustees of the Selma Union
 High School District for the electrical
 work and plumbing for the new Science
 building from plans prepared by archi-
 tect Norman F. March. See call for bids
 under official proposals.

SAN FRANCISCO.—C. L. Wold, gen-
 eral contractor for the Pacific Heights
 School in north side of Jackson St. bet.
 Webster and Fillmore Sts., has awarded
 the following sub-contracts in con-
 nection with the work: Blackboards to C.
 F. Weber; terrazzo work to M. H.
 Gnecco Co., and patent windows to
 Hauser Window Co.

BAKERSFIELD. Kern Co., Cal.—
 Pioneer Mercantile Co., at \$334.50
 awarded contract by Board of Educa-
 tion to buy and install hardware in
 Roosevelt high school unit.

A. E. Leitch Fred Clark

CLARK & LEITCH

ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1110 SECOND ST., SACRAMENTO

Phone Main 726

Contracts Awarded.
SCIENCE BLDG. Cost, \$—
SELMA, Fresno Co., Cal.
 Three-story reinforced concrete Science building, 151x145.
 Owner—Selma High School District.
 Architect — Norman P. Marsh, 211 Broadway Central Bldg., L. A.
General Contract awarded to Olester & Potter, Yuma, Ariz. at \$185,300.
Painting to J. Fraser Thompson Co., San Francisco. \$3,800.
Heating to Latourrette-Fical Co., Sacramento. \$36,528.
Program Clocks to Standard Electric Time Co., 461 Market St., San Francisco. \$150.
 As reported before the plumbing and wiring were rejected and work re-advertised, new bids to be received up to 8 P. M., October 26.

MADERA, Madera Co., Cal.—Bids are being received by Morton H. Tyrrell, Clerk, Madera School District, for three-story, four-story and five-story radiators, Colonial Style, 4 col. type, 26-in. high, in the Lincoln and Pershing School annexes. Material will be paid for after July 1, 1923. Further information from the Clerk.

BAKEISFIELD, Kern Co., Cal.—Until November 6 8 P. M. bids will be received by Bevoe R. Fitzgerald, Clerk, Kern County Union High School District, for erecting steel and frame inclosure and roof over swimming pool at the Kern County High School, 4000 E. Chas. H. Biggar, Architect, 475 Bank of Italy Bldg., Bakersfield. Certified check for 10% payable to District required with each bid.

SACRAMENTO, Cal.—Board of Education has purchased 2½ acre site on which to erect the proposed Riverside school for which \$40,000 is available. Dean & Dean, City Library Bldg., Sacramento, are the School Architects, and will probably prepare the plans.

HANFORD, Kings Co., Cal.—Until Nov. 1 8 p. m. bids will be rec. by G. W. Armistead, clerk, Hanford Joint Union High School District for fur. and oth. opera. chrs. See call for bids under official proposal section in this issue.

TULARE, Tulare Co., Cal.—Board of education plans a bond issue for an intermediate school building, six additional classrooms, for Roosevelt school, 2 additional class rooms for Wilson school, and additions to heating plants in 2 elementary schools. The issue will be for \$100,000. The election will be held this fall. Archts. are requested to submit tentative plans. Tucker-Pulver Co., San Francisco, was awarded cont. for furnishing school desks.

ALHAMBRA, Los Angeles Co., Cal.—Archts. Hunt & Burns, 701 Laughlin Bldg., Los Angeles, are completing plans for the new auditorium and academic bldg. to be erected at Alhambra high school. It will be 2-story, brick constr. and will cost about \$350,000.

MONTEREY, Monterey Co., Cal.—The following bids were received on Oct. 17 by the Board of Trustees of the Monterey Union High School District for the construction of a one-story reinforced concrete high school building.
 Norman R. Coulter, architect; Marshall A. Dean, supervising architect.

General Bids
 West Coast Constr. Co. (bid 1) \$34,797; bid 2 \$25,892; bid 3 \$60,659.
 Appleton & Davis, 1, \$39,177; 2, \$23,315; 3, \$62,000.
 Schitz Constr. Co., 1, \$37,250; 2, \$26,500; 3, \$62,700.
 Fred McCreary, 3, \$63,246.
 Hannah Bros., 1, \$37,462.50; 2, \$25,785.50; 3, \$63,248.
 Dorsett-Ruhl Co., 3, \$64,798.
 James L. McLaughlin, 1, \$35,500; 2, \$26,500; 3, \$65,000.
 Collman & Speidel, 3, \$68,221.
Sub-Bids:

Sub-Bids
 Appleton & Davis (Gen) Bid 4 (electric), \$1130; bid 5 (plumbing), \$3974; bid 6 (heating), \$37,350.
 Hannah Bros. (Gen) 4, \$2132; 5, \$3606; 6, \$3500; alternate, \$2800.
 Fred McCreary (Gen) 4, \$1780; 5, \$3973.20.
 West Coast Constr. Co. (Gen) 4, \$2480; 5, \$4750.

Schultz Constr. Co. (Gen) 4, \$15650; 5, \$3790.
 Dorsett-Ruhl Co. (Gen) 4, \$2290; 5, \$3859; 6, \$4692.
 J. C. Price (Sub) 5, \$4200; 6, \$3812.40; alternate, \$6402.80.
 Pierce & Towle (Sub) 5, \$3973.20; 6, \$3798; alternate, \$5567.
 Almonty Elec. Shop (Sub) 4, \$1050.
 Light & Heat Shop (Sub) 4, \$1129.
 Gilley-Schmid (Sub) 6, \$4541; alternate, \$6990.
 W. H. Picard (Sub) 6, \$3739; alternate, \$5889.

The low bids are marked *, as will be noted. The low bid given by General Contractor on the Plumbing will not stand as they stipulated they would not take any sub-bids without the General Bid.

All bids have been taken under advisement until Wednesday, October 18, at 3 o'clock, when a Board Meeting will be held.

The Architects and the Board wish to thank the Contractors for the trouble they have been put to in figuring the work and regret they could not all have been successful bidders.

EXETER, Tulare Co., Cal.—Bids were opened by the Board of Trustees of the Exeter Union High School District on Oct. 11 for the constr. of three reinforced, high school buildings. W. H. Weeks, 381 Pine St., S. F., is the architect. Contracts were awarded as follows: General contract to Campbell Constr. Co., 3525 "J" St., Sacramento, on Proposition No. 2; plumbing to Latourrette-Fical Co., of Sacramento, at \$6750; painting to R. Zelinsky, 180 Jessie St., S. F., at \$417; heating to R. Zelinsky, S. F. Co. The locker bids were rejected and will be purchased later by the Board.

Bids were called for electrical work to be opened on Nov. 10.

General Contract
 (1) Complete; (2) deduct for omitting areade:
 Campbell Constr. Co., Scto....\$107,880
 \$2250
 Colby & Owsley, S. F. 124,980
 \$9270
 Anton Johnson, Kingsburg.... 130,310
 \$8100
 W. H. Ochs 125,806
 \$8200
 Barklow & Gould 136,300
 \$8000

Plumbing
 Latourrette-Fical Co., Scto....\$6750
 City Plumbing Co., Visalia..... 7665
 Fred W. Stone, Visalia..... 8053

Painting
 R. Zelinsky, S. F.\$4217
 D. Zelinsky, S. F. 4624
 Fraser-Thompson Co., S. F. 4740
 Wm. Bernstein, S. F. 4860
 W. J. Ochs 4900
 Althaus Wall Paper & Paint Co. 5590

Heating
 (Alternate add for oil burning)
 Latourrette-Fical Co.\$22,300
 \$500
 W. H. Picard, Oakland 22,766
 \$1781
 Scott Co. 25,149
 \$1920

Lockers
 Campbell Constr. Co.....\$2500
 Cobby & Owsley 2850

GONZALES, Monterey Co., Cal.—The Board of Trustees of the Gonzales School District have awarded a contract to Anderson & Dougherty of Salinas for \$1175 for a heating system in the school. The only other bid was submitted by J. E. O'Mara of San Francisco, at \$677. W. H. Weeks is the architect.

SAN JOSE, Santa Clara Co., Cal.—Appropriations totaling more than \$1,000,000 to construct a gymnasium, swimming pool, tennis courts and assembly hall at the San Jose Teachers' College is sought from the next Legislature.

BAKERSFIELD, Kern Co., Cal.—Henry Eisler, Bakersfield, at \$1,600 awarded contract by Board of Education to construct unit of Roosevelt High School. Eugene K. Martin, architect, Bakersfield. Other bidders were: Kutzner and Doyle, \$42,680; William G. Reed, \$46,362; Curry & Dalgner, \$42,877; Anton Johnson, \$45,000; R. De Gennep, \$41,845; R. Peterson, \$42,924; L. Sorenson, \$41,852; and J. N. Harvey, \$41,850.

SACRAMENTO, Sacramento Co., Cal.—Bids were opened by the Board of Education of the City of Sacramento on Oct. 16, for the construction of an eight-room and auditorium brick and concrete school building to be known as the "Fremont School" and for alterations and additions to the El Dorado and Jefferson schools. Plans were prepared by architects Dean and Dean, City Library Building, 9th and "I" Sts., Sacramento. William Murcell, Ochsner Bldg., Sacramento, was awarded the contract for the El Dorado and Jefferson additions and K. E. Parker Co., Clunie Bldg., San Francisco, for the Fremont school on its bid of \$33,200, omitting the gymnasium. Following is a complete list of the bids received:

Fremont School General Contract
 Complete Omit Gym.
 K. E. Parker Co., S. F. \$142,200 \$33,200
 Betz & Mabrey, Scto.... 145,546 87,477
 Wm. Murcell, Scto.... 147,122 87,446
 Beck & Kohn, S. F.... 147,794 89,082
 Sample & Cody 159,000 96,000
 Herndon Const. Co., Scto 159,029 93,382
 Herndon & Finnigan.
 Sacramento 164,766 93,560

Plumbing
 Hateley & Hateley, Scto \$4,487 \$3,497
 Latourrette-Fical Co., Scto 4,675 3,198
 Luppen, Hawley & Thing
 Sacramento 4,797 3,253
 Scott, Lyman & Stack
 Sacramento 4,865 3,347

El Dorado and Jefferson Schools
 General Contract
 Wm. Murcell\$28,946
 Beck & Kohn 29,131
 Betz & Mabrey 29,285
 H. W. Robertson 29,849
 Herndon & Finnigan 30,391
 George D. Hudnutt, Inc. 31,275
 Holdner Construction Co. 33,648
 Robert Trust 34,750
Plumbing for El Dorado & Jefferson Schools
 Latourrette-Fical Co. \$695
 Scott, Lyman & Stack 876
 Luppen, Hawley & Thing..... 897
 Hateley & Hateley 1,188

NOTE—The plumbing bids were opened at the morning meeting of the board and are to be used by the successful contractors.

STORES AND OFFICES

Plans Being Prepared.
STORE BLDG. Cost, \$150,000
FRESNO, Fresno Co., Cal. Van Ness Avenue.
 Two-story and basement fireproof stores, 200 ft. frontage, refrigerating plant, etc.
 Owner—Black Package Co. (F. P. Black, Pres.), 1025 Van Ness Ave., Fresno, Cal.
 Architect—R. F. Felchlin & Co., Bank of Italy Bldg., Fresno, Cal.

Contract Awarded.
BUILDING Cost, \$17,365
OAKLAND, S 12th St. 75 W Jackson St.
 One-story class "C" building.
 Owner—N. S. Sachs, San Francisco.
 Contractor—Henry J. Christensen & R. Vane Woods, Federal Bldg., Okd.

Plans Being Figured.
STORE BLDG. Cost, \$18,000
SAN JOSE, Santa Clara Co., 7th and Santa Clara.
 One-story reinforced concrete store building.
 Owner—J. W. Madsen.
 Architect—Wolfe & Higgins, Auzaeris Bldg., San Jose.

Plans Being Figured.
STORE BLDG. Cost, 10,000
SAN FRANCISCO, Plymouth & Ocean Avenues.
 One-story frame and plaster store bldg (5 stores).
 Owner—I. C. Irvine.
 Architect—R. R. Irvine, 507 Cal Bldg.
 Figures are being taken for a general contract.

(Continued on Page 16)

Official Proposals

NOTICE TO BIDDERS

Turlock Irrigation District and Modesto Irrigation District, Stanislaus and Merced Counties, California, Joint Storage Works, Spillway Gates, Don Pedro Dam.

Sealed proposals will be received at the office of the Turlock Irrigation District at Turlock, California, until 3 o'clock p. m., November 3, 1922, for the manufacture and delivery of the Spillway Gates of the Don Pedro Dam in Tuolumne County, California, involving the furnishing, fabricating and delivery of about 225 tons, principally of riveted steel plates and structural shapes, but including steel castings, iron castings, small sluice gates and hoists, welded steel pipe, large cast iron pipe fittings and pipe railings.

Detailed plans and specifications will be furnished upon application accompanied by a deposit of \$100 to be returned to the successful bidder and to all others upon the return by them of the plans and specifications in good condition.

The contract will be let to the lowest responsible bidder, but the Board reserves the right to reject any or all bids. Early delivery is important and the guaranteed time of shipment will be considered in the awarding of the contract.

Bidders may submit bids upon any or all schedules, but no proposal will be considered for any part of a schedule.

Each proposal must be accompanied by a certified check for 5 per cent of the amount of the bid, payable to the Treasurer of the Turlock Irrigation District for the benefit of said districts as a guarantee that the bidder will, if successful, execute a satisfactory contract and furnish a bond in the sum of not less than 25 per cent of the amount of his bid for the faithful performance of the work in accordance with the plans and specifications, said bond to be subject to the approval of said Boards.

The proposal must be marked, "Proposal for Spillway Gates" and addressed, "Turlock Irrigation District and Modesto Irrigation District, Turlock, California."

Done in pursuance of orders of the Boards of Directors of the Turlock Irrigation District and the Modesto Irrigation District, this 10th day of October, 1922.

ANNA SORENSON,
Secretary of the Turlock Irrigation District.

C. S. ABBOTT,
Secretary of the Modesto Irrigation District.

BIDS WANTED FOR WINDOW AND DOOR GRILLES

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT. Supervising Architect's Office, Washington, D. C., Oct. 7, 1922.

SEALED PROPOSALS will be opened in this office at 3 p. m., and in the office of the Superintendent of Construction, Palo Alto, Calif., at 12 m., Oct. 30, 1922, for furnishing and installing window and door grilles for the United States Veterans Hospital at Palo Alto, Calif. Drawings and specifications may be obtained from the Superintendent of Construction at Palo Alto, Calif., or in this office in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

TO CALL BIDS FOR REFRIGERATING PLANT, ETC.

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed "Proposals for refrigerating and ice-making plant, Naval Operating Base (Hospital), Pearl Harbor, T. H., Specification No. 4735 will be received at the Bureau of

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

Yards and Docks Washington, D. C. in the near future. The work consists of refrigerating and ice-making equipment, using as refrigerant any satisfactory substance except ammonia, and consisting of two-motor-driven compressors, condenser, liquid receiver, two motor-driven brine pumps, a motor-driven circulating water pump, a combination freezing and brine-cooling tank with expansion coils, a water pre-cooler tank with coils, a pressure filter, brine agitator, water agitating system by compressed air, automatic can filler, hand-operated crane, automatic can dump and ice chute, ice cans, oil and scale traps, piping and other accessories; also brine piping for existing cold storage rooms and cook's hobs and the construction of an ice-storage room in the Subsistence Building. The capacity shall be 3000 pounds per 24 hours. Drawings and specification No. 4735 may be obtained on application to the Bureau of Yards and Docks, Navy Department, Washington, D. C., Commandant, Navy Yard, Mare Island, California, or to the Commandant, Naval Operating Base, Pearl Harbor, T. H. Deposit of a check for postal money or order for \$10.00 payable to the Chief of Bureau of Yards and Docks is required as security for the safe return of the drawings and specification within five days after the award of contract.

NOTICE TO CONTRACTORS

(Sequoia Union High School District—3 1-story reinforced concrete structures; estimate \$300,000)

Notice is hereby given that sealed proposals will be received by the Secretary of the Board of Trustees of the Sequoia Union High School District, Redwood City, San Mateo County, California, until Saturday, the 18th day of November, 1922, up to and until the hour of 1 o'clock of said day when the said bids will be opened at the office of said clerk, in the office of the Sequoia Union High School, Redwood City, California, for the erection and completion of the new Sequoia Union High School buildings on the property lately acquired by the said district located in Redwood City, California, according to plans and specifications prepared for the same by Werner and Coffey, architects, San Francisco, California.

Separate bids will be received for:

- The general work.
- The plumbing work.
- The heating and ventilating work.
- The electrical work.
- The plastering work.
- The blackboards in place.

Notes: Contractors may submit bids including any or all of the segregated portions of the work.

A copy of plans and specifications of said work are on file at the office of the principal of the Sequoia Union High School, Redwood City, Calif., and at the office of the Architects, Werner & Coffey, 312 Humboldt Bank Bldg., San Francisco, California.

On a deposit of \$25.00 complete plans and specifications may be had by any prospective bidder and said deposit money will be returned if said plans and specifications are returned in good order and a bona fide bid is submitted.

Bids must be made on forms obtained at the office of the Architects and be signed by the bidder, accompanied by a certified check for at least 10 per cent of the amount of the bid or proposal certified to by responsible bank or banker and made payable to D. E. O'KEEFE, secretary of the Board of Trustees of the Sequoia Union High School District, to be retained by said school district as agreed and liquidated damages should the party or parties to whom the contract or contracts be awarded fail to enter into the contract after award or to give bonds required for the faithful performance of the contract or any bond required by law.

The Board reserves the right to reject any or all bids, or any or all items of such bids.

P. BEHRENS, President
D. E. O'KEEFE, Secretary
Board of Trustees Union High School District, Redwood City, California.

BIDS WANTED FOR ELECTRICAL & PLUMBING WORK

ATTENTION CONTRACTORS BIDS WANTED

The Board of Trustees of the Selma Union High School District hereby invite sealed bids for the furnishing of labor and materials and the erection and completion of a Masonry Science Hall, according to plans and specifications of the District's architect, Norman P. Marsh.

Bids for the several sections of the work will be called for as follows:

Electric Contract.

Plumbing Contract.

Plans and specifications may be obtained from the architect, No. 211 Broadway Central Building, Los Angeles, Cal., or from supt. Construction new Redwood Joint-Union High School, Redwood City, California.

Bidders will be required to make a deposit of \$50.00 for plans and specifications which will be refunded on return of plans accompanied with a bona fide bid.

All bids must be accompanied with a Certified check or Bid bond for five per cent of the amount of bid payable to Selma Union High School District as a guarantee that if awarded the work, bidder will furnish good and sufficient Security Company bond and enter into contract for execution of work as indicated above.

All bids must be in the hands of C. W. Christensen, Clerk, at the High School, on or before 8 p. m., Friday October 26, 1922, and will be opened in public immediately thereafter.

All bids must be on uniform bid blanks furnished by the architect.

The Board of Trustees of the Selma Union High School District reserve the right to reject any or all bids.

Done by order of the Board of Trustees, Selma Union High School District. This 11th day of Oct. 1922.

P. A. DODSON, Pres.
Attest:
C. W. CHRISTENSEN, Clerk.

QUANTITY SURVEYOR

and Valuation Engineer

Buildings and Engineering Works

ARTHUR PRIDDLE

693 Mission Street, at Third St.

San Francisco, Calif.

Telephone Douglas 8-4-9-3

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned on November 8, 1922, for constructing portions of the State Highway System as follows:

(1) Bids received until, and opened at 1:30 p. m., for grading, construction of culverts and placing gravel surface, in Humboldt County, between the south county line and Winnemucca.

(2) Bids received until, and opened at 2:30 p. m., for grading, construction of culverts and placing gravel surface, in Lyon and Churchill Counties, between 2.8 miles East of Fernley and Hazen.

(3) Bids received until, and opened at 2:30 p. m., for placing gravel surface in Churchill County, between 12 miles East of Salt Wells and Sand Springs.

Plans may be examined and form of Proposal, Contract and Specifications secured at the office of the undersigned; may also be examined at the County Clerk's office in Winnemucca for Humboldt Co. work in Yerington and Fallon for Lyon and Churchill County work. May also be examined at the Division Engineer's office in Las Vegas, Elko or Reno, and District Office of Bureau of Public Roads, Mills Building, San Francisco, California. Cash deposit of Fifteen dollars (\$15.00) with the undersigned required for copy of plans which will be refunded on their return in good condition. Bids must be on Proposal form of Highway Dept. and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required and in accordance with the provisions of said Specifications, conditioned for the faithful performance of the provisions of the Contract and Specifications.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

NOTICE TO BIDDERS

(Opera Chairs)

At the regular meeting of the Board of Trustees, Hanford Joint Union High School district, held Monday evening, October 9, 1922, at the regular place of meeting, motion was made and carried that the Clerk of the Board advertise for bids to furnish opera chairs to complete seating the lower tower and for the required number to fully equip the gallery of the new Hanford Union High School as follows:

145 or more Opera Chairs with backs constructed with seven ply birch veneer, 3/4 inch thick; seats five ply birch veneer, 2-16 inches thick. Chairs mounted on metal standards and must conform with those now in the auditorium of the high school.

200 or more opera chairs for gallery. Any good opera chair may be submitted for consideration.

Prices on the above include installation. A certified check for 10 per cent of the amount of the bid must accompany the same.

The board reserves the right to reject any or all bids. All bids must be delivered to G. W. Armstead, clerk of the board, at his office in the Southern Pacific Freight Station, Hanford, Calif., or delivered in person at the office in the high school building on or before 8:00 p. m., Wednesday, November 1, 1922 at which time bids will be opened.

G. W. ARMSTEAD,
Clerk of the Board of Trustees.

BIDS WANTED FOR ADDITION TO SAN JOSE POST OFFICE

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., Oct. 13, 1922.

SEALED PROPOSALS will be received at this office until 3 p. m., Nov. 7, 1922, and then opened for an extension to the building and driveway, at the United States Post Office at San Jose, Calif., in accordance with the specification and drawings mentioned therein. Copies of which may be had at this or at the office of the Custodian, in the discretion of the Supervising Architect, Jas. A. WETMORE, Acting Supervising Architect.

NOTICE TO CONTRACTORS

(McKinley School Addition)

Notice is hereby given that the Board of Education, Bakersfield City School District, City Hall, Bakersfield, Calif., will receive sealed bids, up to 7 p. m., of October 26th, 1922, for the erection and completion of a two-room brick and frame addition to the McKinley School Building, Bakersfield, Calif., in accordance with plans and specifications for same on file with the Clerk of said Board and open for the inspection of bidders. Copies of said plans and specifications may be had at the office of Charles H. Elggar, architect, Bank of Italy Bldg., Bakersfield, and the work will be done under his supervision. Each bid must be accompanied by a certified check for at least ten per cent of the amount bid, said check to be made payable to the Clerk of the Board of Education, Bakersfield City School District, and will be forfeited should the successful bidder fail to enter into contract for the erection and completion of the building, satisfactory to the said Board of Education and in addition thereto, furnish satisfactory bond in the amount of seventy-five per cent

of the contract price. The Board reserves the right to reject any or all bids or to waive any informality in any bid received. Alternate bid for the construction of one room only, is also desired.

By order of the Board of Education, Bakersfield City School District, September 23, 1922.

HARRIET R. PEACOCK,
President.
E. R. LONG, Clerk.

STORES AND OFFICES

(Continued from Page 14)

Segregated Figures Being Taken.
STORE & LOFT BLDG. Cost, \$29,000
SAN FRANCISCO. E Leavenworth 57-6 S Turk.
Two-story store and loft building.
Owner—G. E. Bennett.
Architect—L. H. Niskkanen, 853 Mondrack Bldg., San Francisco.

Contract Awarded.
BUILDING
FRESNO, Fresno Co., Cal., 1454 N Van Ness Avenue.
Owner—Francis C. Meehan, Fresno.
Contractor—E. Higgins, 1525 "O" St., Fresno.

Contract Awarded.
BAKERY BLDG. Cost, \$16,690
SAN FRANCISCO, S W 23rd and York
Two-story steel, brick and frame building 25x104 store and flat, extension to present building.
Owner—Ferro Bros.
Architect—C. Fantoni, 550 Montgomery.
Contractor—V. Filippis, 1527 Powell St.

Plans Being Figured.
OFFICE BLDG. Cost, \$30,000
SAN FRANCISCO, N E Market and Drumm.
Alter 8-story office bldg (marble, tile work, etc.).
Owner—Dunn-Williams Co.
Architect—S. Helman, 57 Post St.

Contract Awarded.
OFFICE BLDG. Cost, \$33,686
OAKLAND, Cal., N Grand Ave., 97 W Park View Terrace.
Two-story frame and plaster office building.
Owner—Dr. L. P. Adams and Dr. W. H. Streithmann.
Architect—Wm. F. Milwain, Albany Bldg., Oakland.
Contractor—F. W. Maurice, 1362 E-25th St., Oakland.

MARYSVILLE, Yuba Co., Cal.—I. C. Evans, 802 E St., Marysville, at \$15,000 awarded contract by Geo. Schneider, 522 Fourth St., Marysville, to erect a one-story, 8x76 ft. store building at 1th and High Sts. Will contain 4 stores.

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BRIDGES, DAMS & HARBOR WORK

BUREKA, Humboldt Co., Cal.—County Supervisors accept offer of Highway Commission to pay one-half the cost of constructing new bridge over Van Duzen river near Altun. The structure will cost about \$50,000.

SAN RAFAEL, Marin Co., Cal.—Until Nov. 8, 11 a. m. bids will be rec. by Robert E. Graham, county clerk, to const. rein. conc. culvert in Middle Fork flood Rd. at Cunningham's Landing, Rd. Dist. No. 4. Cert. check 10% payable to Chairman of Board of Suprs. required with each bid. Spec. on file in office of clerk.

SAN BERNARDINO, Cal.—County supervisors will probably reject all bids for const. South E St. bridge as too high. Est. was \$6000; lowest bid, \$3200.

SAN DIEGO, Cal.—The "Rivers and Harbors Bill" provides \$160,000 for dredging work in San Diego harbor. This type area into which the new mole type pier will extend. The new was sent from Washington by Congressman Phil D. Swink.

REDWOOD CITY, San Mateo Co., Cal.—Supervisors reject bids to const. rein. conc. box culvert and filling in old bridge site in Alpine road at crossing of Corte Madera river in 3rd District. Work ordered by day labor, under supervision of County Survey. Geo. A. Kneese.

RED BLUFF, Tehama Co., Cal.—County Surveyor W. F. Luning completes estimates of cost to const. bridge over Sacramento river at Bend; bridge with solid conc. piers, \$101,800; bridge on cylinder piers, \$83,000 and for conc. bridge \$120,000.

RENO, Nevada—Property owners and petition city council to const. bridge over Cortez river. Estimate of cost, \$10,000, approx. \$30,000 of this amount to be assessed to property owners. Harry Chism, city engineer.

SANTA ROSA, Sonoma Co., Cal.—W. L. Proctor, Santa Rosa, at \$3015 awarded contract by supervisors to construct bridge on Valley Forge-Freestone highway, involy. 90 cu. yds. class B conc., 6700 ft. B. M. timber, D. E. Allers, Santa Rosa, at \$1880 awarded contract to const. 3 rein. conc. culverts on 2-Rock Fallon road, involy. 60 cu. yds. class A and E conc.

FRESNO, Fresno Co., Cal.—C. C. Gledhill, Fresno, at \$1800 awarded contract by supervisors to const. bridge on Fowler-Laten road.

NOGALES, Ariz.—Lewin and Wood awarded contract at about \$17,000 to construct a new state highway bridge over Sonita Creek at Patagonia.

VENTURA, Cal.—Until 11 a. m. Nov. 9, bids will be rec. by supervisors for removal of the old floors and construction of two new bridge floors, one 20x132 and one 20x394, involy. 29,000 ft. B. M. new timber, 114 cu. yds. class "A" conc., 14,100 lbs. rein. steel. Plans and spec. on file with County Surveyor Chas. W. Pettit, L. E. Hollowell, clk.

BIGGS, Butte Co., Cal.—Until Nov. 6, 3 P. M. bids will be received by Chas. Blimie, Secretary, Drainage District No. 200 of Butte County to construct reinforced concrete bridge over Main Ditch A on Ricketson road. Specifications may be obtained from Wm. Green, Engineer, Biggs, Calif.

SAN JOSE, Santa Clara Co., Cal.—County Sur. J. J. Ryder preparing spec. for rein. conc. bridge over Pajaro river on Bolsa road; work to be financed jointly by San Benito and Santa Clara counties.

SAN JOSE, Santa Clara Co., Cal.—Until Nov. 6, 11 a. m. bids will be rec. by Henry A. Pfister, county clerk, to const. wooden bridge in Alum Rock Falls Road, in supervisors Dist. 3 and one rein. conc. culvert in Middlefield road over Clark ditch in Supervisor Dist. 5. Cert. check 10% payable to clerk required with each bid. J. J. Ryder, county sury.

SANTA BARBARA, Santa Barbara Co., Cal.—Santa Barbara Yacht Club has endorsed the engineering firm of Leeds & Barnard, Los Angeles, for survey to be made of proposed inner harbor for the club. A public fund known as the Harbor Survey Fund has been raised to complete this survey and make the beginnings of a harbor for Santa Barbara.

ORANGE, Cal.—A survey of the proposed Santiago canyon reservoir project under consideration for some time has been ordered by the Irvine Company and carpenter and Serrano water companies. Plans call for a reservoir capable of 1500-inch flow during 200 days. The expense will be borne half by the Irvine Co., and half by the water companies.

SAN BERNARDINO, Cal.—Edgar T. Wheeler Co., L. A. Ry. Bldg., Los Angeles, submitted bid to supervisors at \$200 to const. steel plate girder bridge with concrete abutments over Warm creek. Other bids were: Mercereau Bridge & Constr. Co., \$8987; Davidson Constr. Co., \$10,344; Geo. Herz, San Bernardino, \$10,253; W. M. Ledbetter Co., \$11,370. Bids under advisement.

SACRAMENTO, Cal.—Bids were opened on October 16th by Harry W. Hall, County Clerk, to construct steel and concrete bridge over Steamboat slough near Paintersville. Separate bids were opened the same day to construct a steel and concrete bridge over Sacramento river near Paintersville.

Bids were received as follows:
(1) Both bridges; (2) Paintersville Bridge; (3) Steamboat Slough. Jenkins & Elton, Sacramento (1) \$333,316; (2) \$197,400; (3) \$142,600. Healy Tibbitts Constr. Co., San Francisco (1) \$52,300; (2) and 3—\$155,000. A. W. Kitchen (1) \$355,000; (2) \$204,000. Clinton Constr. Co., San Francisco (1) \$325,400; (2) \$208,600; (3) \$161,551. Bids were taken under advisement until October 23rd.

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PORTLAND, Ore.—Albert Burham, St. Helens, Ore., at \$22,325 submits low bid to F. S. Engineer Office, 321 Customhouse, to const. dyke in Columbia River near Burke Slough, involy. 75,000 cu. ft. filling; 53,000 E. B. m. timber, 2500 cu. yds. stone; 1800 cu. yds. gravel; 3500 cu. yds. excavation. Other bids: Pacific Bridge Co., Portland, \$23,500; Philip Const. Co., Portland, \$23,671; Jacobson Const. Co., Portland, \$25,200; A. Guthrie Co., Portland, \$26,205; Henry C. Makela, Astoria, \$31,120.

VENTURA, Cal.—Until 11:30 a. m. Nov. 9, bids will be rec. by supervisors for the construction of a reinf. conc. box culvert with earth fill, guard fence etc., involy. approx. 56 cu. yds. class "B" conc., 1000 yds. earth fill, 21 ft. 8-in. corrug. iron pipe, 2500 lbs. reinf. steel, 28 ft. 12-in. corr. iron pipe, 180 ft. 24-in. fence. Plans and spec. on file with county surveyor. Cert. chk. 2%. L. E. Hollowell, clerk.

LONG BEACH, Cal.—Construction of a deep water ship canal from Long Beach Harbor to Dominguez Junction, promoted by the L. A. Terminal Assn., has reached the stage where the Dominguez estate has granted right of way, and a survey under the direction of George W. Goethals has approved the engineering features. A. P. Gillies, industrial engr. of the assn., is in charge. Long Beach Chamber of Commerce has named a committee to care for city interests.

SANTA CRUZ, Santa Cruz, Cal.—M. Thies awarded contract by supervisors to const. struct culvert in Branciforte road district.

HOLLISTER, San Benito Co., Cal.—San Benito County Supervisors will confer with supervisors of Santa Clara county regarding construction of a new bridge over Pajaro river in the Bolsa District. W. A. Winn, county sury.

STOCKTON, San Joaquin Co., Cal.—Until Nov. 8, 10 a. m. bids will be rec. by Eugene D. Graham, county clerk, to construct rein. conc. trestle bridge on site of old trestle in Lower Sacramento road, over a portion of the Mokelumne river, near town of Woodbridge in Rd. Dist. 2. F. E. Quail, county surveyor.

IRRIGATION PROJECTS

TURLOCK, Stanislaus Co., Cal.—Until Nov. 3, 2 p. m. bids will be rec. by Anna Sorenson, secy., Turlock Irrigation Dist. for manufacture and delivery of spillway gates for Denison Dam project, involy. 225 tons, principally of riveted steel plates and structural shapes but incl. steel castings, iron castings, small sluice gates and hoists, welded steel pipe, large cast iron pipe fittings and pipe railroads. See call for bids under official proposal section in this issue.

ORLAND, Glenn Co., Cal.—Enlargement of the Orland Irrigation District is proposed by the Orland Chamber of Commerce. Construction of the Orland Lake district, back of Brownwell or Julian Rocks and the forming of a new unit to the present Orland district is planned. The new unit bet. 20,000 and 30,000 acres. Construction totaling \$3,000,000 is proposed.

EL CENTRO, Cal.—The Imperial Irrigation District has rejected all bids for constructing main drain outlets of the proposed drainage works of the dist. The bids ranged from 15c to 20c yd. Director Mark Rose stated the dist. could do the work for less as it has nearly all equipment needed. P. H. Moyer, secy., Masonic Bldg., El Centro.

TRACY, San Joaquin Co., Cal.—Until Nov. 3, 11 a. m., bids will be rec. by Lynn O. Stark, sec'y, Naglee-Burk Irrigation District, 47 W 6th St., for the following improvements:

Under Contract No. 2: (1) lump sum for furnishing labor and materials to shape and prepare canal banks for concrete lining; (2) furnishing material for placing 6476 lb. of concrete lining; (3) \$200 "extra work" including in general, an unknown amount of work directly involved in the project say cost plus percentage. Certified check for \$1000 payable to President of District required.

Under Contract No. 3 (1) furnishing labor and materials required to construct 5.2 miles of drainage laterals and 2800 ft. of main drainage canal construction; (2) furnishing materials for construction and installation of 1800 ft. of 18-in. rein. conc. pipe; (3) furnishing labor and materials to construct rein. conc. superstructure for installation of necessary pumping machinery and drainage equipment; (4) \$500 "extra work" including in general, an unknown amount of work directly involved in the project say cost plus percentage. Certified check of \$1000 required payable to President of District.

Under Contract No. 4 (1) for furnishing and installation of following equipment: 12-in. double suction vertical centrifugal pump with bronze impeller, removable bronze flanges, inn-peller, necessary suction inlet cones, pump shaft, shaft tubing and coupling for direct connected motor and companion flange on pump discharge nozzle. 1 12-in. by 12-in. flanged check valve. 1 12-in. by 1-in. curved taper approx. 9-in. long of number 10 double riveted and dipped steel, one sand flanged and one end hubbed 3-ft. dia. rein. conc. pipe, automatic lubricating attachment for pump, 1 30-h. p. 60 cycle 3 phase 110 volt, 550 revolutions per min., 10 degree motor with remote control and automatic starting compensator with overload and underload relays. 1 float switch 37½ k. v. 2200 volt oil 440 volt transformers. 1000 gal. sary oil designed to deliver 4500 gals. per minute against 20 ft. head and of a guaranteed efficiency of at least 80 per cent to be tested after installation, also all necessary lighting fixtures, switches and cut-outs; (2) \$200 "extra work," including in general, an unknown amount of work directly involved in the project say cost plus percentage. Certified check \$500 payable to President of District required with each bid. Plans may be obtained from office of Secretary of District at Tracy.

MERCED, Merced Co., Cal.—Frank A. McConnell, of Livingston, awarded contract by Merced Irr. Dist. at 22c cu. yd. for extending canal to irrigate several acres near the Merced river.

SAN GABRIEL, Cal.—A party of engineers, including Flood Control Engr. Reagan, member of the county board of supervisors, and members of the San Gabriel Valley Chamber of Commerce, have started on a trip of inspection over the territory in the San Gabriel canyon where it is proposed to build a dam and other adjuncts of a flood control project costing about \$25,000,000. It is proposed to build a great canyon dam and utilize the immense amount of waters in the San Gabriel river for irrigation purposes.

ROSEVILLE, Placer Co., Cal.—Petition seeking formation of proposed Roseville Irrigation District has been submitted to the county supervisors at Nov. 6 meeting. District will comprise about 35,000 acres. Enlargements are proposed at a later date. Water for ditches would be purchased from the P. & E. Co., and Western States G. and E. Co. C. W. Landis and A. C. Cleary, Mills Bldg., San Francisco, are engineers for the proposed district.

LIGHTING SYSTEMS

OAKLAND, Cal.—Petitions are being circulated by the Down Town Ass'n. to have electric lights installed in Broadway, Telegraph and San Pablo Aves., bet. 14th and 16th Sts.; 15th St., bet. Broadway and Franklin and 16th St., bet. Telegraph and San Pablo Aves. Stand-ards combining lighting units with

trolley poles is proposed in an effort to reduce the cost. About 98 trolley poles are in the district where the system will be installed. The cost of installation will be about \$14.50 per front foot. Geo. E. Sheldon is secretary-manager of the Down Town Assn.

GLENDALE, Cal.—H. H. Walker, 1800 W 12th St., Los Angeles awarded contract by council at \$14,818 to install ornamental street lights on San Fernando Rd., bet. Pacific Ave. and Los Feliz R. av. on 50 2-light Marbelite posts. Other bids were: Newbery Elec. Corp., \$16,532; Paulson Constr. Co., \$16,640; So. Cal. Elec. Co., \$16,660; C. W. Sparks, \$16,835.

LOS ANGELES, Cal.—Paulson Constr. Co. submitted bid to supervisors at \$3941 to install complete ornamental lighting system, consisting of 33 lights with underground service, in the National lighting dist. Other bids were: C. W. Sparks, \$4100, 60 days; So. Cal. Elec. Co., \$4135, 100 wkg. days; Newbery Elec. Co., \$4290, 90 days; H. H. Walker, \$4336, 90 days; D. S. McEwan Elec. Co., \$4517, 60 days; So. C. Kerns, \$6600, 90 days. Bids under advisement.

C. W. Sparks, 433 San Fernando Bldg., awarded contract by bd. Pub. Wks. at \$7871 for install ornam. lights compl. in Berkshire Ave., bet. Kendall Ave. and Huntington Dr., north and in portions of other streets.

Paulson Constr. Co. awarded contract by board of Pub. Wks. at \$11,463 for installing ornam. lights complete in Grand Ave., bet. Ninth and Pico Sts.

SANTA CRUZ, Santa Cruz Co., Cal.—Following bids received by supervisors for lighting system in Boulder Creek Public Lighting District: (1) Western Electric equipment; (2) General Electric equipment:

Santa Cruz Electric Co., (1) \$1049.90; (2) \$1093.40.
San Jose Utilities Co., (1) \$948.03; (2) \$953.72.
Walter L. Paine, (1) \$931.36; (2) \$931.36.
Ernest A. McGinty (1) \$1022.35; (2) \$973.05.

Bids taken under advisement.

MACHINERY

PALMDALE, Cal.—H. G. Klusman, Cucamonga, has the contract to make and lay about 30 miles of irrigation pipe for the Palmdale and Little Rock irrigation districts.

SAN FRANCISCO.—Seagrave Co., at \$8560 awarded contract by Fire Comm. for one gasoline motor-driven tractor of 4-wheel type to be attached to water tower.

EAST SAN DIEGO, Cal.—Cuyamaca Water Co. will build an entire new pipe line on El Canon Blvd., bet. Euclid and Van Dyke Aves. Work will start within 90 days. Pipe will be 14-in. steel, guaranteed for 15 years.

LOS ANGELES, Cal.—Until 3 p. m., Oct. 21, bids will be rec. by Public Service Comm., 207 S. Bldy., for lead coverable Spec. P-292, Jas. P. Vroman, secretary.

SAN JOSE, Santa Clara Co., Cal.—Artana-Groffroy Co., Inc., Sta. Clara, awarded contract by supervisors for fur. one or more 1-A Heil Hydro Hoid No. 5 with all steel pump body 4-foyd with double acting tailgate to be installed.

SAN JOSE, Santa Clara Co., Cal.—Benson and Weaver, 89 S Market St., San Jose, at \$2692 awarded contract by supervisors for fur. one and one or more 5-ton Lee trailers. Pichetti Bros. & Co. bid \$2076.25 each for Reliance trailers.

GLENORA, Cal.—Byron Jackson Iron Works, Los Angeles, awarded contract to furnish city with pump for well. 2 Bids for the rice equip. and motor, were as follows: Max Elec. Co., 125 h. p. motor, \$993.30; 150 h. p. motor, \$1170.20; Illinois Elec. Co., 125 h. p. motor, \$99.30; 150 h. p. motor \$1170.20. Bids taken under advisement.

BAKERSFIELD, Kern Co., Cal.—Following bids taken under advisement by City Council for fur. and del. tractor for use of street department: Geo. Elliott, Western 10-ton Holt caterpillar, 40-60, \$5250; one of similar make 5-ton, 25-40, \$4225; one 24-35 h. p., \$4560, with an all-steel motor at \$4560, the city owned old tractors; one 38-55, for \$4700, all f. o. b. Stockton. Edward R. Beacon Co., San Francisco, one model 25-40 tractor with a Wisconsin motor at \$4560, delivered Bakersfield, the same tractor equipped with a Yuba motor \$4830, with \$200 allowance for the two old machines. 11 of \$2450, 20-60, Cummins tractor, \$5200, 16-30, 2425; Cousins Tractor Co., one 60 horsepower tractor with three speeds forward and reverse, \$6068, with two speeds, \$5718. W. D. Clarke, city eng.

BAKERSFIELD, Kern Co., Cal.—Secretary of Board of Education instructed to purchase pressure pump systems for the Roosevelt and Primavera schools and for drilling well at the latter structure.

SAN FRANCISCO.—Seagrave Co., at \$5500 awarded contract by Fire Commission for furnishing and delivering one gasoline, motor-driven tractor of 4-wheel type, to be attached to hook and ladder trucks.

MERCED, Merced Co., Cal.—Llewellyn Iron Works, Los Angeles, at \$4800 awarded contract by Merced Irrigation Dist. for pump, motor and equipment for Booster Plant No. 1. Bronze propellers will be used.

SAN JOSE, Santa Clara Co., Cal.—O. H. Weed Tractor Co. awarded contract by supervisors to fur. and del. one Cruiser type 60-h. p. tracklayer tractor at \$5950, extra plates \$80; transportation \$35. No action taken on bids for 30-h. p. tractor. Complete list of bids received follows:

O. H. Weed Tractor Co., 30 h. p. \$3100 extra steel plates \$50, transportation \$20, total \$3170.
Garden City Implement and Vehicle Co., 30 h. p. \$3560, 40 h. p. \$4225, 35 or 25 h. p. \$1975.

Holt Manufacturing Co., 60 h. p. \$3592, 40 h. p. \$1251, 35 or 25 h. p. \$1886.40.

SACRAMENTO, Cal.—H. C. Bottorff, city controller, will sell at public auction, Oct. 16, 10 a. m., 10 tons, more or less, of scrap iron now located in Corporation Yard.

SANTA CRUZ, Santa Cruz Co., Cal.—Following bids taken under advisement by City Council for del. f. o. b. Santa Cruz 2000 ft. 4-in. class B c. i. pipe, bend and elbow joints; 12 4-in. c. i. tees; 3 4-in. c. i. crosses; 6 6x4-in. 6 6x4-in. and 6 6x4-in. c. i. tees; 6 6x4-in. and 6 6x4-in. c. i. bends; pipe to be not less than 12 ft. lengths: W. E. Horn & Co., pipe, \$59.40 ton; 4-in. fittings, \$113.55 (ton); 6-in. c. i. fittings, \$105.55 a ton.

C. S. Cast Iron Pipe & Foundry Co., pipe, \$48 ton; fittings, \$342 and \$56 1/2 lb. American Cast Iron Pipe Co., pipe, \$1200; fittings \$124.32; total \$1724.22. McWane Cast Iron Pipe Co., total bid \$1568.86.

SACRAMENTO, Cal.—City Controller H. C. Bottorff will sell at public auction, Oct. 25, 10 a. m., the following material located at Sacramento Filtration Plant and no longer required by the city:

2814 pcs. 4x8—12 ft. O. P. S2S first class.

750 pcs. 4x8—22 ft. O. P. S2S first class.

116 pcs. 3x12—12 ft. Ex. Merch. R. W.

S4S Blvd. first class.

21 pcs. 3x12—14 ft. Ex. Merch. R. W.

S4S Blvd. first class.

12 pcs. 3x12—14 ft. Ex. Merch. R. W.

S4S Blvd. first class.

33 pcs. 3x12—18 ft. Ex. Merch. R. W.

S4S Blvd. first class.

116 pcs. 3x12—20 ft. Ex. Merch. R. W.

S4S Blvd. first class.

1 belt driven 8 spindle multiplex drill (Fox) with 1-10 H. P. motor; good.

1 belt driven 8 spindle multiplex drill (St. Watson Stillman hyd. jacks) new.

2 steel plate shields wt. 17000 lbs.; new.

1 packing rings wt. 960 lbs.; new.

1 hot water boiler; good.

DENVER, Colo.—Until Dec. 6, 2 p. m., bids will be rec. by U. S. Reclamation Service for fur. two direct pumping units for the Black Canyon pumping plant, Boise district, Idaho. Further information address above.

MERCED, Merced Co., Cal.—Following bids taken under advisement by directors of Merced Irrigation District for fur. 2 pumps direct connected to 2 electric motors with motor control equipment for Booster Plant No. 1 of the Lake Yosemite-Le Grand Canal. Jewell Iron Works, Los Angeles, \$450 with e. l. bearings and \$306 with bronze.

Pelton Water Wheel Co., San Francisco bids ranging from \$704.10 to \$730.20 with additional charge of \$200. for testing one or \$288.00 for testing both pumps.

Byron Jackson Iron Works, \$700 to \$800.00 with \$250 to \$300 additional for testing.

Worthington Co., San Francisco, \$10.160 with \$65 for testing one or \$120. for testing both pumps.

United Iron Works, Oakland, \$975.00 to \$11,770 with \$1485 for testing.

Ingersoll-Rand Co., San Francisco, \$13,350 Hertzog Elec. & Eng. Co., S. F., from \$12,180 to \$13,607 with \$155 for one or \$510 for two tests.

CHICO, Butte Co., Cal.—Until Nov. 1, 3 p. m., bids will be rec. by C. J. Hopkins, clerk, Shasta Union School District, for fur. one of 2 motor buses, capacity 30 pupils each, delivery to be made not later than Dec. 15. Cert check 10% required with each bid. For further information address clerk at Chico. No. 1, Box 202, Chico.

SANGER, Fresno Co., Cal.—Until Oct. 27, 7:30 p. m., bids will be rec. by T. H. Zim, clerk, Sanger Union High School District, for fur. and install. one belt driven 12-in. wood line turning 60-in. bet. centers, incl. counter shafts, on double end spindle and rear end face plates; one floor stand complete and complete set of tools. For further information address clerk at Sanger.

LOS ANGELES, Cal.—Until 3 p. m., Nov. 3, bids will be received by Public Service Comm., 247 S. Broadway, for insulating wire and cable. Spec. P-291. Jas. P. Vroman, secy.

LOS ANGELES, Cal.—Until 3 p. m., Oct. 24, bids will be rec. by Public Service Comm., 247 S. Broadway, for 4 steel tool box trucks. Adv. No. P-292-293.

Separate bids, same date, for 25,000 ft. 2-in. wrought black pipe. Spec. 627-C. Separate bids, same date, for 1250 ft. No. 4, A. W. G. 7-strand, 3 conductor cable. Spec. 627-B. Jas. P. Vroman, secy.

VALLEJO, Cal.—D. J. Johnson, Vallejo, at \$2960 awarded contract by council to 2 motor truck for use of street department.

RAILROADS

SANTA BARBARA, Cal.—It is reported that S. P. Ry. is preparing to build a standard gauge railway through Santa Ynez Valley, touching Gaviota, Solvang, Santa Ynez, and Los Olivos. The total length is 25 miles. They are reported as securing right-of-way.

GRANTS PASS, Ore.—Beaver Portland Cement Co., wants to lease const. 9-miles of standard gauge railroad and 6000 ft. of tramway to the Cheney Creek lime quarries to connect with the California-Oregon Coast railway. Tram will be double track, for distance of 4400 ft. with 1500 ft. single track on summit; lime rises 1200 ft. Povel line will be built along right of way. Construction of 400 h. p. plant now under way in addition to machine shops, etc.

FIRE EQUIPMENT

SAN FRANCISCO.—Stutz Fire Engine Co., at \$11,650 awarded contract by Fire Comm. to fur. one gasoline motor-driven and operated combined pumping engine and hosewagon.

SAN FRANCISCO.—Until Nov. 13, 8:30 p. m., bids will be rec. by Frank T. Kennedy, secy., Fire Commission, for fur. and del. 1-in. chemical fire hose; 1½-in., 2-in., 3-in., and 3½-in. cotton lined fire hose. Spec. No. 100. Bids had from Secretary, basement, city hall.

BERKELEY, Alameda Co., Cal.—Bids were received as follows on Oct. 18 by the Board of Education of the City of Berkeley for the wiring and installation of an electric clock, program bell and fire alarm system for the Jefferson School addition situated on Sacramento and Rose Sts., Wm. C. Hayes, First National Bank Bldg., San Francisco, is the architect.

The Clock Co., S. F., \$185
International Time Recording Co., San Francisco 618
Stand. Elec. Time Co., S. F., 575
Bids were taken under advisement.

CULSUA, Culusa Co., Cal.—Until Nov. 6, 3 p. m., bids will be rec. by B. L. McCune, city clerk, for fur. and del. 500 ft. of 2½-in. double jacket rubber lined hose with 2½-in. expansion lined couplings, Pacific Coast Thread, etc. Further information obtainable from clerk.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

INGLEWOOD, Cal.—Voters authorize a bond issue of \$57,500 for purchase of water bearing land and \$157,000 for new water equipment and extension of lines.

SAN JOSE, Santa Clara Co., Cal.—Hugh Crumney, San Jose awarded contract by council to improve William St. between Market and Lincoln Place; by grading, paving with 1½-in. asphalt surface on 3-in. asphalt concrete base; 3 in. catchbasins; 8-in. vit. pipe drains.

SAN JOSE, Santa Clara Co., Cal.—Jose awarded cont. by council to sewer portions of West Virginia St. and Harless Ave.; 8-in. vit. sewer, \$160. 6-in. vit. sewer, \$150; 4-in. vit. sewer, \$85. 3-in. sewer, \$175; 6x5 wyes, \$140; lamp-hole, \$10.

SAN ANSELMO, Marin Co., Cal.—Town trustees, Arthur W. Studley, clerk, declare intention to improve Barber, Estrada, Prospect Aves., Avenue Del Norte and Alta Vista Aves., each for its entire length, together with 24-ft. of termination of Barber Ave., in Main St., and Stordard Ave., from its intersection with Alta Vista Ave., easterly. Northerly, easterly and southerly a distance of 620 ft., by const. conc. curbs and gutters, with grading, conc. catchbasins and waterways; corr. iron and segmental culverts with conc. invert, side-walls and headwalls and paving with asphalt macadam. 1911 Act. Protest: Nov. 6.

MERCED, Merced Co., Cal.—Petitions seeking the organization of a road improvement district to finance construction of six miles of highway from Granada and Le Grand are in circulation. Engineer J. F. McSwain, Merced, will prepare plans for the work, estimated to cost \$85,000.

OAKLAND, Cal.—Until Oct. 26, 12 m., bids will be received by E. K. Sturges, city clerk, to improve h. of 12th St., bet. 44th and 45th Aves., grading, conc. curbs and gutters, paving with oil macadam. 1911 Act. W. W. Harmon, city eng.

OAKLAND, Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, awarded contract by council to improve portion of Stanley Ave.; grading, \$807; conc. curb, \$75; conc. gutter, \$13; oil macadam pavement, \$2184.

SAN DIEGO, Cal.—Prince Auto Speedway Const. Co. has been awarded contract to construct \$250,000 speedway for the San Diego Speedway Assn. The track site will be a duplicate of the Los Angeles speedway. A. C. Pillsbury Co., Los Angeles, has charge of the engineering work. A. M. Young, managing director of the Beverly Speedway, Los Angeles, is one of the men back of the project.

ANTHONY, Contra Costa Co., Cal.—City Eng., Macdonald, has completed plans for a sewer outlet in the vicinity of A and Tenth Sts. Est. cost \$8500.

OAKLAND, Cal.—City Council, E. K. Sturges, clerk, has started proceedings to widen 20th St. from San Pablo Ave. to Harrison St. Cost of work, including purchase of lands, will run about \$800,000, the work to extend over a period of several years. W. W. Harmon, city eng.

GUSTINE, Merced Co., Cal.—Eng. A. E. Cowell, has prepared spec. for paving links bet. street pavement and county highways, involy. approx. 1230 cu. yds. conc., 20-ft. wide and 5-in. thick, culverts, etc.

BERKELEY, Alameda Co., Cal.—City Council, E. M. Hann, clerk, declares intention to improve portion of Oxford St. by const. concrete curbs and gutters; reg. and paving with 6-in. asphalt conc. 1911 Act. Protests Oct. 31. C. L. Huggins, city eng.

MERCED, Merced Co., Cal.—Until Oct. 23, 3 p. m., bids will be rec. by J. L. Thornton, county clerk, to improve roads in Road Imp. Dist. No. 3, invly. 13.1 miles of 16ft. roadway, 4 miles of 6-in. concrete and the balance 3½ in. Warrenton top. A. E. Cowell, Merced, engineer.

SAN FRANCISCO.—City Eng. M. M. O'Shaughnessy, completed spec. to improve Pon View St., bet. Eugenia and Esmeralda Aves., est. cost \$7400. Project involves 1192 cu. yds. cut; 185 cu. yds. fill, 11.75 sq. ft. conc. pavement; 100 sq. ft. asphalt. conc. pavement; 1002 cu. ft. conc. curb; 3 catchbasins; 45 lin. ft. 10-in. culvert; 20 lin. ft. 8-in. granite pipe sewer and 380 sq. ft. art. stone walks.

SACRAMENTO, Cal.—Until Oct. 30, 10 a. m., bids will be rec. by Harry W. Bell, county clerk, to widen 12th St., road 2-ft. on west side from city limits north 2800 ft. with asphalt conc. pavement. Cert. check 10% payable to chairman Board of Suprs. required. Plans may be had from County Eng. or Clerk.

STOCKTON, San Joaquin Co., Cal.—City Morning Commercial Savings Bldg., Stockton, at \$15,530 awarded cont. by supervisors to const. oil macadam pavement in Thomas Wall Rd. No. 245, 1st Imp. Dist. No. 7.

SACRAMENTO, Cal.—Supervisors take into advisement matter of residents in North Sacramento seeking grading and graveling of Eldridge Ave., and 17th St. Chas. Deterding, county engineer.

RICHMOND, Contra Costa Co., Cal.—E. E. Grow, 318 14th St., Richmond, at \$145 awarded contract by council to have floating municipal wharf. Hutchinson Co. bid \$1775.

WATTS, Cal.—Proceedings will be started to pave Priscilla and Elbert Sts. bet. Wildlife, Victor Stahel, Hermosa Beach, Eng.

SOUTH SAN FRANCISCO, S. M., Bids will be rec. by Daniel Mcweeney, city clerk, to grade Civic Center site. Cert. check 10% payable to city required. Spec. on file in office of clerk.

LOS ANGELES, Cal.—Tract No. 180 Water Co. granted a franchise to lay and maintain a pipe line at about \$13,000 beginning at the intersection of Wright Rd. and Florence Ave.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at \$183 yd. awarded contract by city council to fur. 1000 cu. yds. or more gravel for use in street improvements.

RIVERSIDE, Cal.—Geo. M. Pearson, of La Verne, submitted lowest bid to supervisors to imp. 8000 lin. ft. of Elsinore-Gorona road at about \$13,000 for macad. pavement and about \$22,000 for conc. Other bids were: R. T. Shea & Co., of Riverside, and Charles W. Winnet, of Bakerfield. Bids referred to A. C. Fulmer, county road comm.

SANTA MONICA, Cal.—Commissioner of Public Works William H. Carter, announces that \$50,000 will be expended on improvements to the water system. Funds to be secured from the Los Angeles board of education in payment on Los Angeles land and Eboneville Aves. in Sawtelle.

FRESNO, Fresno Co., Cal.—Until Oct. 26, 2 p. m., bids will be rec. by R. Y. Ft. George, city clerk, to imp. Thorne Ave., bet. Hedges and Belmont, involv. 128,899 sq. ft. grading, 113,900 sq. ft. asphalt, paving, 1,407 sq. ft. concrete gutter, 24,472 sq. ft. conc. curb, 203 lin. ft. 12-in. and 56 lin. ft. 18-in. culvert, 66 lin. ft. vit. sewer pipe.

Separate bids, same date, to improve Washington St., bet. F and G Sts., involv. 25,295 sq. ft. grading, 24,032 sq. ft. asphalt, paving, 1129 sq. ft. conc. gutter, Wm. Stranahan, city eng.

LOS ANGELES, Cal.—J. G. Beckford, 718 San Fernando Building, submitted low bid to supervisors, at \$11,500, to improve Broadway at Corcoran Ave., between Bell Avenue and Florence Ave., by grading, paving with oil and screenings, concrete curbs, concrete walls and concrete gutters, about 213 lin. ft., 56 sq. ft. D. C. No. 228, involv. approx. 2182 cu. yds. excav., 11,909 sq. yds. shipping, 5842 lin. ft. curbs, 23,536 sq. ft. work, 11,409 sq. yds. oil and screenings. Other bids were: Geo. J. Beck, \$11,932; S. M. Kerns, \$12,600.

YUMA, Ariz.—Kisselburg & Smith, Phoenix, submitted low bid to State Highway Commission, Yuma, at \$156,943 for constructing 42 miles of highway between Wellton and Aztec in Yuma County.

SANTA ANA, Cal.—Until 11 A. M., October 24, bids will be received by Supervisors to improve Prospect Ave., between Chapman St. and Walnut Ave., involv. 55,124 sq. ft. 8-in. concrete pavement, Plans and specifications on file with J. L. McBride, county engineer. Superintendent, upon deposit of \$5 Certified check or bond for 10% J. M. Backs, clerk.

PORTLAND, Ore.—Until Oct. 27, 10 a. m., bids will be rec. by C. H. Purcell, District Engineer, U. S. Bureau of Roads, 316 Postoffice Bldg., to const. Mt. Hood Lodge, Wapinitia, near Lake Yaceltan Natl. Forest Road project in Oregon Natl. Forest, 7.16 miles, involv. 35 acres clearing.

FRESNO, Fresno Co., Cal.—City Council, K. Y. St. George, clerk, declares intention to improve Moroa Ave., bet. Olive and Peralta; grading, conc. curbs, gutters and sidewalks, metal curbs, with curb, manholes; paving with 3½-in. asphalt, conc. base with 12-in. Warrentite-Bit. surface; 1-in. vit. clay pipe sewer connections; 2 stand. conc. manholes, 6-in. vit. clay pipe in lateral sewers, 1911 Act, Protests November 2.

Intention declared to const. 6-in. vit. clay sewer lateral sewers in Blocks 236 and 232, 1-in. on 6-in. wythes for each lot, frontage, 2 manholes; 2 lampholes, 1911 Act, Protests Nov. 2, Wm. Stranahan, city engineer.

CARSON CITY, Nevada.—Until Nov. 8, bids will be rec. by State Highway Commission to construct 3 highway units, as follows:

(1) Grading, const. culverts, gravel surfacing, Humboldt County, bet. south county line and Winnemucca.

(2) Grading, const. culverts, gravel surfacing, Lyon and Churchill counties, bet. 2.8 miles east of Fernley and Pizen.

(3) Gravel surfacing, Churchill county, bet. 12½ mi. east of Salt Wells and Sand Springs, Geo. W. Borden, State highway engineer. See call for bids under official proposal section in this issue.

SAN FRANCISCO.—Board of Public Works rejects bids of City Council, Oct. 8 & 15 to imp. Almonte St., bet. Encinia and Powhattan, involv. 112 lin. ft. conc. curb, 106 sq. ft. asphalt, conc. curb, 1975 sq. ft. conc. pavement, 131 sq. ft. 6-in. stone walks, 3 br. catch-basins, 60 lin. ft. 10-in. culvert, New bids will be asked.

SAN FRANCISCO.—Peter McHugh, Cal. Bldg., at \$1493 awarded contract by Board of Public Works to sewer Bradford St., bet. Tompkins and Jarboe, involv. 308 lin. ft. 8-in. sewer; 32 8-in. wythe branches, 2 br. manholes; 1 lamp-hole.

VAN NUYS, Cal.—Asst. City Engineer Titus, rejected petition for paving of Fulton Avenue, between Sherman Way and Ventura Boulevard. Proposed paving would be 26 ft. wide of 3½-in. bitum. base with 1½-in. asphalt, conc. surface. Length, approximately 242 miles.

EL CENTRO, Cal.—Imperial county supervisors plan to build 50 miles of road using gravel from the gravel pits at Frink. Work will be done by organization of road improvement dists.

HANFORD, Kings Co., Cal.—Until Oct. 30, 2 p. m., bids will be rec. by W. J. Webber, clerk, Hanford, Granger School District, for installing pneumatic water system at Southwest Grammar School. Cert. check 10% required with each bid. Plans obtainable from cl. rk. Art-sha Hotel, Hanford.

RICHMOND, Contra Costa Co., Cal.—Frank Anse, Richmond, at \$2,312 awarded contract by council to construct two concrete tennis courts at Point Richmond, near Municipal Tunnel. L. L. Page bid \$2,821. Separate contracts will be let for topping, fence and other equipment. A. C. Farris, city clerk.

PORTERVILLE, Tulare Co., Cal.—City council approves plans to pave 3rd St., between J and Thurman, a distance of 4 blocks.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 31, p. m., bids will be rec. by Lynch, city clerk, to improve following streets:

8th St., bet. Virginia & Keyes; grading, paving with 3-in. bit. conc. base, conc. curbs, gutters and walks; 2 br. catchbasins; 8-in. vit. pipe drains.

10th St., bet. Julian and Empire; grading, paving with 3½-in. bit. conc. base with 2-in. Warrentite-Bit. surface; concrete curbs and gutters; 1 br. catchbasin; 8-in. vit. pipe drains. Wm. Popp, city engineer.

ASTORIA, Ore.—Eng. Lars Bergsvik has submitted plans to city water commission to increase height at the headworks reservoir in Bear Creek; will be raised 15-ft. increasing capacity of dam to 12,000,000 gals., or a total of 213,000,000 gals. Estimated cost \$75,000. Work will not be started until next year.

SAN FRANCISCO.—Finance Committee of Bd. of Supervisors outlining policy to expend \$284,000 of the \$325,000 good roads funds which accrues to the city from automobile taxes collected by the state. M. M. O'Shaughnessy, city engineer.

SAN DIEGO, Cal.—California Constr. Co., Union Bldg., San Diego, was awarded contract by supervisors to const. 22.60 mi. county highway bet. Nestor and the international boundary at La Juana. The bid was for asphalt paving.

MERCED, Merced Co., Cal.—Until Oct. 30, 8 p. m., bids will be rec. by W. C. Corbett, city clerk, to imp. 2½ St. bet. Q and R Sts., incl. intersection of Q St., by grading, paving with 4-in. asphalt, conc. with seal coat, conc. curbs, c. l. 24-in. Warrentite-Bit. wearing course with seal coat, \$10 sq. ft.

MERCED, Merced Co., Cal.—Valley Paving & Const. Co., Merced, awarded contract by council to improve alleys in Blocks 162, 163, 185 and 186 by paving with 5-in. asphalt, conc. base, \$33 sq. ft. 24-in. Warrentite-Bit. wearing course with seal coat, \$10 sq. ft.

LOS ANGELES, Cal.—Until 10 a. m., Nov. 6, bids will be rec. by Board of Public Works to improve 16th St., bet. Arlington Ave. and Crenshaw Blvd., involv. 171,538 sq. ft. asphalt, paving, 27,261 sq. ft. walk, 7201 sq. ft. gutter, storm drain, sanitary sewer, sec. connections; 1911 Act.

SAN FRANCISCO.—Until Oct. 26, 2:30 p. m., bids will be rec. by M. Philomene Hagan, secy. Board of Education, for placing asphalt, pavement and sub-base, conc. curb and fence walls, approx. 26,000 sq. ft., in Margaret S. Hayward Playground in block bounded by G. G. Ave., Turk, Gough and Octavia. \$14,000 payable to secy. required with each bid. Spec. may be had from secretary.

LOS ANGELES, Cal.—Peter S. Tomich 425 N. Fremont Ave., awarded contract by Board of Public Works, at \$17,500 to construct sewer in Wedgewood, Pl., and in parts of other streets. Engineer's estimate, \$18,174.34.

CLAREMONT, Cal.—Olmstead & Gilchrist, Hollingsworth Bldg., Los Angeles, have been retained by city trustees to make a survey for proposed sewer system for Claremont. City has not sewers at present.

CALIFORNIA.—State Highway Commission rejects bid to surface with gravel 10.7 miles in Amador County, bet. lone and Jackson, and 10.5 miles will be asked. John Phillips, Sacramento, low bidder at \$58,500. Engineer's estimate, \$41,340.

HERMOSA BEACH, Cal.—Until 8 p. m., Oct. 31, bids will be rec. by city clerk to improve Prospect Ave. and 13th St., involv. 106,200 sq. ft. 5-in. White base, 8525 sq. ft. 24-in. headers, 146,570 sq. ft. grading estimated at 13,000 cu. yds. of cut; Vrooman Act, Victor H. Staheli, city engineer.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco, awarded contract by council to improve 9th St., bet. Santa Clara St. and William St., involv. 10,000 sq. ft. conc. base and grading, \$24 sq. ft.; curb, \$7.10 lin. ft.; gutter, \$24 sq. ft.; catchbasins, \$75 each; 8-in. vit. pipe drains, \$1.25 lin. ft.

ARCADIA, Cal.—Sander Pearson, 3347 S. Broadway, Los Angeles, submitted lowest bid to city trustees, at \$19,792 to paving Baldwin Ave., bet. Duarte Rd. and Palm Dr., involv. 192,540 sq. ft. grading at 2½ in. ft. and 100,950 sq. ft. 6-in. oil macadam pavement at 14.75 in. ft. Other bids were: Chas. E. Frisbie, Los Angeles, \$20,527.65; H. E. Cox, Pasadena, \$20,972.16; Tracy & O'Keefe, Pasadena, \$21,904.59. Bids taken under advisement until first Wednesday in Nov. O. A. Stone, Hollingsworth Bldg., Los Angeles, city engineer.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. Lynch, clerk, declares intention to improve Virginia St., bet. 1st and S. P. right of way except crossings of 2nd and 3rd Sts., by grading, paving with 4-in. asphalt, conc. base with 1½-in. asphalt, conc. surface; conc. curbs and gutters, conc. alley driveways; 3-in. vit. pipe drains.

Intention declared to improve Martha St., bet. 1st and S. P. right of way except crossing of 2nd and 3rd Sts., by grading, paving with 3-in. asphalt, conc. base with 1½-in. asphalt, conc. surface; conc. curbs, gutters and walks; 2 br. catchbasins; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Protests Oct. 30, Wm. Popp, city eng.

MADERA, Madera Co., Cal.—Until Nov. 6, 3 p. m., bids will be rec. by Lillian W. Rhodes, city clerk, to construct sewage disposal plant. Cert. chk. \$2000 payable to city required with each bid. Copies of plans may be obtained from City Engineer Frank N. Kirk, on deposit of \$10.

SANTA ANA, Cal.—B. R. Ford, 407 W. 17th St., Santa Ana, awarded contract by city trustees to improve Bristol St., bet. Fifth St. and city limits, at \$53,769.74 involv. 185,232.58 sq. ft. 6-in. conc. paving at 22.75 in. ft., 3226 lin. ft. curb at 1.06 in. ft., 1346 ft. house sewer at 10 in. ft., 210 ft. 6-in. main sewer as 6 in. ft., 21 ft. 10-in. main sewer at \$1 ft., 4820 ft. combination curb and gutter at \$1.95 lin. ft., 276 ft. 20-in. curb at 55c ft.

CALIFORNIA.—State Highway Commission rejects bids to surface asphalt, 8.3 miles in Alameda County bet. Alameda and Livingston and new bids will be asked. J. A. Costello, Jr., San Francisco, low bidder at \$20,542. Eng. est., \$16,500.

SAN FRANCISCO—C. H. Sweetser, District Engineer, U. S. Bureau of Roads, 881 Mills Bldg., will advertise for bids for various projects in the Spring and Summer of 1923 and as these projects will soon be covered with snow and weather conditions will make it impracticable for contractors to view the work after the formal advertisement. Advance notice is given for their convenience as follows:

Adin to Adin Summit—Monroe County, Calif., to be advertised about Oct. 20, bids to be opened about Nov. 23th. Bids of plans ready now, specifications ready about Nov. 1. Project consists of grading and structures, length 169 miles, 5152 yds. rock excav., 55,555 cu. yds. earthwork, 24 in. conc. pipe, 1760 lin. ft. corr. metal pipe, 3 conc. slab bridges; approx. total cost \$90,000; an excellent team job in a stock country.

Salina River—Siskiyou County, Cal., to be advertised about Dec. 1. Bids to be opened about Jan. 2. Survey crew now on the ground just completing staking. Prints of plans ready, preliminary plans now ready; final plans and specifications ready, Dec. 1. Project consists of grading and structures, length 14 1/2 miles; 100 yds. corr. metal pipe, 130,000 yds., 100 lin. ft. timber trestle, 700 lin. ft. corr. metal pipe; approx. total cost, \$115,000; a bunched in rock job with nearly all metal.

Red Bluff—San Joaquin County, Calif., to be advertised about Jan. 3, 1923; bids to be opened about Feb. 6, 1923. Blue prints of preliminary plans showing final alignment and tentative grades ready Nov. 1. Final plans and specifications ready Jan. 1. Project consists of grading and structures, length 10-12 miles; unclass. excav. 150,000 cu. yds.; 70 lin. ft. steel truss bridge; culverts and miscellaneous structures; approx. total cost, \$175,000.

Meadow Creek Section, Gold Creek—Jarvisburg project, Elko County, Nevada, to be advertised about Feb. 6, 1923, bids to be opened about March 6. Survey line. Project consists of grading and structures, length 18 miles; unclass. excav. 90,000 yds.; 100 lin. ft. corr. metal pipe; culverts and miscellaneous structures; approx. total cost \$65,000; a balanced team job.

Contractors who are likely to be involved in the above projects for the spring and summer work are strongly advised to secure blueprints of preliminary plans as listed above and look over the work before bidding.

In addition to the above the following is to be advertised for opening of construction as soon as possible after award:

Salina—Santa Barbara County, Cal., to be advertised about Nov. 15, bids to be opened about December 4. Blueprints or part of line now ready, plans and specifications for entire section ready Nov. 15. Project consists of grading and structures, length 13-15 miles; unclass. excav. 600,000 yds.; approx. total cost \$500,000.

HEMET, Cal.—Geo. R. Curtis, 2440 E. 26th St., Los Angeles, awarded contract by city trustees, at \$74,610.50 for improving Buena Vista St., Juanita St., Central, Acacia and other ayes, involv. 499,700 cu. yds. earthwork, 16 in. corr. pipe, \$600 ft. curb at 65c ft., 6600 sq. ft. 5-ft. conc. walks at 20c. ft. Other bids were: Steele Finley, \$76,320.40; Southwest Paving Co., \$81,818.50. F. W. Stetson, city engineer.

FRESNO, Fresno Co., Cal.—Supervisors, D. M. Barnell, county clerk, reject bids rec. to const. 2 1/4 miles of sewer laid to be completed before Nov. 1, bids being in excess of the amount available for construction. Project involves 22,400 cu. yds. earthwork, without classification; 17 cu. yds. cement concrete masonry; 230 cu. yds. dry rubble masonry; 312 lin. ft. 8-in. 488 lin. ft. 12-in. 30 lin. ft. 18-in. and 36 lin. ft. 24-in. corr. metal culvert pipe. Chris. P. Jensen, county surv. Cory Bldg.

OROVILLE, Butte Co., Cal.—Until Nov. 13, 1:45 p. m., bids will be rec. by C. E. Field, county clerk, to crush and spread rock on Cherokee and Oroville road, beg. at the Red House and running to Butterfly Mine, also from Table Mountain to near Cherokee. H. Hume, county road eng.

CALIFORNIA—Following bids rec. by State Highway Comm., Oct. 16, to surface with gravel 13 1/2 miles between Sneath Road and Half Moon Bay road, San Mateo County:

P. L. Burr, S. F.	\$336,811
J. P. Holland, S. F.	341,577.10
John Phillips, Chas. T. Pullock, Martin E. Polk, T. J. Polk, John Collins & Frank Setti, Sacramento	345,783
Bates & Borland, Oakland	349,272
Blumenkrantz & Vernon S. Matton, County	362,581.50
Erickson-Peterson Grier Co., San Francisco	364,999.90
Connors & Hansen, S. F.	381,851.50
A. J. & J. L. Fairbanks, Vallejo	389,507.50
Warren Constr. Co., Okla.	535,744.50
Engineer's estimate	321,425.50

SAN JOSE, SANTA CLARA CO., Cal.—City Council, J. J. Lynch, clerk, declares intention to improve Margaret St., bet. 1st and 3rd Sts., right of way, except for chgs at 1st and 3rd Sts.; grading, paving with 3-in. asph. conc. base with 1 1/2-in. asph. conc. surface; conc. curbs and gutters.

Contractors declared to improve Keyes St., bet. S. P. right of way and Seventh St.; grading, 3 1/2-in. bit. conc. base with 1 1/2-in. Warrenite-Bit. surface; 18 in. catchbasins, 8 in. vit. pipe drains. Wm. Popp, city engineer.

RIVERSIDE, Cal.—Until 10 a. m., Oct. 30, bids will be rec. by supervisors to improve a portion of the Elsinore-Corona road bet. Stations 524 plus 50 and 539 plus 50, involv. 4612 cu. yds. excav. Plans and spec. may be obtained from Co. Surv. A. C. Fulmer, upon deposit of \$5. Cert. chk., 5% D. G. Clayton, clerk. Eng. 21

OAKLAND, Cal.—Bates and Borland Oakland Bank of Savings Bldg., Oakland, awarded contract by council to improve portion of 14th St., grading, 3,065 sq. ft., conc. curb with steel guard, 1 1/2 in. lin. ft., conc. gutter, 3,30 sq. ft., 1 1/2 in. lin. ft., conc. pavement, 3,30 sq. ft.; 10-in. pipe conduit, 1,30 lin. ft., catchbasin, \$106; manhole, \$400.

W. Schmidt, 2027 Shattuck Ave., Berkeley, awarded contract to improve portions of Hopkins St., 8-in. pipe sewer, 1,150 lin. ft.; manhole, \$100; stoned curb, 100 lin. ft.; lamp hole, \$10; drop connection, \$20; wye branches, \$125.

FRAWLEY, Cal.—W. F. Beal, Frawley, awarded contr. by city trustees at \$90,800 to pave one mile of city streets. The low bidders were Noble & Connor, but soon after their bid was stated for their bondsmen attempted to withdraw from the obligation, thus raising the question as to the contractors' responsibility. Upon opinion of the city attorney, the contr. was awarded to the next lowest bidder, W. F. Beal.

SAN JOSE, Santa Clara Co., Cal.—John Doyle, 600 N. 10th St., San Jose, at \$15,515 awarded contract by county supervisors to improve Washington St., in town of Santa Clara.

GLENDALE, Cal.—Peter L. Ferry, 614 E. Acacia St., Glendale, submitted low bid to council at \$16,275 to pave Patterson, Fairmont and Clester Sts., involv. 50 lin. ft. grading at 75c ft.; 5173 sq. ft. conc. gutter at 23c ft.; 22,314 sq. ft. 3-in. macad. paving at 10c ft.; 17,235 sq. ft. 5-in. paving at 12c ft.; 225 sq. ft. 3-in. macad. paving at 11c ft.; 4860 ft. curb at 49c ft.; 24,736 sq. ft. cement walk at 10c ft.; laying 32 ft. 4-in. and 1081 ft. 6-in. pipe, \$5300 compl.; storm drain, involv. 19c cu. yd. conc. at \$20 yd.; pnm. lighting system, \$5600 compl.

GLENDALE, Cal.—All bids rec. by council to pave Cypress St. and Oakridge Ave. rejected as too high. Peter L. Ferry, 614 E. Acacia St., Glendale, submitted low bid at \$24,388, involv. 246 lin. ft. grading at 90c ft.; 9712 sq. ft. gutter at 25c ft.; 55,970 sq. ft. 3-in. macad. paving at 11c ft.; 4860 ft. curb at 49c ft.; 24,736 sq. ft. cement walk at 10c ft.; laying 32 ft. 4-in. and 1081 ft. 6-in. pipe, \$5300 compl.; storm drain, involv. 19c cu. yd. conc. at \$20 yd.; pnm. lighting system, \$5600 compl.

SANTA ROSA, Sonoma Co., Cal.—No bids rec. by supervisors Oct. 11 for three highway projects and roads been re-advertised to open Nov. 14, as follows:

Petaluma-Valley Ford Highway, Sec. 1; involv. 9000 cu. yds. unclass. excav., 2630 cu. yds. crushed rock; 32166 sq. yds. asphaltic surfacing; 50 lin. ft. 12-in. 50 lin. ft. 15-in. and 50 lin. ft. 18-in. corr. metal pipe.

Geyserville-Petaluma road, Sec. A. 0.28 mile, involv. 1400 cu. yds. excav.; 510 cu. yds. crushed rock; 6110 sq. yds. asph. surfacing; 50 ft. 12-in., 50 ft. 15-in. and 50 ft. 18-in. corr. pipe.

Sonoma to state highway road, Sec. B, 1.79 miles, involv. 3500 cu. yds. unclass. excav.; 1580 cu. yds. crushed rock; 19,000 sq. yds. asph. surfacing; 26 lin. ft. 12-in., 26 lin. ft. 15-in., and 26 lin. ft. 18-in. corr. pipe. R. Press Smith, county surv.

SAN FRANCISCO—Until Oct. 23, 3 p. m., bids will be rec. by Board of Public Works to improve Moultrie St., bet. Eugenia & Powhattan, involv. 112 lin. ft. conc. curb; 1406 sq. ft. asph. conc. and 900 sq. ft. concrete sidewalk; 124 sq. ft. art. stone walks; 3 br. catchbasins; 60 lin. ft. 10-in. culvert.

MARTINEZ, Contra Costa Co., Cal.—Supervisors contemplate concreting Inter-county highway tunnel to reduce maintenance expenses. Work will probably be financed by Alameda and Contra Costa counties.

SALINAS, Monterey Co., Cal.—Until Oct. 28, 10 a. m., bids will be rec. by M. R. Keef, city clerk, to improve portions of Sledad St., by grading; paving with 4-in. conc. 1911 Act and Bond Act 1:15, Donald F. Davies, city eng.

STOCKTON, San Joaquin Co., Cal.—City Council, A. L. Banks, clerk, declares intention to improve 1st St., bet. Stanislaus and Stockton City Homestead grading; const. curb, conc. curbs and gutters; conc. walks; paving with 3-in. asph. conc. base with 1 1/2-in. asph. conc. surface, 1911 Act and Bond Act 1:15. Protests Nov. 10, W. B. Hogan, city engineer.

HAYWARD, Alameda Co., Cal.—Chamber of Commerce urges immediate construction of extensions to sewer system in residential and industrial districts. The city industrial plants are to be replaced locating but no action will be taken under sewer extensions are assured. Jessie E. Holly, town eng.

CALIFORNIA—State Highway Commission will ask bids the latter part of November to const. portion of state highway between Nevada County, known as Donner Grade bet. Donner Summit and Donner Lake. Commission desires that prospective bidder view site of work at this time in order to properly examine the ground and amount of work to be done before Winter, as at the time of advertising for bids, the ground may be covered with snow to such an extent that it will be impossible to locate the line. The Commission to award the contract to permit early construction in the Spring. Work consists of const. a graded roadway 21 ft. wide in cut and 24 ft. wide in embankments and installation of drainage structures. Austin B. Fletcher, State Highway Engineer, Forum Bldg., Sacramento.

TIRLOCK, Stanislaus Co., Cal.—Until Nov. 7, 7 p. m., bids will be received by A. P. Ferguson, city clerk, for fur. and rel. 400 ft. 4-in. sewer pipe, 25 4-in. sewer bends, 60 6-in. 4-in. sewer pipe, 25 6-in. 4-in. sewer pipe and 60 4-in. end stoppers. All to be first class quality vit. salt glazed, delivered f. o. b. Tirlock. Cert. check 10% required with cash bid. Horace Hall, city eng.

STOCKTON, San Joaquin Co., Cal.—Until Nov. 8, 10 a. m., bids will be rec. by Eugene D. Graham, county clerk, for road work in Rd. Imp. Dist. No. 5. Separate bids, same date, for improvements in Rd. Dist. No. 7. Work under Rd. Dist. Imp. Act 1907. Cert. check 10% payable to Bd. of Sup. required. Plans obtainable from clerk. F. E. Quail, county surveyor.

Architects—Engineers— City and County Officials

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Building & Engineering News

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am't.
3741	Minedew	Hooper	83.50
3742	Cadwallader	Sullivan	3750
3743	Weisbaum	Owner	25000
3744	Hjal	Owner	10000
3745	Young	Scully	1000
3746	Nelson	Owner	2000
3747	Statham	Owner	1625
3748	Loupe	Owner	1000
3749	McLaughlin	Nelson	3000
3750	Edwards	Morton	1800
3751	Olsen	Owner	16000
3752	Davis	Jackson	1000
3753	McClure	Ceburn	5750
3754	Simon	Barrett	15402
3755	Sala	Mitchell	20000
3756	Carling	Owner	2500
3757	La Grande	Arras	1920
3758	Bremberg	Wilson	7000
3759	Padder	Ichters	6000
3760	Goldman	Thulin	4200
3761	Patrice	Cuner	7400
3762	Attridge	Wilson	1000
3763	Mohler	Owner	1000
3764	Beckman	Mohler	1000
3765	Sala	Madden	3725
3766	Fox	Martin	23792
3767	Same	Rex	853
3768	Same	Monihan	2420
3769	Hamertor	Owner	10500
3770	Kirby	Owner	5000
3771	Bannon	Moren	1000
3772	Pahl	Venusano	16000
3773	Leighton	Owner	2000
3774	Rose	Leibert	11250
3775	Poggiaro	Moore	1000
3776	Nicolsior	Jensen	3300
3777	Same	Grace	8000
3778	Hebrew	Zelinsky	3672
3779	Same	Mangrum	3025
3780	4th Ch. C. S.	Mission	40000
3781	Same	Coburn	13173
3782	Same	Klinm	2347
3783	Same	Wade	2315
3784	Same	Ideal	5031
3785	Same	Hillam	28800
3786	Same	Wocker	1005
3787	Elliot	Elliot	8000
3788	Crocker	Samuelson	3800
3789	Bothin	Hogberg	55000
3790	Christoffel	MacDonald	4500
3791	Goltzene	Goltzene	2000
3792	Grannis	Owner	20000
3793	Neal	Owner	70000
3794	Crocker	Samuelson	3400
3795	Grannis	Owner	15000
3796	Grassl	Fontanella	4000
3797	Past	Madden	3725
3798	MacDonald	McDonald	6000
3799	Wight	Leigh	4000
3800	Schoenfeld	Owner	7000
3801	McPartland	McIntosh	11750
3802	Iteinke	Wilson	4700
3803	Maloney	Petterson	30900
3804	Same	Cramer	1744
3805	Same	Dewey	1100
3806	Hontalas	Christensen	7122
3807	Ebberts	Wegner	5418
3808	Lessman	Lyon	4985
3814	Heyman	Owner	6000
3815	Lindeman	Lindeman	6000
3809	Potter	Wehr	2000
3810	Sbarbaro	Hardy	34000
3811	Field	Field	8000
3812	Holmgren	Bjorkman	3000
3813	Samuelson	Owner	15000
3816	Ruef	Phoenix	1000
3817	Verner	Owner	4000
3818	Sheehan	Owner	1500
3819	Ryan	Spirz	4400
3820	Fourth	Mission	103000
3821	Bienfield	Owner	4000

3822	Pratessa	Owner	3700
3823	Bennett	Owner	29000
3824	Dalziel	Owner	2000
3825	Petersen	Owner	25000
3826	Langdon	Michel	1000
3827	Veroda	Johnson	3000
3828	Schmier	Meyer	8950
3829	Olsen	Olsen	16000

FLATS

(3741) W SHOTWELL 153-8 S Twenty-second & 25xW 142-6. All work for two-story and basement frame flat building.

Owner—Harry A. & Stella F. Minedew, 806 Shotwell St., San Francisco.

Architect—None.

Contractor—John M. Hooper, 53 Guerrero St., San Francisco.

Filed Oct. 11, '22. Dated Oct. 10, '22. Enclosed and roof sheathed. \$2087.50

Brown coated. 2087.50

Completed and accepted. 2087.50

Usual 35 days. 2087.50

TOTAL COST, \$8350.00

Bond, none. Limit, 90 days after Oct. 15, 1922. Forfeit, none. Plans and specifications filed.

SHEP

(3742) NE BLUXOME AND FIFTH One-story frame lumber shed.

Owner—Cadwallader-Gibson Co., 231 Steuart St., San Francisco.

Architect—None.

Contractor—C. G. Sullivan, 338 2nd Ave., San Francisco. \$3750

ALTERATIONS

(3743) S CALIFORNIA 2 1/2 W Laguna Construct additions to apartment house.

Owner—Florence J. Weisbaum, 2101 California St., San Francisco.

Architect—C. O. Clausen, Hearst Bldg., San Francisco. \$25,000

MEG. PLANT.

(3744) NW FOLSOM AND LANGTON Two-story reinforced concrete manufacturing plant.

Owner—J. H. Hjal, 1342 Mission St., San Francisco.

Plans by owner. \$10,000

SUN PORCH

(3745) NO. 21 FIFTH AVE Construct sun porch for dwelling.

Owner—L. F. Young, Premises.

Architect—C. E. Gottschalk, Phelan Bldg., San Francisco.

Contractor—J. D. Scully, Phelan Bldg. \$1000

DWELLING

(3746) W FAXON AVE. 126 N Wildwood. One-story and basement frame dwelling.

Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.

Architect—Chas. W. Strothoff, 2274 15th St., San Francisco. \$3000

ALTERATIONS

(3747) NO. 22 HILL Alterations and minor additions to dwelling.

Owner—W. Statham, 24 Hill St., S. F.

Architect—V. Radenmacher, McAllister St., San Francisco. \$1675

PAINTING, ETC.

(3748) N MISSION 108 W First. Painting, plastering, plumbing for 1st building.

Owner—L. G. Loupe, Russ Bldg., S. F.

Architect—S. Heiman, 57 Post St., San Francisco. \$1100

DWELLING

(3749) W MIRAMAR 98 N Wildwood One-story and basement frame dwelling.

Owner—L. M. McLaughlin, 440 Eddy St., San Francisco.

Architect—Chas. W. Strothoff, 2274 15th St., San Francisco.

Contractor—Nelson Bros., 1375 Plymouth Ave., S. F. \$3000

ALTERATIONS

(3750) NO. 68 PRESIDIO AVE. Additions and alterations to dining room in residence.

Owner—Dr. Jas. Edwards, Elkan Gunst Bldg., San Francisco.

Architect—W. V. Politeo, 1301 First National Bank Bldg., S. F.

Contractor—John Morton, Balboa Bldg., San Francisco. \$1800

RESIDENCES

(3751) S SANTA YNEZ 139, 164, 189 and 214 W Ortega. Four one-story and basement frame residences.

Owner—Olaf Olsen, 260 Granada Ave., San Francisco.

Architect—H. C. Bauman, 251 Kearny St., San Francisco. \$4000 each.

ALTERATIONS

(3752) SE SUTTER AND KEARNY. Remove present and install new sidewalk lights.

Owner—Jacob V. Davis Estate, G. G. F. W. Jensen, 320 Market St., S. F.

Architect—None.

Contractor—P. H. Jackson & Co., 237 First St., San Francisco. \$1000

ALTERATIONS

(3753) NO. 625 TULIK. Tai and Gravel re-l. painting, wiring, tinning; sawing and repairs for garage and machine shop.

Owner—M. McClure, 180 Jessie St., San Francisco.

Architect—None.

Contractor—Chas. Ceburn, 180 Jessie St., San Francisco. \$3750

WAREHOUSE

(3754) N TOWNSEND 140 E Garneau Place. Two-story Class B reinforced concrete warehouse, 86x250

Owner—Simon Bros., 150 Townsend St., San Francisco.

Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contractor—Barrett & Hilp, 913 Harrison St., San Francisco. \$43,492

DWELLINGS

(3755) W YOFK 125, 150, 175, 200 and 225 S Twenty-sixth. Five one-story and basement frame dwellings.

Owner—Sala & Sala, 16th and Valencia Sts., San Francisco.

Architect—None.

Contractor—Thos. F. Mitchell & Son, 3470 Utah St., S. F. \$4000 each

DWELLING

(3756) W SEVENTEENTH AVE 125 S Ballou. One-story and basement frame dwelling.

Owner—E. J. Carling, 1727 Cabrillo St., San Francisco.

Architect—None. \$2500

EXCAVATION, ETC.

(3757) NO. 218 TWELFTH St. Excavation, concrete work, etc., for roadway in front of laundry.

Owner—La Grande Laundry Co., Frem.

Architect—J. E. Kraft & Sors, Phelan Bldg., San Francisco

Contractor—Adams Arras Co., 185 Stevenson St., San Francisco.
Filed Oct. 13, '22. Dated Oct. 10, '22.
Completed and accepted.....\$1440
Usual 36 days after.....484
TOTAL COST, \$1929

Bond, \$1000. Surety, Fidelity & Deposit Co. of Maryland. Limit, without delay. Forfeit, \$5. Plans and specifications filed.

DWELLING
(3756) 1 OT 5 BLK 3166, Westwood Park. All work for one-story and basement frame dwelling.
Owner—A. F. and Cecelia Bremberg, 505 23rd Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wilson & Benson, 356 Ashland Ave., San Francisco.
Filed Oct. 13, '22. Dated Oct. 9, '22.
Framed and roof on.....\$1750
Framing erected.....1750
Completed and accepted.....1750
Usual 35 days.....1750
TOTAL COST, \$7000

Bond, \$2500. Sureties, Chas. Monson and Edwin T. Peterson. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COTTAGE
(3757) NW OCEAN AVE & DELANO. All work for five-room cottage.
Owner—Victor E. Faddi.
Architect—W. H. Richardson.
Contractor—Emil Katers.
Filed Oct. 13, '22. Dated Oct. 11, '22.
Frame up.....\$1500
Framing erected.....1500
Completed and accepted.....1500
Usual 35 days.....1500
TOTAL COST, \$6000

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

STORE BLDG.
(3758) N. GEARY 195 W Fifteenth Ave. W. 25XN 100. All work for one-story store building.
Owner—A. Goldman, 5126 Geary St., San Francisco.
Architect—Alfred Henry Jacobs, 110 Sutter St., San Francisco.
Contractor—A. L. Thulin, 242 18th Ave., San Francisco.
Filed Oct. 13, '22. Dated Oct. 10, '22.
Composition roof on.....\$1950
Flooring done.....1950
Completed.....1050
Usual 35 days.....1050
TOTAL COST, \$4200

Bond, \$2100. Sureties, O. F. Larson & E. H. Peterson. Limit, Dec. 15, 1922. Forfeit, none. Plans and specifications filed.

FLATS
(3759) E CHURCH 76-6 N Army. Two story and basement frame (2) flats.
Owner—W. E. Patrice, 3882 25th St., San Francisco.
Architect—J. C. Hudak, 235 Monadnock Bldg., San Francisco.
Contractor—A. C. Chas, 243 Day St., and Vm. De Martini, 42 Lucky St., San Francisco.
\$7400

ALTERATIONS
(3760) NO. 224 NOE ST. Alter for private garage; construct steps.
Owner—B. Attridge, Premises.
Architect—None.
Contractor—V. Wilson, 246 Wailer St., San Francisco.
\$1600

DWELLING
(3761) W FORTY-FIRST AVE 225 S. All work for one-story and basement frame dwelling.
Owner—T. E. Mohler, 458 29th Ave., San Francisco.
Architect—None.
\$4000

DWELLING
(3762) W FORTY-FIRST AVE 250 S. Balboa. One-story and basement frame dwelling.
Owner—C. H. Beckman, 747 41st Ave., San Francisco.

Architect—None.
Contractor—T. E. Mohler, 458 29th Ave., San Francisco.
\$4000

DWELLING
(3763) NE SHAFTER 75 SE Lane. All work for four-room and bath dwelling.
Owner—Harry and Hilda Fass, 85 Arleta Ave., San Francisco.
Architect—None.
Contractor—Madden-Hammersmith Development Co., Pacific Bldg., S. F.
Filed Oct. 14, '22. Dated Oct. 13, '22.
Frame up.....\$931.25
Rough plastered.....351.25
Completed and accepted.....931.25
Usual 35 days.....931.25
TOTAL COST, \$3725.00

Bond, none. Limit, 90 days after Oct. 14. Forfeit, plans and specifications, none.

CLASS C BLDG.
(3766) S GEARY 57-6 E Larkin E 80 X S 70. All work except plumbing and electric wiring for one-story and basement Class C building.
Owner—Morris Fox, 3299 Washington St., San Francisco.
Architect—Sylvain Schnaitacher, 232 Post St., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco.

Filed Oct. 14, '22. Dated Oct. 5, '22.
On 1st of each month.....750
Usual 55 days.....250
TOTAL COST, \$2375.00

Bond, \$12,890. Sureties, Edwin T. Peterson and C. Sartoris. Limit, 90 days. Forfeit, \$20. Plans and specifications filed.

ELECTRIC WIRING ON ABOVE
Contractor—Rex Electrical & Engineering Co., 271 Minna St., S. F.
Filed Oct. 14, '22. Dated Oct. 5, '22.
Payments same as above.....250
TOTAL COST, \$853

Bond, \$447. Surety, Maryland Casualty Co. Limit, without delay. Forfeit, \$20. Plans and specifications filed.

PLUMBING ON ABOVE
Contractor—McNinan & Slavin, 1541 Fulton St., San Francisco.
Filed Oct. 11, '22. Dated Oct. 5, '22.
Payments same as above.....250
TOTAL COST, \$2420

Bond, \$2120. Surety, Maryland Casualty Co. Limit, as fast as possible. Forfeit, \$20. Plans and specifications filed.

RESIDENCE
(3769) S DEWEY 215 E. Pacheco. Two-story and basement frame residence.
Owner—A. C. Hagerton, 475 Dewey Blvd., San Francisco.
Architect—None.
\$10,500

FRAME FLATS
(3770) W EIGHTEENTH AVE 175 N. Anza. Two-story and basement frame (2) flats.
Owner—J. C. Kirby, 430 20th Ave., San Francisco.
Architect—None.
\$5000

ALTERATIONS
(3771) NW ELLIS AND LEAVENWORTH. Install plate glass windows, compolite floors for drug store.
Owner—Elizabeth Bannan and T. Nielson, 1035 Folsom St., S. F.
Engineer—F. H. Spitzer, 540 Belvedere St., San Francisco.
Contractor—Geo. R. Moren, 125 Falcon Ave., San Francisco.
\$1000

MFG. PLANT
(3772) S HOWARD 325 E Fifth. One-story and mezzanine floor light manufacturing plant.
Owner—A. J. Pahl, 37 Stevenson St., San Francisco.
Architect—Powers & Ahnden, Italian American Bank Bldg., S. F.

Contractor—H. C. Vensano & Co., 58 Sutter St., San Francisco
\$16,000

PLATFORM
(3773) NO. 900 MARKET. Construct wood platform 6x16 ft. to support machinery.
Owner—Leighton Co-Operative Cafeteria, Premises.
Consulting Engineer—C. F. Wieland, 703 Market St., San Francisco.
Segregated Contracts. \$2000

GARAGE
(3774) SE TWENTY-SIXTH AND Valencia. One-story brick garage with unfinished loft.
Owner—A. Rose, Premises.
Plans by Owner.
Contractor—J. G. Leibert, 180 Jessie St., San Francisco.
\$11,250

DWELLING
(3775) W WATERVILLE 200 N Thorn-ton. Two-story and basement frame dwelling.
Owner—Luigi Ferroggiaro, 231 Williams Ave., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—Moore & Felton, 2030 Bancroft St., San Francisco.
\$4000

ALTERATIONS
(3776) NE MISSION AND TWENTY-fifth. Charge store front; place compolite flooring; interior and exterior plastering (stores and flats).
Owner—James Nicholson, 2530 J St., Sacramento.
Architect—Edw. E. Young, 251 Kearny St., San Francisco.
Contractor—James Jensen, 553 Valencia St., San Francisco.
\$3380

FRAME BLDG.
(3777) E SIXTH AVE 275 S Judah 25x 100. All work for two-story and basement frame building.
Owner—Katherine Madden.
Architect—None.
Contractor—Edward Grace and Thes. McCormick, 1017 Rhode Island St., San Francisco.

Filed Oct. 16, '22. Dated Oct. 11, '22.
Frame up.....\$2225
Brow. erected.....2225
Completed and accepted.....2225
Usual 35 days.....2225
TOTAL COST, \$8900

Bond, \$4400. Surety, Jno. T. Grace and Erick Hannon. Limit, 90 days. Forfeit, none. Plans and specifications filed.

PAINTING
(3778) BRED BY MISSION, SILVER AVE and Lisher St. All work for painting building.
Owner—The Hebrew Home for Aged Pabled.

Architect—Samuel L. Hyman, 68 Post St., San Francisco.
Contractor—R. Zelinsky, 150 Jessie St., San Francisco.
Filed Oct. 16, '22. Dated Oct. 9, '22.
On 5th of each month.....750
Usual 35 days.....250
TOTAL COST, \$6672

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

TILE WORK ON ABOVE
Contractor—Mangrum & Otter Inc., 827 Mission St., San Francisco.
Filed Oct. 16, '22. Dated Sept. 20, '22.
Completed and accepted.....\$2025
Usual 35 days.....1000
TOTAL COST, \$3025

Bond, none. Limit, 50 days. Forfeit, none. Plans and specifications filed.

GRADING, ETC.
(3780) SE FUNSTON AVE AND CLEMONS St 150 E 120 N 50 W 12-6 N 100 W 107-6. Grading, concrete walls, steps, etc. for Class C church building.
Owner—Fourth Church of Christ Scientist.
Architect—Carl Werner, Santa Fe Bldg., San Francisco.

Owner—E. J. Wight, 642 Filbert St.
Architect—None.
Contractor—David Leigh, 840-44th Ave.
\$4000

RESIDENCE, ETC.

(3800) N CLEMENTINA 138 E Sixth.
Two-story frame residence and
marble works.
Owner—J. Scheinfeld, 265 Shipley St.,
San Francisco.
Architect—Carl Jules Weyl, 424 Par-
croft Bldg., San Francisco. \$7000

FRAME FLATS

(3801) N GREEN 184-1 1/5 W Van
Ness Ave W 27-6xN 137-6. All
work for two-story and basement
frame flats.
Owner—Margaret McFarland, 1353
Jackson St., San Francisco.
Architect—Ernest H. Hildebrand, 110
Sutter St., San Francisco.
Contractor—Wm. McIntosh, 189 Jessie
St., San Francisco.
Filed Oct. 17 '22. Dated Oct. 16, '22.
Enclosed and roof on.....\$2500
Brown coated.....2900
Completed and accepted.....2900
Usual 35 days.....2900
TOTAL COST, \$11,750
Bond, \$5880. Sureties, Theo. De Pass
and Thos. Smith. Limit, 100 days.
Forfeit, none. Plans and specifications
filed.

FRAME BLDG.

(3802) E NINTH AVE 27 S Moraga S
25xH 120. All work except hard-
wood floors and painting for one-
story and basement frame building.
Reinke, 316 Staples Ave., S. F.
Owner—Benj. C. and Elsie N. A. Reinke,
346 Staples Ave., S. F.
Architect—Chas. F. Strothoff, 2274 15th
St., San Francisco.
Contractor—Wilson & Benson, 336 Ash-
ton Ave., San Francisco.
Filed Oct. 17, '22. Dated Oct. 14, '22.
Enclosed and roof on.....\$1175
Brown coated.....1175
Completed and accepted.....1175
Usual 35 days.....1175
TOTAL COST, \$4700
Bond, \$2350. Sureties, Chas. Monson
and Edwin T. Peterson. Limit, 90 days.
Forfeit, none. Plans and specifications
filed.

APARTMENTS

(3803) NE DOLORES & FIFTEENTH
N 30-9xH 90. All work except
painting, plumbing, electric work,
wall beds, finish hardware, light-
ing fixtures and shades for three-
story and basement frame apart-
ment building.
Owner—Geo. P. Maloney, 209 Dolores
St., San Francisco.
Architect—Albert Schroeffer, Nevada
Bank Bldg., San Francisco.
Contractor—G. Peterson, Menadnock
Bldg., San Francisco.
Filed Oct. 17, '22. Dated Oct. 14, '22.
Frame up.....\$5000
Roof on and enclosed.....5000
Brown coated.....5000
Completed and accepted.....8175
Usual 35 days.....7725
TOTAL COST, \$30,900
Bond, \$15,500. Sureties, N. A. Petersen
and T. E. Shuckling. Limit, 120 days.
Forfeit, none. Plans and specifications
filed.

(3804) PAINTING, VARNISHING,
lathing and paper hanging on above
Contractor—Cramer Bros., 1941 15th
St., San Francisco.
Filed Oct. 17, '22. Dated Oct. 14, '22.
Interior and exterior 2nd coated.....\$500
Completed and accepted.....800
Usual 35 days.....445
TOTAL COST, \$1745
Bond, \$875. Sureties, N. A. Petersen
and Jas. Jensen. Limit, 120 days.
Forfeit, none. Plans and specifications
filed.

Owner—Crocker Estate Co., 525 Crocker
Bldg.
Architect—None.
Contractor—A. M. Samuelson, 290 Rolph
Street. \$3800

LOFTS

(3789) E FREMONT 137 N Folsom. 2-
story brick lofts.
Owner—Bothin Real Estate Co.
Architect—Arthur Bugbee, 26 Mont-
gomery St.
Contractor—E. Hogberg, 180 Jessie St.
NOTED—Recorded conf. rep. Oct. 11, No.
3732. \$55,000

DWELLING

(3790) E HURON AVE 105 N Sickle.
One-story and basement frame
dwelling.
Owner—Mrs. C. Christoffel, Colma, Cal.
Designer and Contractor—R. MacDon-
ald, Box 410, Colma, Cal. \$4500

STORES

(3791) S IRVING 100 E 7th Ave. One-
story frame stores.
Owner—Lillian Goltzene, 3 Vicksburg
Street.
Architect—None.
Contractor—G. Goltzene, 3 Vicksburg
Street. \$2000

RESIDENCE

(3792) S W JACKSON AND SPRUCE
Sts. Two-story and basement frame
residence.
Owner—F. R. Grannis, 2450 Steiner St.
Architect—Edward E. Young, 251 Kear-
ny Street. \$20,000

APARTMENTS

(3793) W LARKIN 45-10 & 91-8 S
Union. Two 3-story and basement
frame apartment bldgs (20 apts
each).
Owner—L. J. Neal, 364 Page St.
Architect—E. H. Denke, 1317 Hyde St.
\$35,000 each.

DWELLING

(3794) E LIPPAARD 75 N CHENERY.
One-story & basement frame dwlg.
Owner—Crocker Estate Co., 525 Crocker
Building.
Architect—None.
Contractor—A. M. Samuelson, 290 Rolph
Street. \$3400

RESIDENCE

(3795) W SPRUCE 27 S Jackson. Two-
story & basement frame residence.
Owner—F. R. Grannis, 2450 Steiner St.
Architect—Edward E. Young, 251
Kearny St. \$15,000

FACTORY

(3796) E SAN BRUNO 366-7 N Water-
loo. One-story frame marble fac-
tory.
Owner—P. Grassi & Co., 808 Arguello
Bldg.
Architect—Willard and Hunt, 535 Mills
Bldg.
Contractor—Fontanella and Teza, 1682
Eddy St. \$4500

DWELLING

13797 N SHAFER AVE. 75 E Lane
One-story & basement frame dwlg.
Owner—Harry Fass, 85 Arleta Ave.
Architect—None.
Contractor—Madden-Hammersmith De-
velopment Co., 530 Pacific Bldg.

FLATS

(3798) E TWENTY-SECOND AVE. 125
S Balboa. Two-story and basement
flat.
Owner—Richard McDonald, 3238-A 16th
Street.
Architect—None.
Contractor—R. M. McDonald, 1049 Treat
Ave. \$6000

DWELLING

(3799) E TWENTIETH AVE. 150 N
Balboa. One-story and basement
frame dwelling.

Contractor—Mission Concrete Co., Call
Bldg., San Francisco.
Filed Oct. 16, '22. Dated Oct. 6, '22.
On 1st of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$31,000
Bond, \$15,500. Sureties, Edwin T.
Peterson and John S. Gueira. Limit,
120 days. Forfeit, none. Plans and
specifications filed.

(3781) CARPENTER, MILL, GLAZING
iron roofing and the work on above
Contractor—Ira W. Guburn, Hearst
Bldg., San Francisco.
Filed Oct. 16, '22. Dated Oct. 6, '22.
Payments same as above.....
TOTAL COST, \$34,272
Bond, \$17,036. Sureties, C. Sartorio
and C. E. Gordon. Limit, 90 days.
Forfeit, none. Plans and specifications
filed.

WIRE ON ABOVE & ELECTRIC

Contractor—Frank J. Khumm, 221 O'K
St., San Francisco.
Filed Oct. 16, '22. Dated Oct. 6, '22.
Payments same as above.....
TOTAL COST, \$3240
Bond, \$1623. Sureties, David Lyons &
Chas. A. Kruschel. Limit, forfeit, none.
Specifications only filed.

SEWER AND PLUMBING

work on above.
Contractor—Wade & Miller 3550 47th
St., San Francisco.
Filed Oct. 16, '22. Dated Oct. 6, '22.
Payments same as above.....
TOTAL COST, \$2845
Bond, \$1423. Sureties, R. N. Kinney &
Fred Braun. Limit, 20 days after
notified. Forfeit, none. Specifications
only filed.

HEATING AND VENTILATING

on above.
Contractor—Ideal Heating Co., 172
Erie St., San Francisco
Filed Oct. 16, '22. Dated Oct. 6, '22.
Payments same as above.....
TOTAL COST, \$5031
Bond, \$2516. Sureties, T. F. Kierman
and E. W. Erlen. Limit, 30 days after
notified. Forfeit, none. Specifications
only filed.

METAL LATHING AND FUR-

ring and plastering on above.
Contractor—A. J. Hilliam, 351 12th St.,
Oakland.
Filed Oct. 16, '22. Dated Oct. 9, '22.
Payments same as above.....
TOTAL COST, \$28,890
Bond, \$14,445. Surety, ———. Limit, 75
days after notified. Forfeit, none.
Specifications only filed.

PAINTING, ETC.

(3786) 32 FUSION AVE AND CLE-
ment S 150 E 120 N 50 W 12-6 N
100 W 107-6. Tinting, painting,
etc., for Class C church building.
Owner—Fourth Church of Christ
Scientist.
Architect—Carl Werner, Santa Fe Bldg.,
San Francisco.
Contractor—A. C. Wacker, 1370 Sutter
St., San Francisco.
Filed Oct. 16, '22. Dated Oct. 6, '22.
On 1st of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$1065
Bond, none. Limit, 30 days after
notified. Forfeit, none. Specifications
only filed.

FLATS

(3787) E ASHBURY 43-6 N Piedmont.
Two-story and basement frame (2)
flats.
Owner—E. W. Elliot, 732 Masonic Ave.
Architect—J. R. Miller & T. S. Pfeuffer,
213 Lick Bldg.
Contractor—E. W. Elliot, 732 Masonic
Ave. \$8000

DWELLING

(3788) N E CHENERY & LIPPAARD
Sts. 1 1/2-story and basement frame
dwelling.

(3865) ELECTRICAL WORK ON above.

Contractor—Dwyer Electric Co., 285 4th St. San Francisco.

Filed Oct. 18, '22. Dated Oct. 14, '22.

Roughed in \$460
Completed and accepted 125

Usual 35 days. 275

TOTAL COST, \$1100

Bond, \$550. Surety, Hartford Accident & Indemnity Co. Limit, 120 days.

Forfeit, none. Plans and specifications filed.

RESIDENCE

(3896) E FORTY-FIFTH AVE. 276 S Geary S 36x111. All work for two-story and basement frame residence.

Owner—Michael J. Fontalas, 532 43rd Ave., San Francisco.

Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contractor—Theodore Christensen, 319 41st Ave., San Francisco.

Filed Oct. 17, '22. Dated Oct. 12, '22.

Wall and roof sheathing on \$1730
Brown coated 1780

Completed and accepted 1780

Usual 35 days. 1782

TOTAL COST, \$7122

Bond, \$3561. Sureties, Louis Nielsen and Louis Fontalas. Limit, 90 days.

Forfeit, none. Plans and specifications filed.

DWELLING, ETC.

(3867) N PACIFIC AVE 68 E Leavenworth. All work for one-story store and dwelling building.

Owner—Battle Babbler.

Designer—L. E. Poyser, 64 Market St., San Francisco.

Contractor—A. Wegner, 186 Jessie St., San Francisco.

Filed Oct. 17, '22. Dated Oct. 12, '22.

Roofing completed \$1362
1st coat plaster on 1362

Completed and accepted 1362

Usual 35 days. 1362

TOTAL COST, \$5448

Bond, \$2724. Surety, Maryland Casualty Co. Limit, Dec. 25, 1922. Forfeit, none. Plans and specifications filed.

DWELLING

(3868) W FIFTEENTH AVE 272 N Geary. All work for one-story and basement frame dwelling.

Owner—Recka and I Lessman, 422 Divisadero St. San Francisco.

Architect—None.

Contractor—Henry Lyon, 2272 Sutter St. San Francisco.

Filed Oct. 17, '22. Dated Oct. 12, '22.

Roof on \$2000
1st coat plaster on 400

Completed 2157

TOTAL COST, \$4595

Bond, limit, forfeit, none. Plans and specifications filed.

ALTERATIONS

(3809) S BROADWAY 89 W Laguna. Construct concrete foundations alter for private garage and one room and bath in basement.

Owner—A. P. Potter, 2022 Broadway, San Francisco.

Architect—None.

Contractor—Fred Wehr, \$2000

Filed Oct. 17, '22. Dated Oct. 12, '22.

Roof on \$2000
1st coat plaster on 400

Completed 2157

TOTAL COST, \$4595

Bond, limit, forfeit, none. Plans and specifications filed.

FLATS

(3810) N CHESTNUT 137-6, 162-6, 187-6 and 212-6 W Gough. Four two-story and basement frame flats (2 in each).

Owner—R. E. Shalboro-Lefgren Co., 1927 Washington St., San Francisco.

Architect—A. M. Hardy, 518 24th Ave., San Francisco.

Contractor—A. M. Hardy, 518 24th Ave., San Francisco. \$8500 each

DWELLING

(3811) DEWEY BLVD. 157 NE

Owner—Alice M. Field, 574 62nd St., Oakland.

Architect—None.

Contractor—Fred H. Field 574 62nd St., Oakland \$8000

DWELLINGS

(3812) S GENEVA 50 and 75 E Munich Two one-story and basement frame dwellings.

Owner—Victor Holmgren, 51 Seville St., San Francisco.

Architect—None.

Contractor—Victor Bjorkman, 4539 Mission St., San Francisco \$3000

APARTMENTS

(3813) NE MISSION AND GENEVA Ave. Two-story frame stores and apartments.

Owner—A. M. Samuelson, 290 Reith St., San Francisco.

Architect—None. \$19,000

FRAME FLATS

(3814) NW TWENTY-SEVENTH AVE. 28xW 120. Two-story and basement frame (2) flats.

Owner—O. Heyman & Bro., 748 Market St., San Francisco.

Architect—Alvin J. Stern, 742 Market St., San Francisco. \$6000

BUNGALOW

(3815) W NINTH AVE 275 S Geary S 28xW 120. All work for one-story bungalow.

Owner—H. O. Lindeman, 619 27th Ave., San Francisco.

Architect—None.

Contractor—W. R. Lindeman, 530 Balboa St., San Francisco.

Filed Oct. 18, '22. Dated Oct. 5, '22.

Enclosed \$1500
Rough plastered 1500

Completed and accepted 1500

Usual 35 days. 1500

TOTAL COST, \$6600

Bond, none. Limit, 90 days. Forfeit, \$3. Plans and specifications filed.

ALTERATIONS

(3816) N E CALIFORNIA & KEARNY St. Remove present and install new sidewalk lights.

Owner—A. Ruef, 916 Kearny St.

Architect—None.

Contractor—Phoenix Sidewalk Light Co. Monadnock Bldg. \$1000

DWELLING

(3817) E CASTRO 60 N 26th. 1½-story and basement frame dwelling.

Owner—J. H. Verner, 1921 23rd St.

Architect—None. \$4000

ADDITION

(3818) 864 FLORIDA STREET. Re-model cottage; 2-room addition.

Owner—Mr. Sheehan, Florida St.

Architect—None. \$1500

DWELLING

(3819) S E FOERSTER & JOOST AVE. One-story and basement frame dwelling.

Owner—Ella Ryan, premises.

Architect—None.

Contractor—Gustav Spirtz, 56 Langton St. \$4400

CHURCH

(3820) S E FUNSTON AVENUE AND Clement. One-story and basement r-inforced concrete church.

Owner—Fourth Church of Christ Scientist in San Francisco.

Architect—Carl Werner, 906 Santa Fe Bldg.

Contractor—Mission Concrete Co., Call Bldg. \$103,000

DWELLING

(3821) N GRANVILLE 100 E Claremont. One-story and basement frame dwelling.

Owner—D. L. Bienfield, 1465 Clement Street.

Architect—None. \$4000

RESIDENCE

(3822) E GIRARD 200 S Dwight. One-story and basement frame residence.

Owner—Joseph S. Fratessa, 896 Girard Street.

Architect—None \$3700

STORE LOFT

(3823) E LEAVENWORTH 57-6 S Turk. Two-story and basement concrete store and loft.

Owner—G. E. Bennett, 853 Monadnock Building.

Architect—L. H. Nishkian, 853 Monadnock Bldg. \$29,000

ADDITIONS

(3824) E OCTAVIA 87-6 S Fulton. Minor alterations and additions for apartments.

Owner—Jra B. Dalziel, 530 Fulton St.

Architect—Morrison and Dalziel, 530 Fulton St. \$3000

APARTMENTS

(3825) NE DIVISADERO AND HAYES Two-story and basement frame stores and (10) apartments.

Owner—Einar C. Petersen, 4075 17th St., San Francisco.

Architect—None \$25,000

STATION

(3826) NE HYDE AND O'FARRELL One-story steel gasoline service station.

Owner—C. M. Langdon, 1661 Green St., San Francisco.

Architect—None.

Contractor—Michel & Pfeffer Iron Works, 10th and Harrison Sts. San Francisco. \$1000

FRAME BUILDING

(3827) S LAWTON 90 E Twelfth Ave. 30x160. All work for two-story and basement frame building.

Owner—Mrs. Jennie J. Veynda, 1618 12th Ave., San Francisco.

Architect—None.

Contractor—Joel Johnson & Son, 1611 Church St., San Francisco.

Filed Oct. 19, '22. Dated Oct. 4, '22.

Ready for roof. \$2250
Brown plaster on 2250

Completed 2250

Usual 35 days. 2250

TOTAL COST, \$9000

Bond, \$4500. Sureties, Elmer Carlson and Edwin T. Peterson. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGES

(3828) E FORTY-FOURTH AVE 97 and 122 N Joint Lochs Ave. All work for two six-room cottages.

Owner—Benjamin Schiner, 276 6th St., San Francisco.

Architect—None.

Contractor—Meyer Bros., 5324 Geary St., San Francisco.

Filed Oct. 19, '22. Dated Oct. 9, '22.

Frame up \$2237.50
Brown coated 2237.50

Completed 2237.50

Usual 35 days. 2237.50

TOTAL COST, \$8950.00

Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

DWELLINGS

(3829) S SANTA YNEZ 129, 164, 189 and 214 W Otsego being Lots 8, 9, 10 and 11 Blk O, Mission Terrace.

All work for four one-story and basement frame dwellings.

Owner—Amanda A. Olsen, 360 Granada Ave., San Francisco.

Architect—E. C. Baumann, 251 Kearny St., San Francisco.

Contractor—Olaf Olsen, 360 Granada Ave., San Francisco.

Filed Oct. 19, '22. Dated Oct. 17, '22.

Enclosed \$4000
Brown coated 4000

Completed and accepted 4000

Usual 35 days. 4300

TOTAL COST, \$16,000

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Oct. 13, 1922—W GLANT AVE 107-6
N Bush N 35xW 68-9 Helen A
Shelby to Chas Sartorio, Oct. 11, 1922
Oct. 13, 1922—E MOFETRIE 190 S
Crescent Ave 25x70. John and
Selma Staff to whom it may concern
Oct. 13, 1922—NE TWENTY-SIXTH
Ave and Geary. C H Backer to
Meyer Bros., Oct. 11, 1922
Oct. 13, 1922—SW TWELFTH AVE
and Cavallo 25x95. Clara M Baum-
garten to Emil Nelson, Oct. 11, 1922
Oct. 13, 1922—LOT 16 BLK 2176.
Westwood Park. Oscar H Skold to
Nelson Bros., Oct. 10, 1922
Oct. 13, 1922—SW CALIFORNIA &
Twenty-seventh Ave N 20xS 95.
Arthur W McCain to Elting Elling-
son, Oct. 9, 1922
Oct. 13, 1922—NO 2921-26 FULTON
127-6 from 16th Ave. Luis and
Gertrude Parnies to whom it may
concern, Oct. 1, 1922
Oct. 11, 1922—E TWENTY-FOURTH
Ave 250 S Lake S 25x126. Melvin
Roserberg to Strand & Strand
Oct. 12, 1922—NE MISSISSIPPI 71 NE
Crescent Ave NE 25x82 71 Pm Blk
G. French & Gilman Trust. Alfred
E Hind to Harry W Hind, Oct. 6, 1922
Oct. 13, 1922—W SEVENTEENTH
Ave 250 S Anza. P Albert Nelson
to whom it may concern, Oct. 13, 1922
Oct. 13, 1922—E FUNSTON AVE 150
and 225 N California 25x120. John
J Kingwell to Emil Nelson, Oct. 13, 1922
Oct. 14, 1922—E CAPITOL AVE 230
S De Montford Ave S 50x125-5
Lots 20 and 21 Blk 15. Lakeview.
Gesar W Lind to whom it may
concern, Oct. 14, 1922
Oct. 14, 1922—NO. 2551 TWENTY-
eighth Ave. J N Mitchell and W J
Pushell to whom it may concern, Oct. 13, 1922
Oct. 14, 1922—W TWENTY-SEVENTH
Ave 100 S Irving S 25x129. Edward
C and Mabel Glynn to D L Bie-
field, Oct. 3, 1922
Oct. 14, 1922—E TWENTY-SEVENTH
Ave 225 N California N 25x120.
James Treanor to John Little &
Son, Oct. 10, 1922
Oct. 14, 1922—E CLEMENT ST 70 W
Sixteenth Ave. G W Urban
to whom it may concern, Oct. 14, 1922
Oct. 14, 1922—W TWENTY-FIRST
Ave 135 N Fulton N 25xW 120.
Geo and Charlott Christman to
John Little & Son, Oct. 13, 1922
Oct. 14, 1922—NE TWENTY-FOURTH
and Lurham 25x100. Octavia A
Dowd to E B Wilson, Oct. 1, 1922
Oct. 16, 1922—E SANCHEZ 70 N
Clipper N 35x215-6. George Kin-
hall Jr to Arthur H Klahn, Oct. 14, 1922
Oct. 16, 1922—CCMG. 82-6 E Fillmore
on S O'Farrell E 55xS 126 to Ly-
lington Ave. Leon Lewin to Law-
son & Drucker, Oct. 5, 1922
Oct. 16, 1922—W FIFTEENTH AVE
150 S Judah S 25xW 127-6. S Judah
87 W 15th Ave W 25xS 106. Julius
Berendsen to Fred Warden, Oct. 11, 1922
Oct. 16, 1922—LOT 25x100 on S Ralph
97 W Morse. C J Castell to R M
Schmidt, Oct. 10, 1922
Oct. 16, 1922—LOT 10 BLK 21. Sun-
nyside. Herman Bishop, gdn 281
Helen Bishop, Incpt. to whom it
may concern, Oct. 14, 1922
Oct. 16, 1922—LOT 7 BLK 18. W S.
Allred's Sub Blks 17 and 18. W S.
End Map. L. Guiseppe & Stefana
Aliotti to John J Binet, Oct. 13, 1922
Oct. 16, 1922—W FAXON AVE 300 S
De Montford Ave Lot 43 Blk 23.
Lakeview. Wm H Dewep to whom
it may concern, Oct. 10, 1922
Oct. 16, 1922—N ARMY 50, 75, 98 W
Hampshire; S Army 25, 50, 75, 100

1100 W Hampshire & Queada Ave
375 W Ingalls. 25x100. Wm H
Grabin to whom it may concern,
Oct. 11, 1922
Oct. 16, 1922—NO 125 ALMA 100 W
Cole. Martin and Ellen J O'Con-
nell to F Keisel, Oct. 7, 1922; H
Stolzer, Oct. 9, 1922
Oct. 16, 1922—E TWENTIETH AVE
760 N Fulton 25x120. J A. Ander-
son to whom it may concern,
Oct. 10, 1922
Oct. 16, 1922—E THIRD AVE 107-135
S Cabrillo S 27-6x120. Reuben G
Hunt to B L Biefield, Oct. 16, 1922
Oct. 17, 1922—S W SECOND AVE &
Geary 32-6x100. I Epp to Emil
Nelson, Sept. 5, 1922
Oct. 17, 1922—S CALIFORNIA 137-6
W Laguna W 55xS 137-6. Wm. Albert
& Alexander Munster to whom it
may concern, Oct. 14, 1922
Oct. 17, 1922—LOT 25x100 ON RALPH
N 25 E Madrid. Fred H. Johnson
to whom it may concern, Oct. 10, 1922
Oct. 17, 1922—S FLOOD AVE 275 E
Foerster E 25xS 112-6 Lot 24 Blk 18
Sunnyside. A C Newsum & G. M.
Pattersby to whom it may concern
Oct. 1, 1922
Oct. 17, 1922—E HYDE 112-6 N
Greenwich N 25 x E 56. Mary
Thomas to L N. Wise, Oct. 16, 1922
Oct. 17, 1922—S FLOOD AVE 300 E
Foerster E 25 x S 112-6 Lot 27
Blk 18 Sunnyside. A C Newsum & G.
M. Pattersby to whom it may concern
Oct. 1, 1922
Oct. 17, 1922—S W HYDE & BUSH
26-8 x S 57-6. Aaron S & Louis D.
Green to L M. Sommer, Sept. 30, 1922
Oct. 17, 1922—E SIXTEENTH AVE
104 N Clement 25x137-6. Strand &
Strand to whom it may concern,
Oct. 1, 1922
Oct. 17, 1922—S FULTON 106-3 E Cole
E 25-6xS 112-6. John and Mae
E Foley to Thos Hamill, Oct. 1, 1922
Oct. 17, 1922—NW GEARY AND
Twenty-seventh Ave W 37-6xN 100.
Thos Hamill to whom it may con-
cern, Oct. 17, 1922
Oct. 17, 1922—W SEVENTEENTH AVE
255 N Ballou No. 555-557 17th Ave.
Carl E. Thompson to whom it
may concern, Oct. 17, 1922
Oct. 17, 1922—N CHESTNUT 137-6 W
Van Ness Ave W 27-6xN 137-6. Jos
Meri to Fred Warden, Oct. 17, 1922
Oct. 17, 1922—LOTS 14 AND 15 Lyon
& Hoag Sub Ashbury Terrace.
Fred W Clifford to Willis L Gott,
Sept. 1, 1922
Oct. 18, 1922—NE THIRTY-SIXTH
Ave and Cabrillo E 140x85. M
Hansen to whom it may concern,
Oct. 17, 1922
Oct. 18, 1922—E DANVEIS 121 S 18th
E 104xS 24-8. Benhard & Pereira
to whom it may concern, Oct. 18, 1922
Oct. 18, 1922—NO. 451 BUENA VISTA
Ave J F and Emily A Code to
J L Mitchell, Oct. 17, 1922
Oct. 18, 1922—26 FT. LOTTEN
E 105 x H. Lot 12 Blk 2977. Merritt
Terrace. Jas A Arnott to Jas
Arnott & Son, Oct. 16, 1922
Oct. 18, 1922—N JERSEY 100 E
Church E 25xN 114. Victor Gull-
mes to whom it may concern,
Oct. 15, 1922
Oct. 18, 1922—E CASTRO 100 S 17th
S 99 E 80 S 75-3 E 68 N 175 E
145. Nasser Bros to J Flatland
(as Globe Electric Works), Sept. 28, 1922
Oct. 19, 1922—NE CALIFORNIA &
Twenty-third Ave N 100x12 32-6.
John V Stiefel to whom it may
concern, Oct. 18, 1922
Oct. 19, 1922—E TWENTY-SIXTH
Ave 300 N Cabrillo N 25x120. W
H Sale to Meyer Bros., Oct. 5, 1922
Oct. 19, 1922—E TWENTY-SEVENTH
Ave 267 N Cabrillo N 25x120.
Ralph and Natalie E Stallman to
John V Stiefel, Oct. 18, 1922
Oct. 19, 1922—E TWENTY-NINTH
Ave 134 N Irving. Erward H Ham-

mer to Cox Bros., Oct. 16, 1922
Oct. 19, 1922—E TWENTY-FIRST
Ave 25 N Irving N 25x120. W H
Martin to whom it may concern,
Oct. 12, 1922
Oct. 19, 1922—S CALIFORNIA 32-6 E
Octavia F 36-6xS 137-6. G W Bur-
nett to whom it may concern,
Oct. 19, 1922
Oct. 19, 1922—E SEVENTH 100 W
Leavenworth 37-6x120. L E Ham-
mer to whom it may concern Oct. 17, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Accepted
Oct. 15, 1922—S JACKSON 137-6 E
Spruce E 47-6xN 127-84. Kern and
Huber Artistic Iron & Bronze Wks
vs Grace V Benson, Oct. 13, 1922
Oct. 13, 1922—N FULTON 32-6 & 18th
Ave E 25x60. Ginsberg Tel Co vs
W C Fouks and D Leigh, Oct. 9, 1922
Oct. 13, 1922—SW IRVING AND 48th
Ave W 250xS 100. Reinhardt Lum-
ber & Planing Mill Co vs Charlotte
Grundman and J L Mitchell, Oct. 9, 1922
Oct. 13, 1922—SE CASTRO AND
Seventeenth E 25xS 100. City
Construction Co vs E J Heiger and
A Sugarnan and S Levin, Oct. 9, 1922
Oct. 13, 1922—W CASTRO 74-11 N
Nineteenth N 49xW 125. City
Construction Co vs J B McSheehy
and E and Margt. Arthurs, Oct. 9, 1922
Oct. 14, 1922—W PEAKLIN 72-6 N
Valdeje N 27-6xW 110-4. Christen
son Lumber Co vs Maria and
Nunzi Tarantino, Oct. 9, 1922
Oct. 14, 1922—NE KEARNEY and Nor-
tingham Place N 29-1x126 57-6
Pioneer Plate & Window Glass Co
vs L and M Chiappari and D Benta
Oct. 14, 1922—S JACKSON 137-6 E
Spruce E 47-6x127-84. Kawner
Mfg Co, \$260; C O Munson, \$713.30;
Christensen Lumber Co, \$435.70;
Eugene Dietlin, \$620.56; Hasmusen,
& Maillard, \$427.95; Lowry & Daly,
\$759; Ace Sheet Metal Works, \$390.
Joost Bros, Inc, \$715.69. Gold Metal
Range Co, \$491.92 vs Grace V Ben-
son
Oct. 14, 1922—S JACKSON 137-6 E
Spruce S 127-84x127-6. W P
Fuller & Co \$540; Inland Paper Co,
\$1295; R L M Gardner, \$95; Cal-
ifornia Door Co, \$1180; W P Fuller
\$450 vs D J Patterson and Grace
V Benson
Oct. 16, 1922—S JACKSON 137-6 E
Spruce E 47-6xS 127-84. Vernott
Marble Co vs Grace V Benson, Oct. 13, 1922
Oct. 16, 1922—S JACKSON 137-6 E
Spruce E 47-6xS 127-84. Marshall
& Searius Co vs Mrs C V Benson
and D J Patterson, Oct. 13, 1922
Oct. 16, 1922—E GLENN 100 S
17th S 25-8 E 90 W 32 N
105xW 58. Simon Traver vs J. J. J.
Lynch, Oct. 13, 1922
Oct. 16, 1922—N FRAMISCO 137-6
E Gough E 37-6xN 157-6. P A
Bigotta vs V Philippi, Emanuel
Ragianti and Anita Ragianti, Oct. 13, 1922
Oct. 17, 1922—LOT 11 BLK 6 ST.
Francis Wood Extn No. 1. Electric
Equipment & Installation Co. vs.
Homes Loan Corp. & Unit Constr
Co., Oct. 13, 1922
Oct. 18, 1922—E GLENN 100 S
Visadero W 34-4xN 103-6. Kaw-
ner Mfg Co vs L D Allen and
Windsor Terrace Bldg Co, Oct. 15, 1922
Oct. 18, 1922—LOT 11 BLK 6, St.
Francis Wood Extension No. 1.
Mangrum & Otter, Inc vs Homes
Loan Corp., Oct. 13, 1922
Oct. 19, 1922—LOT 11 BLK 6, St.
Francis Wood Extn No. 1. Inland
Hardware Co vs Unit Constr Co
and Homes Loan Corp., Oct. 13, 1922
Oct. 19, 1922—1TN BLK B13D HY
King, Berry, Third and Fourth.
Inland Hardware Co vs Unit Constr
Co & Southern Pacific Co., Oct. 13, 1922

Oct. 19, 1922—E VALENCIA 354.99 S
Army S 75 E 103.29 NE 78.39 S
126.25. Paul Nelson vs Bradofsky
Dres and Doris Garage, \$14,991.47
Oct. 19, 1922—NE POWELL & POST
E 162-6XN 157-6. V Rosati vs A J
Reeder, Wm M Fitzhugh and Mary
E Fitzhugh \$3,149
Oct. 19, 1922—LOT 11 BLK 6, St.
Francis Wood Extn No. 1. Pope
& Talbot, \$413.55; John I Sala, \$1009
vs Homes Loan Corp., L Homer
Curtiss and Unit Const. Co.

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Oct. 14, 1922—NW RAILROAD AVE
125-1 1/4 SW Paul Ave SW 25-03%
NW 207-1 N E 25 SE 209-2. J H
Krusse to Annie I Kavanagh and
Knabenshuh & Morrison, \$226.01
Oct. 16, 1922—COM — PUEBLAN AV
100 S Staples S 27x100. Inland
Floor Co to P H Madden
Oct. 18, 1922—S GREENE 70 W Pierce
W 36X50. W L Nix to Adam
Schnafer \$151
Oct. 18, 1922—SE GRANT & PINE
S 77-6X E 60. Reinhart Lumber &
Planing Mill Co to C S Delancy,
Louise H Mahony, Francis Jolliffe
and Mary Mariscano \$694.89
Oct. 19, 1922—N TWENTY-FOURTH
200 W Guerrero W 25 N 122 E 15
S 1 E 4 S 7 E 6 S 14. The Greater
City Lumber Co to Calvin R and
Helen C Sutlif \$151

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Oct. 13, 1922—N TURK 165 W Mason
W 32-6XN 137-6. Emly C McBurney
as to improvements on property.
Oct. 13, 1922—NE O'FARRELL AND
Hyde N 90x E 160. Wm P Altwater
as to improvements on property
Oct. 19, 1922—BLOCK 30ED BY
casero, Lunan, Glanmed and 47th.
The San Francisco Savings & Loan
Society as to improvements on
property

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

Oct. 14, 1922—E SIXTH AVE 275 S
Judah 25x100. Katherine Madden
with McCormick & Grace,

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the
contracts for this issue.

No.	Owner	Contractor	Amt.
4414	McQuercr	McQueen	3000
4415	Brazier	Owner	3000
4416	Williams	Owner	2000
4417	Mendoza	Pierce	2500
4418	Dinlagan	Gastman	1500
4419	Miller	Legris	4850
4420	Zimmert	Mattison	4000
4421	Clark	Owner	2000
4422	Lyman	Owner	2000
4423	Jackson	Abrahamson	5949
4424	Lundholm	Van Horn	2900
4425	Gier	Stolte	3200
4426	Amcho	Owner	2500
4427	Rynyon	Orton	4000
4428	Anderson	Owner	2000
4429	Haven	Bradhoff	6720
4430	Campbell	Hone	10027
4431	Kinney	Owner	4500
4432	Leonard	Owner	8000
4433	MacGregor	Owner	3700
4434	Brookes	Buhman	3500
4435	Frederickson	Owner	4000
4436	Legris	Owner	3000

4427	Leonard	Owner	4600
4428	Johnson	Owner	2500
4429	Nichols	Owner	4850
4430	Dewey	Hind	6400
4431	Hansen	Petersen	3735
4432	Star	Rigney	1181
4433	Same	Munson	1895
4434	Kavanaugh	Nelson	2300
4435	Sachs	Christensen	17365
4436	Adams	Maurice	33885
4437	Townsend	Squires	3900
4438	Bischoff	Owner	6000
4439	Scott	Smith	3300
4440	Ahlborn	Ambruster	2500
4441	Laurence	Stolte	2990
4442	Dewey	Morse	5000
4443	Norgrove	Owner	4900
4444	Korval	Smith	1000
4445	Saroni	Pond	4600
4446	Gallatin	Stanhope	2100
4447	St. Johannes Ch.	Koff	717
4448	Lyman	Smith	1850
4449	Lyman	Smith	1350
4450	Lundberg	Owner	2300
4451	Hale	Wise	1600
4452	Bornhorst	Campomenosi	4000
4453	Williams	Hewitt	2000
4454	Bowles	Green	1500
4455	Dean	Owner	3650
4456	Stagg	Owner	5000
4457	Boden	Peppin	8000
4458	Boden	Peppin	30800
4459	Aecomie	Owner	1000
4460	Young	Burns	4575
4461	Lawrence	Stolte	2900
4462	Bigelow	Owner	3200
4463	Fallen	Owner	3900
4464	Spriggs	Terra	2500
4465	Folk	Owner	3500
4466	Whitehouse	Matheyer	4000
4467	Ortowo	Owner	3000
4468	Burns	Burns	3000
4469	Clark	Critchett	5000
4470	Oakland	Cal	15000
4471	Goranson	Oakland	3250
4472	Pacific	Owner	2000
4473	Dean	Knight	24000
4474	Oakes	Bruck	2000
4475	Bayless	Owner	6000
4476	Lloyd	MacGregor	5350
4477	Johnson	Owner	2000
4478	Duval	Owner	5400
4479	Joensuu	Nisha	1500
4480	McClay	Staff	2450
4481	Elliott	Calif.	13000
4482	Marquis	Owner	2200
4483	Marquis	Owner	4400
4484	Brennan	Stanley	3000
4485	Gruenwald	Gruenwald	2000
4486	Messano	Owner	1000
4487	Coit	Owner	60000
4488	Cooley	Owner	11500
4489	Dougherty	Curtis	2000
4490	McIntyre	Fornell	1200
4491	Thompson	Bignani	3000
4492	Anderson	Owner	3000
4493	Marquis	Owner	4400
4494	Calow	Owner	3300
4495	Taylor	Owner	4500
4496	Sanitary	Mowat	3400
4497	McElhinney	Beach	6000
4498	Felt	Owner	2500
4499	Cutler	Satin	2200
4500	Craig	Owner	4000
4501	Wilford	Price	3800
4502	Connan	Owner	1500
4503	Ware	McInty	4350
4504	Futter	Pearson	5480
4505	Schnoor	Stolte	4375
4506	Young	Owner	4000
4507	Gamo	Maganini	1900
4508	Shelly	Yerrick	14130
4509	Johnson	York	3500
4510	Hayes	Owner	1200
4511	Lundin	Foss	11000
4512	Cunnette	McWethy	6000
4513	Herbert	Adkinson	2750
4514	Westerlund	Owner	1200
4515	Bennett	Stolte	2950
4516	Woodburn	Owner	4000
4517	Bakalini	Morgan	2395
4518	Dowling	Owner	3400
4519	Herman	Taylor	1381
4520	Ronan	Nommensen	15177

DWELLING

(4414) NO. 1500 WARD, Berkeley.
One-story 6-room dwelling.

Owner—Mrs. R. McQueen, 1508 Ward
St., Berkeley.
Architect—None.
Contractor—Robert McQueen, 1503
Ward St. Berkeley. \$3000

DWELLING

(415) NO. 2637 ELLSWORTH, Ber-
keley. One-story 6-room dwlg.
Owner—Jas. W. Brazier, 1912 Blake St.,
Berkeley.
Architect—None. \$3000

DWELLING

(4416) N E COR. CALAVERAS AND
Davenport, Oakland. One-story 4-
room dwelling.
Owner—E. W. Williams, 5312 Calaveras,
Oakland.
Architect—None. \$2000

DWELLING

(4417) W EIGHTY-SEVENTH AVE.
100 N "D" St., Oakland. One-story
4-room dwelling.
Owner—M. Mendosa.
Architect—None.
Contractor—James Pierce, 1351 Bay St.,
Oakland. \$2500

DWELLING

(4418) N E COR. FORTIETH and
Grove Sts., Oakland. One-story 4-
room dwelling.
Owner—Wm. Dinigan.
Architect—None.
Contractor—H. H. Gastman, 1263 Eu-
clid Ave., Berkeley. \$1500

DWELLING

(4419) S E COR. E-FOURTEENTH &
76th Ave., Oakland. One-story 5-
room dwelling and dog kennel.
Owner—E. L. Miller, 2544 Fruitvale Ave
Oakland.
Architect—None.
Contractor—L. J. Legris, 1351 Hampel
St., Oakland. \$4850

DWELLING

(4420) N W COR. HOPKINS and
Rhoda, Oakland. One-story 3-room
dwelling and store.
Owner—S. Zimmert, 1052 14th St., Okd.
Architect—None.
Contractor—W. H. Mattison, 3222 Maple
Ave., Oakland. \$4000

DWELLING

(4421) W HARRINGTON 800 N Foot-
hill Blvd., Oakland. One-story 4-
room dwelling.
Owner—O. R. Clark, 2015 Harrington,
Oakland.
Architect—None. \$2000

DWELLING

(4422) S Hillside 400 E-90th Ave., Okd.
One-story 4-room dwelling.
Owner—Leo Lyman, 2342 E-20th St.,
Oakland.
Architect—None. \$2000

DWELLING

(4423) N W COR. LAKESHORE and
Rosal, Oakland. One-story 5-room
dwelling.
Owner—L. A. Jackson, 1520 Franklin
St., Oakland.
Architect—None.
Contractor—H. R. Abrahamson, 41
Yosemite Ave., Oakland. \$5940

DWELLING

(4424) S MESABA AVE. 150 E Semin-
ary, Oakland. One-story 4-room
dwelling.
Owner—E. W. Lundholm, 5925 Mesaba.
Architect—None.
Contractor—L. W. Van Horn, 5935
Mauritanie, Oakland. \$2000

DWELLING

(4425) E ORANGE AVE. 120 S E-27th
St., Oakland. One-story 5-room
dwelling.
Owner—The Gier.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna
Ave., Oakland. \$3200

DWELLING
(4426) N FORTY-SECOND 140 E Market, Oakland. One-story 4-room dwelling.
Owner—E. Arneso, 1620 West St., Okd.
Architect—None. \$2500

DWELLING
(4427) SEMINARY 200 N Braun St., Oakland. One-story 5-room dwlg.
Owner—Paul Runyon.
Architect—None.
Contractor—A. E. Orton, 6800 Trenor St., Oakland. \$4000

DWELLING
(4428) W SIXTY-SECOND AVE 80 W Hayes, Oakland. One-story 4-room dwelling.
Owner—A. T. Anderson, 9302 Birch St., Oakland.
Architect—None. \$2000

DWELLING
(4429) LOT 6 BLK 13 AMENDED MAP Oakridge Park, Berkeley. Two-story frame dwelling.
Owner—Thomas C. Haven, 445 States St., Oakland.
Architect—Raymond W. Jeans, 546 24th St., Oakland.
Contractor—E. Tranmal & C. O. Bradhoff, 911 55th St., Oakland.
Filed Oct. 13, 1922. Dated Sept. 28, 1922.
End each 30 days 75%
Usual 35 days 25%
TOTAL COST, \$6720

Bond, none. Sureties, none. Forfeit, none. Limit, 100 days; Plans and specifications filed.

DWELLING
(4430) E-COLLEGE AVE. 68-84 1/2 N Stuart St. N 50 E 47, Berkeley. Dwelling and garage.
Owner—Dr. Robert Edgar Campbell, 3004 Dana St., Berkeley.
Architect—W. H. Weeks, 361 Pine St., San Francisco.
Contractor—Home Construction Co., 2133 University Ave., Berkeley.
Filed Oct. 13, 1922. Dated July 6, 1922.
Foundation in \$2506.75
Frame up 2506.75
Ready for finish 2506.75
Usual 30 days after 2506.75
TOTAL COST, \$10,027

Bond, none. Sureties, none. Forfeit, \$25. Limit, 120 days; Plans and specification filed.

DWELLING
(4431) NE BAY VIEW AND ELLIOTT. Oakland. One-story 6-room dwlg.
Owner—C. H. Kinney, 480 Hardy St., Oakland.
Architect—None. \$4500

DWELLINGS
(4432) W BROOKWOOD 200 and 249 S Trestle Glen Road, Oakland. Two one-story 5-room dwellings.
Owner—E. B. Leonard, 589 Kenmore St., Oakland.
Architect—None. \$4000 each

DWELLING
(4433) W BARTLETT 624 N Brookdale, Oakland. One-story 6-room dwelling.
Owner—C. M. MacGregor, 476 15th St., Oakland.
Architect—None. \$3700

DWELLING
(4434) N CALIFORNIA 125 W Maple, Oakland. One-story 5-room dwlg.
Owner—F. W. Brooks, 3456 Fruitvale Ave., Oakland.
Architect—None.
Contractor—P. Buhman, 2412 Palmetto St., Oakland. \$3500

DWELLING
(4435) S GLENDORA 150 W Edgewood, Oakland. One-story 6-room dwelling.
Owner—K. S. Fredrickson, 542 Montclair St., Oakland.
Architect—None. \$4000

DWELLING
(4436) SE FIFTY-SIXTH AND SHATTUCK AVE., Oakland. One-story 5-room dwelling.
Owner—Cyril A. Legris, 650 56th St. Oakland.
Architect—None. \$3000

DWELLING
(4437) E STRATFORD 240 S Trestle Glen Road, Oakland. One-story 6-room dwelling.
Owner—E. B. Leonard, 589 Kenmore St., Oakland.
Architect—None. \$4000

ADDITION
(4438) NO. 5835 & 5847 SAN PABLO, Oakland. Additions.
Owner—Allen Johnson, 2031 Bryant St., San Francisco.
Architect—None. \$3200

DWELLING
(4439) W NINTH AVE 240 N E-21th St., Oakland. One-story 6-room dwelling.
Owner—C. K. Nichols, 1528 Franklin St., Oakland.
Architect—None. \$4850

DWELLING
(4440) LOT 16 BLK 5, Berkeley Heights Tract, Berkeley. All work for two-story dwelling.
Owner—Ralph V. Dewey, 853 Neilson St., Berkeley.
Architect—None.
Contractor—Morse & Hind, 2233 Channing Way, Berkeley.
Filed Oct. 13, '22. Dated Oct. 11, '22.
Enclosed 1/4
Brower coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$6400

Bond, none. Limit, 90 days after Oct. 16. Forfeit none. Plans and specifications filed.

MOVE BLDG.
(4441) SE NINETY-EIGHTH AVE. & E-14th St., Oakland. All work for moving building.
Owner—George A. Hansen, Oakland.
Architect—None.
Contractor—Jas. B. Petersen, 2053 38th Ave., Oakland.
Filed Oct. 13, '22. Dated Oct. 13, '22.
Ready to move \$1200
Moved 1200
Completed and accepted 1357
TOTAL COST, \$3755

Bond, \$3755. Surety, Globe Indemnity Co. Limit, 45 days. Forfeit, plans and specifications, none

OFFICE BLDG.
(4442) E E-FOURTEENTH 842 N Stanley Av 210.83x1032.76, Oakland. Floor and wall tile for one-story office building.
Owner—Star Motor Co. of Calif.
Architect—None.
Contractor—The Rigney Tile Co., 2148 Telegraph Ave., Oakland.
Filed Oct. 13, '22. Dated Oct. 10, '22.
On 10th of each month 75%
Usual 35 days 25%
TOTAL COST, \$1181

Bond, \$591. Surety, Fidelity & Deposit Co. Limit, 15 days. Forfeit, none. Plans and specifications filed.

WAREHOUSE, ETC.
(4443) E E-FOURTEENTH 842 N Stanley Road 216.83x1032.76, Oakland. Lathing for one-story warehouse and one-story office building.
Owner—Star Motor Co. of Calif.
Architect—None.
Contractor—C. O. Munson, 663 7th Ave., San Francisco.
Filed Oct. 13, '22. Dated Oct. 6, '22.
On 10th of each month 75%
Usual 35 days 25%
TOTAL COST, \$1895

Bond, \$918. Surety, Fidelity & Deposit Co. Limit, Nov. 10, 1922. Forfeit, none. Plans and specifications filed.

STORES, ETC.
(4444) SE FORTY-FIRST & GROVE S 47-48 E 118, Oakland. All work for two-story stores and apartments.
Owner—Maurice and Mary Kavanaugh, 1012 Grove St., Oakland.
Architect—East Bay Planners, 306 14th St., Oakland.
Contractor—H. P. Nelson, 1947 Blake St., Berkeley.
Filed Oct. 11, '22. Dated Oct. 10, '22.
Owner pays bills on 1st and 15th of each month
TOTAL COST, \$23,000
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

CLASS C BLDG.
(4445) S TWELFTH 75 W Jackson W one-story Class C building.
Owner—N. S. Sachs, San Francisco.
Architect—None.
Contractor—Henry J. Christensen and R. Vane Woods, Federal Bldg., Okd.
Filed Oct. 14, '22. Dated Oct. 11, '22.
1st of each month 75%
Completed 75%
Usual 35 days 25%
TOTAL COST, \$17,365
Bond, none. Limit, 50 days. Forfeit, \$15. Plans and specifications, none.

DOCTORS' BLDG.
(4446) N GRAND AVE 97.67 W Park View Terrace W 96.15 NE 139.95 SE 95.68 SW 98.95, Oakland. All work for two-story and basement frame doctors' building.
Owner—Dr. L. P. Adams and Dr. W. H. Strickmann, Federal Bldg., Okd.
Architect—Wm. E. Milwain, Albany Bldg., Oakland.
Contractor—F. W. Maurice, 1362 E-25th St., Oakland.
Filed Oct. 13, '22. Dated Oct. 10, '22.
Frame up and chimneys built 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 55 days 1/4
TOTAL COST, \$33,686

Bond, \$32,686. Surety, Globe Indemnity Co. Limit, 160 days. Forfeit, none. Plans and specifications filed.

DWELLING
(4447) NO. 516 ALAMEDA, Berkeley. One-story 5-room dwelling.
Owner—A. J. Townsend, 1203 Shattuck Ave., Berkeley.
Architect—None.
Contractor—E. J. Squires, 2117 Rose St., Berkeley. \$3600

STORES
(4448) NO. 2924-50 COLLEGE AVE., Berkeley. One-story 4-room dwlg.
Owner—John A. Bischoff, 2714 Russell St., Berkeley.
Architect—None. \$6000

DWELLING
(4449) NO. 1520 CEDAR ST., Berkeley. One-story 5-room dwelling.
Owner—Frank H. Scott, 2315 E-27th St., Oakland.
Architect—None.
Contractor—A. H. Smith, 3318 E-10th St., Oakland. \$3300

DWELLING
(4450) NO. 2441 EDWARDS, Berkeley. One-story 2-room dwelling.
Owner—W. M. Alhborn, 2437 Edwards St., Berkeley.
Architect—None.
Contractor—A. Ambruster, 2437 Edwards St., Berkeley. \$2500

DWELLING
(4451) NO. 1035 MONTEFREY AVE., Berkeley. One-story 4-room dwlg.
Owner—Mrs. Laurence, 826 22nd St., Oakland.
Architect—None.
Contractor—P. C. Stolte, 3455 Laguna Ave., Oakland. \$2900

DWELLING
(1152) NO. 820 OXFORD, Berkeley.
Two-story 6-room dwelling.
Owner—Rolph V. Dewey, NE. Grove &
Francisco St., Berkeley.
Architect—None.
Contractor—Morse & Hume, 1825 Hearst
Ave., Oakland \$5000

DWELLING
(1153) NO. 1029 SERRIA ST., Berkeley
One-story 6-room dwelling.
Owner—Norgrove & Beckley, 2220
Rockwell Ave., Berkeley.
Architect—None. \$1000

PERMANENT ROOM
(1154) NO. 2110 SIXTH ST., Berkeley.
Parlance room.
Owner—Otto Karval 2112 6th St.,
Berkeley.
Architect—None.
Contractor—J. H. Smith, 493 Negron
Ave., Oakland. \$1000

DWELLINGS
(1155) NO. 2038 & 2115 SACRAMENTO
ST., Berkeley. Two one-story six-
room dwellings.
Owner—Louis Saroni, 705 Sacramento St.,
San Francisco.
Architect—None.
Contractor—C. P. Pond, 1163 Ashmount
Ave., Oakland. \$2800 each

DWELLING
(1156) N. BOND 88 W 51st Ave., Oak-
land. One-story 3-room dwelling &
garage.
Owner—D. V. Gallatin.
Architect—None.
Contractor—Ben E. Kopf, 815 Pac. Ave.,
Oakland. \$2000

CHURCH
(1157) S. E. COR. EIDERLEY & FIFTY-
FOURTH AVE., Oakland. One-story 1-
room church.
Owner—St. Johannes Church.
Architect—None.
Contractor—Ben E. Kopf, 815 Pac. Ave.,
Alameda. \$1775

DWELLING
(1158) W. EIGHTY-SECOND AVE. 210
N. Plymouth, Oakland. One-story
3-room dwelling.
Owner—F. J. Lyman, 3751 Bdwy., Okd.
Architect—None.
Contractor—R. A. Smith, 3115 Adeline
St., Oakland. \$1850

DWELLING
(1159) W. EIGHTY-SECOND AVE. 120
S. Birch St., Oakland. One-story 3-
room dwelling.
Owner—F. J. Lyman, 3751 Bdwy., Okd.
Architect—None.
Contractor—R. A. Smith, 3115 Adeline
St., Oakland. \$1850

DWELLING
(1160) W. FIFTY-EIGHTH AVE. 160
and 200 S. Tevis, Oakland. Two 1-
story 1-room dwellings.
Owner—E. Lundberg, 3138 Magnolia,
Oakland.
Architect—None. \$2300 ea.

DWELLING
(1161) W. FREMONT 100 N 55th St.,
Oakland. One-story 4-room dwlg.
Owner—Nellie Hale, 5815 Fremont, Okd.
Architect—None.
Contractor—M. E. Wise, 3248 Chestnut,
Oakland. \$1600

DWELLING
(1162) N. FORTY-FOURTH 100 East
Grove, Oakland. One-story 5-room
dwelling.
Owner—Miss E. Bornhorst, 190 18th St.,
Oakland.
Architect—None.
Contractor—E. Campanerosi, 5238 Law-
ton Ave., Oakland. \$1000

DWELLING
(1163) E. SIXTY-EIGHTH AVE. 115 N
E-11th St., Oakland. One-story 4-
room dwelling.
Owner—J. C. Williams, 67th Ave &
E-11th St., Oakland.
Architect—None.
Contractor—C. L. Hewitt, 8821 E-14th
St., Oakland. \$2000

DWELLING & GARAGE
(1164) E. SHAFTER 110 N Hudson,
Oakland. 1-story 3-room dwelling
and garage.
Owner—Maud Green Bowles, Turlock.
Architect—None.
Contractor—John Green, 5122 Shafter
Ave., Oakland. \$1500

DWELLING
(1165) E. THIRTY-EIGHTH AVE. 300
N. Carrington, Oakland. 1-story 5-
room dwelling.
Owner—C. M. Dean, 3521 Fruitvale Ave.,
Oakland.
Architect—None. \$3650

DWELLING & STORE
(1166) S. W. COR. THIRTY-EIGHTH
Ave. and Carrington St., Oakland.
1-story 8-room dwelling and store.
Owner—J. S. Stark, 1331 Grove St., Okd.
Architect—None. \$5000

DWELLING
(1167) E. UNDERHILL Rd. 800 N
Mathews Rd. 2-story 6-room dwlg.
Owner—C. W. Boden.
Architect—None.
Contractor—J. B. Peppin. \$5000

DWELLING
(1168) F. UNDERHILL RD 1050-1110 N
Mathews, Oakland. 2 1-story 6-room
dwellings.
Owner—C. W. Boden.
Architect—None.
Contractor—J. B. Peppin. \$4300 ea.

DWELLINGS
(1169) E. UNDERHILL 865, 930, 990,
1160, 1220, 1280, 1310 N Mathews,
Oakland. 7 1-story 6-room dwlgs.
Owner—C. W. Boden.
Architect—None.
Contractor—J. B. Peppin. \$1400 ea.

DWELLING
(1170) N. WALNUT 150 E-96th Ave.,
Oakland. 1-story 4-room dwelling.
Owner—Louis Accemie, Pl. Richmond.
Architect—None. \$1000

APTS. & STORES
S. E. COR. FORTY-FIRST & GROVE
STs., Oakland. 2-story 23-room apts
and store.
Owner—Mary Kavanaugh, 1012 Grove
St., Oakland.
Architect—None.
Contractor—H. P. Nelson, 1947 Blake
St., Berkeley. \$21,500
NOTE: Recorded contract reported Oct.
16, 1922, No. 4441.

DWELLING
(1171) NO. 5267 YGNACIO AVE., being
Lot 8 Blk 11 Map Melrose Heights,
Oakland. 1-story dwelling.

Owner—A. E. & Amanda Young, prem.
Architect—None.
Contractor—H. J. Burns, 2971 Elmwood
Ave., Oakland.
Filed Oct. 16, 1922. Dated Sep. 29, 1922.
Frame up 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$1575
Bond, none; Sureties, none; Forfeit,
none. Limit, 70 days from Oct. 1; Plans
and specifications filed.

DWELLING
(1172) LOT 11 BLK 10 MAP NORTH-
BAY properties, Berkeley. 1-story
dwelling.
Owner—Frene A. Lawrence, Oakland.
Architect—None.

Contractor—F. C. Stolle, 3453 Laguna
Ave., Oakland.
Filed Oct. 16, 1922. Dated Oct. 10, 1922.
Frame up \$650
Brown Coated 650
Completed and accepted 650
Usual 35 days 950
TOTAL COST, \$2500

Bonds, none; Sureties, none; Forfeit,
\$1; Limit, 75 days; Plans and specifica-
tions filed.

DWELLING
(1173) NO. 2315 HERRY ST., Berkeley
One-story 5-room dwelling.
Owner—J. E. Bigelow, 2224 Atherton
St., Berkeley.
Architect—None. \$3200

DWELLING
(1174) NO. 1707 MADERA ST., Ber-
keley. One-story 6-room dwelling.
Owner—A. H. Pallen, 686 41st St.,
Oakland.
Architect—None. \$3900

DWELLING
(1175) W. EIGHTY-FIFTH AVE. 200
N. Holly. One-story 4-room dwlg.
Owner—E. B. Sprague, 1509 11th Ave.,
Oakland.
Architect—None.
Contractor—M. J. Terra, 509 10th St.,
Oakland. \$2500

DWELLING
(1176) E. ELSTON AVE 155 N E-38th
St., Oakland. One-story 5-room
dwelling.
Owner—Falk & Sand, 1520 E-38th St.,
Oakland.
Architect—None. \$3500

DWELLING
(1177) E. EL CAMILLE 126 E Kingsland,
Oakland. One-story 6-room dwlg.
Owner—Emma M. Whitehouse, 1507 7th
Ave., Oakland.
Architect—None.
Contractor—T. R. Matheyer Co., 1363
Hopkins St., Oakland. \$1000

DWELLING
(1178) S. FORTY-FIFTH ST. 90 E
West St., Oakland. One-story 5-
room dwelling.
Owner—Ortlow & Spurt, 3929 West St.,
Oakland.
Architect—None. \$3000

DWELLING
(1179) S. E. COR. FIFTY-FOURTH AVE.
and Griffland St., Oakland. One-
story 5-room dwelling.
Owner—Catherine Burns, 24 Woodward
Ave., San Francisco.
Architect—None.
Contractor—Philip Burns. \$3000

DWELLING
(1180) N. HEMPHILL PLACE 130 W
College, Oakland. One-story 6-room
dwelling.
Owner—J. E. Clark, 106th Ave. and
Royal Ann, Oakland.
Architect—None.
Contractor—Frank Critchet, Oak Bank
Bldg., Oakland. \$5000

MIXING PLANTS
(1181) END MCADAM ST. 600 E Boody,
Oakland. Mixing plants.
Owner—Oakland Paving Co.
Architect—None.
Contractor—Cal. Constr. Co., 58 2nd St.,
San Francisco. \$15,000

DWELLING
(1182) N. RUTH AVE. 279 W 55th Ave.,
Oakland. One-story 5-room dwlg.
Owner—H. Geranson, 3176 Laguna Ave.,
Oakland.
Architect—None. \$3250

ADDITION
(1183) N. AND SIXTIETH ST., Oak-
land. Addition.
Owner—Pacific Plumbing & Mfg. Co.
Architect—None. \$2000

APARTMENTS

(4484) N TENTH 106 W Fallon St., Oakland. Three-story 24-room apartments.
Owner—Leach Dean, 1123 E-28th St., Oakland.
Architect—None.
Contractor—H. C. Knight, 588 12th St., Oakland. \$21,000

ADDITION

(4485) NO. 2025 TWENTY-FIFTH AVE., Oakland. Additions.
Owner—M. M. Oakes.
Architect—None.
Contractor—Theo. Bruck, 1236 40th Oakland. \$2,000

MILL

(4486) E WEBSTER 50 N-Tenth St., Oakland. Two-story mill.
Owner—Hayliss & Sheridan, 1014 Webster St., Oakland.
Architect—None. \$6,000

DWELLING

(4487) LOT 7 BLK "F" Mai Bella Vista Park Tract, Oakland. Ad work for one-story 6-room dwelling.
Owner—Franklin R. and Elsa M. Lloyd, 3554 Lincoln St., Oakland.
Architect—A. W. Smith, 1010 Broad way, Oakland.
Contractor—C. M. MacGregor, 470 12th St., Oakland.
Filed Oct. 17, '22. Dated Oct. 14, '22.

Frame up 1/4
Brown coated 1/4
Standing finish 1/4
Completed 1/4
TOTAL COST, \$5350
Bond, \$2700. Sureties, G. A. Scott and J. F. Smith. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING

(4488) NO. 1331 BLAKE ST., Berkeley. One-story 4-room dwelling.
Owner—J. P. S. Johnson, 1327 Blake St., Berkeley.
Architect—None. \$5,000

DWELLINGS

(4489) NO. 2416 AND 2417 BROWN-lev, Berkeley. Two one-story 5-room dwellings.
Owner—P. Duval, 914 E-22nd St., Oakland.
Architect—None. \$2700 each

DWELLING

(4490) NO. 2133 BYRON ST., Berkeley. One-story 3-room dwelling.
Owner—Alf Joensuu.
Architect—None.
Contractor—Aaro Niska, 1137 Allston Way, Berkeley. \$1500

DWELLING

(4491) NO. 1332 PERALTA AVE., Berkeley. One-story 5-room dwelling.
Owner—W. McCoy, Trustee.
Architect—None.
Contractor—Fred Pfaff, 1605 Grant St., Berkeley. \$2150

APARTMENTS

(4492) W CLARK ST. 110 S 40th St., Oakland. 2-story 16-room apts.
Owner—Arthur Elliott.
Architect—None.
Contractor—Calif. Builders Co., 1534 Franklin St., Oakland. \$13,000

DWELLING

(4493) E FORTIETH AVE 300 N Car-rlington, Oakland. 1-story 4-room dwelling.
Owner—E. M. Marquis.
Architect—None. \$2200

DWELLING

(4494) E FORTIETH AVE 100-350 S Santa Rita, Oakland. 2 1-story 4-room dwellings.
Owner—E. M. Marquis, Oakland.
Architect—None. \$2200 each

DWELLING

(4495) S FORTY-FIFTH ST 82 E Shafter, Oakland. 1-story 5-room dwelling.
Owner—M. Brennan 383 45th St., Okd.
Architect—None.
Contractor—T. E. Stanley, 1748 23rd Ave., Oakland. \$3000

DWELLING

(4496) S FIFTY-FIFTH ST. 75 E Des-mond, Oakland. 1-story 4-rm. dwlg.
Owner—Mrs. H. Grunewald 1373 E-22nd St., Oakland.
Architect—None.
Contractor—E. Grunewald, 406-A Hud-son St., Oakland. \$2000

DWELLING

(4497) S FORTY-SIXTH ST 240 W Grove St., Oakland. 1-story 3-room dwelling.
Owner—E. Messano, 4912 Desmond, Okd.
Architect—None. \$1000

APARTMENTS

(4498) W JACKSON ST. 350 N 14th St., Oakland. Three-story 51-rm. brick apartments.
Owner—Colt Inv. Co., 306 14th St., Okd.
Architect—None. \$60,000

DRY KILN

(4499) S E COR. NINETEENTH AND Dennison Sts., Oakland. 1-story tile dry kiln and 1-story factory.
Owner—R. H. Cooley Mfg. Co., 963 33rd St., Oakland.
Architect—None. \$11,500

DWELLING

(4500) W NEY AVE 500 N Parker, Oakland. 1-story 3-room dwelling.
Owner—W. Dougherty.
Architect—None.
Contractor—C. A. Curtis, 7820 Foothill Blvd., Oakland. \$2000

DWELLING

(4501) N W COR PARK BLVD AND Hollywood, Oakland 2 story 11-rm. dwelling.
Owner—John McIntyre, 7th & Peralta Sts., Oakland.
Architect—None.
Contractor—Tornell & Son, 351 12th St., Oakland. \$12,000

DWELLING

(4502) E-SIXTY-SECOND AVE 200 S Mesaba, Oakland. 1-story 5-room dwelling.
Owner—Mrs. Ida Thompson, 635 35th St., Oakland.
Architect—None.
Contractor—F. C. Bignani, 5442 Claremont, Oakland. \$3000

DWELLING

(4503) N E-TWENTY-THIRD ST. 100 W 8th St., Oakland. 1-story 5-room dwelling.
Owner—C. A. Anderson, 716 E-23rd St., Oakland.
Architect—None. \$3000

DWELLINGS

(4504) W THIRTY-EGHTEH AVE. 110, 220 N San Juan, Oakland. 2 1-story 4-room dwellings.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. \$2200 ea

ALTERATION

(4505) 730 TWENTY-NINTH ST., Okd Alterations.
Owner—Calow Estate.
Architect—Sidney B. & Noble Newsom, San Francisco. \$3500

DWELLING

(4506) W YERMONT 75 N Weldon, Oakland. 2-story 6-room dwlg.
Owner—H. T. Taylor, 330 Portland Ave., Oakland.
Architect—None. \$4500

ALTERATION

(4507) 713 WASHINGTON, Oakland Alteration.
Owner—Sanitary Market, 170 9th St., Oakland.
Architect—None.
Contractor—Mowat Refrigerator Co., Oak Grove Ave., S. E. \$3400

DWELLING

(4508) LOT 18 BLK "K" Central Pied-mont Tract, Piedmont. All work for two-story dwelling and garage.
Owner—M. McEhinney, 13 Montecello Ave., Piedmont.
Architect—None.
Contractor—Beach & Noble, 351 12th St., Oakland.
Filed Oct. 18, '22. Dated Oct. 16, '22.
Roof construction 1/4
Plastered 1/4
Completed 1/4
Bond 25 days. \$5000. Forfeit, none. Plans and specifications filed.
TOTAL COST, \$5600

DWELLING

(4509) NO. 2325 JEFFERSON ST., Berkeley. One-story 5-room dwlg.
Owner—R. D. Fell, 1723 Channing Way, Berkeley.
Architect—None. \$2500

PARN

(4510) DWIGHT WAY., bet. 4th and 8th Sts., Berkeley. One-story tile barn.
Owner—Cutter Laboratory.
Architect—None.
Contractor—H. J. F. Sattin, 2325 Hill-gate St., Berkeley. \$2500

DWELLING

(4511) NO. 2043 CLINTON AVE., Alameda. One-story 6-room dwelling.
Owner—F. W. Craig, 1315 St. Charles St., Alameda.
Architect—None. \$4000

DWELLING

(4512) NO. 1724 PEARL ST. Alameda. One-story 5-room dwelling.
Owner—James W. Trice, 2325 1/2 Santa Clara Ave., Alameda.
Architect—None.
Contractor—Howard Willford, 3265 Central Ave., Alameda. \$5864

REPAIRS

(4513) NO. 2322 LINCOLN, Alameda Repairs.
Owner—W. A. Connean, 1115 Lafayette St., Alameda.
Architect—None. \$1500

STORE

(4514) E BROADWAY 2, N Third St., Oakland. One-story concrete store.
Owner—E. E. Ware, 212 12th St., Okd.
Architect—None.
Contractors—V. G. McInty & Sons, Federal Bldg., Oakland. \$4350

DWELLING

(4515) S FIFTY-SECOND 456 E Grove, Oakland. One-story 6-room dwlg.
Owner—W. E. Fetter, 725 52nd St., Oakland.
Architect—None.
Contractor—Ben Pearson, 2463 Grant St., Oakland. \$5480

DWELLING

(4516) NE FLORIO AND AUBURN, Oakland. One-story 6-room dwlg.
Owner—P. Schnocer, 5905 Claremont, Oakland.
Architect—None.
Contractor—F. C. Stolte, 3455 Laugha Ave., Oakland. \$4975

DWELLING

(4517) N FIFTY-SIXTH 310 E Dover, Oakland. One-story 6-room dwlg.
Owner—Mrs. H. Young, 4174 Emerald St., Oakland.
Architect—None. \$4000

STATION
(4514) SE FOOTHILL BLVD AND Fairfax Ave., Oakland. One-story brick service station.
Owner—C. D. Gams, 5416 Princeton St., Oakland.
Architect—None.
Contractor—J. B. Maganani, 603 36th St., Oakland. \$1000

FLATS
(4519) NE GROVE AND SIXTY-FIRST OAKLAND. Two-story 14-room flats.
Owner—Newton Shelly, 1823 1/2 62nd St., Oakland.
Architect—None.
Contractor—A. J. Yerrick, 3255 College Ave., Oakland. \$14,150

DWELLING
(4520) S HOLWAY 180 E-55th Ave., Oakland. One-story 5-room dwlg.
Owner—C. G. Johnson, Edgerly St., Oakland.
Architect—None.
Contractor—J. E. York, 5527 Holway. \$3500

ADDITION
(4521) 4804 LAWTON AVE., Oakland. Addition.
Owner—Fred W. Hayes.
Architect—None. \$1200

FLATS
(4522) E RUBY ST. 140 S 40th St., Oakland. Two-story 12-room flats.
Owner—Mrs. B. Lunden & Hilda Anderson, 3348 Ruby, Oakland.
Architect—None.
Contractor—C. C. Foss, 1242 1st Ave., Oakland. \$11,000

DWELLINGS
(4523) N SANTA RAY 80, 130 W Carlston. Two 1-story 6-room dwellings.
Owner—Gurnette & Chandler, S. F.
Architect—None.
Contractor—McWethy & Greenleaf, Albany Bldg., Oakland. \$6000 ea.

DWELLING
(4524) N SIXTY-FIRST ST. 284 E Lowell, Oakland. One-story 4-room dwelling.
Owner—Eugene Herbert.
Architect—None.
Contractor—W. E. Adkinson, 1715 Telegraph, Oakland. \$2750

FLATS
(4525) S E-SIXTEENTH ST. 108 W 27th Ave., Oakland. Two-story 16-room flats.
Owner—John Westerlund, 1562 35th Ave., Oakland.
Architect—None. \$12,000

DWELLING
(4526) N SYLVIA AVE. 150 E Maple, Oakland. One-story 5-room dwelling.
Owner—C. L. Bennett.
Architect—None.
Contractor—F. C. Stoltie, 3455 Laguna Ave., Oakland. \$2950

DWELLING
(4527) E STRATFORD RD. 300 S Treble Rd., Oakland. One-story 5-room dwelling.
Owner—F. L. Woodburn, 3130-A College Ave., Oakland. \$4000

DWELLING
(4528) W THIRTY-FIFTH AVE. 100 N Salisbury, Oakland. One-story 5-room dwelling.
Owner—M. Bagalini, 2211 35th Ave., Oakland.
Architect—None.
Contractor—W. A. Morgan, 3702 Alameda Ave., Oakland. \$2995

DWELLING
(4529) N FRANK 220 W Foothill Blvd., Oakland. One-story 5-room dwlg.
Owner—L. T. Dowling, Federal Bldg., Oakland.
Architect—None. \$3100

STORE
(4530) S W COR. THIRD AVE. AND E-12th St., Oakland. One-story fruit store.
Owner—Enegel Hermann & Applebaum.
Architect—None.
Contractor—R. E. Taylor, 3434 Seminary Ave., Oakland. \$1350

CHURCH
(4531) COR 2nd & D STREETS, Hayward. Carpenter, mill, plastering, stucco, wiring, nails, hardware, lumber, metal ventilator, scaffolding, (all except roof slate) for finishing All Saints Church.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St.
Architect—Wm Klinkert, 352 Park Ave. San Jose.
Contractor—E. Nomaensen, 19 S 5th St. San Jose.

Filed Oct. 19, 1922. Dated Oct. 6, 1922.
All outside wk on gables com. \$2845
2nd coat plaster on 2845
Cornice wk & eil. arches com. 2845
Completed & accepted. 2845
Usual 35 days 3797
TOTAL COST, \$15,177
Bonds, \$7588.50; Sureties, J. A. Wagner and Jas. H. Quinby; Forfeit, none; Limit, 90 days from Nov. 1; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded	Accepted
Oct. 13, 1922—W 1TN LOT 6 BLK 2 Map Thousand Oaks, Berkeley.	William Banning to Fred J. Westlund. Sept. 22, 1922
Oct. 13, 1922—THIRTEENTH AND Broadway, Oakland. Southern Pacific Co to Harry McManus. Oct. 11, 1922	
Oct. 13, 1922—LOT 27 BLK 1, Northbrae Tract, Berkeley. George G. Karston to D T Blehroad. Oct. 13, 1922	
Oct. 13, 1922—LOT 12 BLK 2, Thousand Oaks Court Tract, Berkeley. Howard D Bowen to Morse & Hind. Sept. 26, 1922	
Oct. 13, 1922—NO. 3022-24 PERALTA Ave., Oakland. Jas F Thomas to whom it may concern. Oct. 12, 1922	
Oct. 13, 1922—LOT 10 BLK 1 Map Kenwood Park, Oakland. Jergon Dignerness to whom it may concern. Oct. 10, 1922	
Oct. 14, 1922—NO. 1261 BLAKE, Berkeley. Eleanor C Kiely to A E Orlon. Oct. 14, 1922	
Oct. 14, 1922—N LINCOLN AVE 100 E Wood 500150, Alameda. Ethel E Hinckley to Howard Whitford. Oct. 13, 1922	
Oct. 14, 1922—SE THIRTEENTH & Jefferson E 75x8 103, Oakland. W H Pollard to F C Stoltie. Oct. 13, 1922	
Oct. 14, 1922—W MILVIA 250 S Eunice S 50x W135, Berkeley. I C and Grace P Plan to Jordan & Zelle. Oct. 12, 1922	
Oct. 16, 1922—LOT 15 BLK 23 McGee Tract, Berkeley. Mrs. Margaret Neven to G T Pratt and J Ambuster. Oct. 14, 1922	
Oct. 16, 1922—LOT 52 and 1tn Lot 53 Blk 1, Lakeshore Highlands, Oakland. Nicholas A Ball to Chester A Gosssett. Oct. 9, 1922	
Oct. 16, 1922—PTN LOT "A" Map College Court, Oakland. Harold C Broderick to Chas Burke. Oct. 12, 1922	
Oct. 16, 1922—NO. 747 WARFIELD Ave., Oakland. Aida C Pseudo to Axel Sommarstrom. Oct. 11, 1922	
Oct. 16, 1922—NO. 2454 TWENTY-sixth Ave., Oakland. Effie Roberts to Shaw & Watson. Aug. 11, 1922	
Oct. 17, 1922—NO. 3615 LYON AVE., Oakland. J W Sigwald to whom it may concern. Oct. 17, 1922	

Oct. 17, 1922—NO. 3612 LYON AVE., Oakland. J W Sigwald to whom it may concern. Oct. 17, 1922

Oct. 17, 1922—65 AND 69 PALM Court, San Leandro. A E Pelton, to Eric McCord and A B Davis. Oct. 17, 1922

Oct. 18, 1922—NW VAN DYKE AVE 50 SW Brooklyn Ave SW 50xNW 122, Oakland. C C Haskell to whom it may concern. Oct. 17, 1922

Oct. 18, 1922—W TELEGRAPH AVE 50-26 N 51st N 50-26 E 114-43 S 50 W 415 S 5 W 37 N 5 W 68, Oakland. Simon J Shapiro to A M Hardy. Sept. 11, 1922

Oct. 18, 1922—LOT 15 BLK "1" Map Foothill Park, Oakland. Ralph Knudt Arfsen to Wm S Kepple. Oct. 12, 1922

Oct. 19, 1922—NO. 1665 AND 1673 Fifty-first Ave., Oakland. E W Olin to whom it may concern. Oct. 19, 1922

Oct. 19, 1922—LOT 20 BLK 4, Map North Grammont, Berkeley. Margaret Edith Foreman to Charles E Arthur. Oct. 18, 1922

Oct. 19, 1922—LOT 16 BLK "C" Map Sunny Slope, Oakland. Mary Cardoza to J P Silva. Oct. 9, 1922

Oct. 19, 1922—SW SAN JOSE AVE & Union S 50xW 100, Alameda. A W Porter to F J Thelle. Oct. 19, 1922

Oct. 19, 1922—SW 10 LOT 6, all Lot 7 and NE 2 1/2, Lot S Blk 7, Map Route Heighs. N M and Sallie Strebel to whom it may concern. Oct. 19, 1922

Oct. 19, 1922—NW NINTH AVE 326.54 SW Silver St. abandoned, SW 40x NW 100, Oakland. Clarence K Nichols to whom it may concern. Oct. 16, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
Oct. 13, 1922—LOT 6 BLK "C" Foothill Park Tract, Oakland. C D Lash vs E C Ballentine and H M Hicks. \$100	
Oct. 13, 1922—NO. 1544 MASON ST., Oakland. C D Lash vs Mrs. M Schreiner. Josephine Bischoff & N F Dahlik. \$150	
Oct. 18, 1922—SW HIGHLAND AVE 150 NW Vista Ave NW 65xSW 182, Piedmont H E Irish vs Geo A Gray and G Vandenberg. \$1000	
Oct. 18, 1922—LOT 14 BLK "B" Map Leonard Tract, Berkeley. Hunter Lunbr Co vs Richard Weber, Susie E and Eugene Howard. \$294.83	
Oct. 18, 1922—NE E-FOURTEENTH and SE Sunnyside Drive SE 50x NE 123, San Leandro. Chas M Hummer vs Darling, Harding & Co. \$105	
Oct. 18, 1922—(1) SE STOKES AVE 570 SW E-14th SW 40 SE 151.32 NE 40 NW 151.24; (2) SE Stokes Ave 610 SW E-14th SW 40 SE 151.41 NE 40 NW 151.32; (3) SE Stokes Ave 650 SW E-14th SW 40 SE 151.50 NE 40 NW 151.50; (5) SE STOKES AVE 720 SW E-14th SW 40 SE 151.67 NE 40 NW 151.58, San Leandro. Chas M Hummer vs Darling, Harding & Co. \$315	
Oct. 18, 1922—LOT 2, Ocheltree Subdivision, Berkeley. The Contractors & Builders Supply Co vs Geo A Williams, Gilbert B and Idella Ocheltree. \$2085.32	
Oct. 18, 1922—LOT 4, Ocheltree Subdivision, Berkeley. The Contractors & Builders Supply Co vs Geo A Williams, Gilbert B and Idella Ocheltree. \$1476.25	
Oct. 18, 1922—N GLEN AVE 54 NE Spruce NW 105 72 NE 87.28 S 72.75 SW 100 15, Berkeley. Hunter Lunbr Co vs Richard Weber and her Po vs Richard Weber and Alison Le Breton. \$605.94	

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Oct. 14, 1922—No. B-TWELFTH 100
SE 35th Ave SE 50th NE 150-6, Oak-
land. G. H. Andrews to Mariano
Nieterra \$111
Oct. 13, 1922—S. FORTY-SECOND, 75 W
Franklin, W 25th 81-3, Oakland.
Sunset Lumber Co to F. P. Porter
et al \$2267.11
Oct. 15, 1922—LOT 1 BLK "C" Map
Foothill Park, Oakland. Melrose
Lumber & Supply Co to M. S. M.
A Solonke \$1053.43

Notice of Non Responsibility

ALAMEDA COUNTY

Oct. 16, 1922—SE 10 LOT 12, all Lot
13 and NE 10 Lot 14 Blk 13, Map
Key Route Heights, Oakland. Alame-
da Investment Co as to improve-
ments on property

BUILDING CONTRACTS

SAN MATEO COUNTY

PAINTING
PTN LOTS 7 AND 8 BLK 4 Range "A"
Town of Mezesville, Redwood City.
All work for painting building.
Owner—California Pacific Realty Co.
Architect — G. Albert Larchburgh, 110
Montgomery St., San Francisco.
Contractor—J. F. Provoo and Bernard
Pohl Captains, 34 The Neal Co., 447
Ivy Ave., San Francisco.
Filed Oct. 11, '22. Dated Oct. —, '22.
As work progresses 75%
35 days after 25%
TOTAL COST, \$985
Bond, none. Limit, 30 working days.
Forfeit, none. Plans and specifications
filed.

GLASS WORK ON ABOVE.
Contractor—J. B. Crowe, 1955 Port St.,
San Francisco.
Payments same as above.....
TOTAL COST, \$1473
Bond, none. Limit, 15 days. Forfeit,
none. Plans and specifications filed.

SHEET METAL WORK ON ABOVE.
Contractor—Percy Sheet Metal Works,
340 Guerrero St., San Francisco.
Filed Oct. 11, '22. Dated Oct. —, '22.
Payments same as above.....
TOTAL COST, \$773
Bond, none. Limit, 30 days. Forfeit,
none. Plans and specifications filed.

HEATING, ETC., ON ABOVE
Contractor—Atlas Heating & Ventilat-
ing Co., 557 4th St., San Francisco.
Filed Oct. 11, '22. Dated Oct. —, '22.
Payments same as above.....
TOTAL COST, \$1950
Bond, none. Limit, 30 working days.
Forfeit, none. Plans and specifications
filed.

TILE, ETC., ON ABOVE
Contractor—A. G. Read, 180 Jessie St.,
San Francisco.
Filed Oct. 11, '22. Dated Oct. —, '22.
Payments same as above.....
TOTAL COST, \$860
Bond, none. Limit, 29 working days.
Forfeit, none. Plans and specifications
filed.

PLUMBING, ETC., ON ABOVE.
Contractor—P. E. Brand.
Filed Oct. 11, '22. Dated Oct. —, '22
Payments same as above.....
TOTAL COST, \$694
Bond, none. Limit, 30 working days.
Forfeit, none. Plans and specifications
filed.

ELECTRICAL WORK ON ABOVE.
Contractor—M. E. Ryan, Clinie Bldg.,
San Francisco.
Filed Oct. 11, '22. Dated Oct. —, '22.

Payments same as above.....
TOTAL COST, \$792
Bond, none. Limit, 15 days. Forfeit,
none. Plans and specifications filed.

MARBLE WORK, ETC., ON ABOVE.
Contractor—American Marble & Mosaic
Co., 25 Columbus Square, San
Francisco.
Filed Oct. 11, '22. Dated Oct. —, '22.
Payments same as above.....
TOTAL COST, \$511
Bond, none. Limit, 30 working days.
Forfeit, none. Plans and specifications
filed.

PLASTERING ON ABOVE.
Contractor—John R. Bickel.
Filed Oct. 11, '22. Dated Oct. —, '22.
Payments same as above.....
TOTAL COST, \$4360
Bond, none. Limit, 30 working days.
Forfeit, none. Plans and specifications
filed.

ORNAMENTAL METAL WORK, ETC.,
on above.
Owner—Jeran Hallensteden, 262 7th
St., San Francisco.
Filed Oct. 11, '22. Dated Oct. —, '22.
Payments same as above.....
TOTAL COST, \$594
Bond, none. Limit, 20 working days.
Forfeit, none. Plans and specifications
filed.

ADDITION
BURLINGAME. All work for two-class
rooms to Roosevelt School.
Owner—Burlingame Grammar School
Board, Burlingame.
Architect—E. L. Norberg, 592 Market
St., San Francisco.
Contractor — Charles Pederson, San
Mateo.
Filed Oct. 13, '22. Dated Oct. 5, '22.
On 5th of each month..... 75%
Usual 35 days 25%
TOTAL COST, \$7490
Bond \$3700 Sureties, J. F. Turner &
George Smith. Limit, 30 days Forfeit,
none. Plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Oct. 14, 1922—DORCHESTER ROAD,
San Mateo. John D. Branfield to
James Keegan Oct. 10, 1922
Oct. 14, 1922—NW POPLAR AND
Crescent Aves., San Mateo Park.
San Mateo. H. E. Trumbo to Mag-
anzen & Peterson.....Oct. 11, 1922

BUILDING CONTRACTS

CONTRA COSTA COUNTY

CHURCH, one-story frame, \$4500; N-
Neven bet. 11th and 12th Sts, Rich-
mond; owner, Christian Science
Church Ass'n, 12th and Nevin Sts.,
Richmond; contractor, Carl Overaa,
2165 Roosevelt Ave., Richmond.
FLATS, two-story frame (4 2-room),
\$1000; SW Thirteenth and Nevin

Sts., Richmond, owner, C. L. Han-
sen, Helm, Fresno Co., Cal.; con-
tractor, E. A. F. Carson, 542 4th
St., Richmond.

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2500 and Over Reported

FRAME building, one-story six room,
\$3600; No. 1623 34th St., Sacramento
owner, O. H. Clark, 1417 P St., Sacra-
mento; contractor, J. W. Hooper,
5126 14th Ave., Sacramento.
STORE and flat, \$2500; No. 1619 28th
St., Sacramento; owner, Bern Iros,
2800 J St., Sacramento; contractor
C. Vanita, 2022 M St., Sacramento.
DWELLING, two one-story, 5-room and
garage, \$3450 each; No. 2225-
2229 23rd St., Sacramento; owner,
Walter J. Taylor, 1215 17th St., Sacra-
mento; contractor, Frank P. Williams,
4140 San Benita St., Sacramento.

DWELLINGS, two one-story 3-room
and garage, \$3200 each; No. 2316-
2320 24th St., Sacramento; owner,
Walter J. Taylor, 1215 17th St.;
contractor, Frank P. Williams, 4140
San Benita St., Sacramento.

DWELLING, one-story 5-room, \$5000;
No. 1657 Forty-second St., Sacra-
mento; owner, Dr. Chas. Gray, 2339
K St., Sacramento; contractor, E.
D. Briar, 813 J St., Sacramento.

BUNGALOW, \$3500; No. 2610 F St., Sacra-
mento; owner, G. H. Atkinson,
615 26th St., Sacramento; contrac-
tor, H. M. Earle, 1056 Dolores Way,
Sacramento.

DWELLING, one-story 5-room, \$2850,
No. 2318 13th St., Sacramento; own-
er, J. Petrally, 2320 13th St., Sacra-
mento; contractor, M. C. Valine,
1731 X St., Sacramento.

DWELLING, one-story 5-room, \$3500;
No. 5933 11th Ave., Sacramento;
owner, N. F. Rimmer, 2143 2nd Ave.;
contractor, Chas. M. Sutherland,
2113 2nd Ave., Sacramento.

DWELLING, two-story 8-room frame
and stucco, \$6500; No. 1012 47th
St., Sacramento; owner, W. J. Cas-
selman, Perkins, Calif.; contractor,
H. J. Harlow, 5423 J St., Sacto.

DWELLING, one-story 5-room, \$4100;
No. 6108 43rd St., Sacramento; own-
er, E. A. Theile, contractor, Chas. Carson,
4391 4th Ave., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Oct. 14, 1922—No. 1620 M ST., Carlton
Apartments, Sacramento. Estate
John F. Cooper by S. B. Nourse,
extr., to whom it may concern.....
.....Oct. 3, 1922

LIENS FILED

SACRAMENTO COUNTY.

Recorded Amount
Oct. 16, 1922—LOT 156 and W 16 ft.
Lot 157 W Curtis Oaks, Sacra-
mento. W B Bontes vs Margaret M
and W J Gough.\$132

BUILDING CONTRACTS

FRESNO COUNTY.

\$5,000 and Over Reported

DWELLING and garage, \$6500; No. 3462
Ventura Ave., Fresno; owner, L. J.
Allen, 465 Callich St., Fresno; con-
tractor, Yarnell & Garges, 1014 S-
14th St., Fresno.

DWELLING & garage, \$8500; No. 3307
Huntington Blvd., Fresno; owner,
T. W. Haymond; contractor, O. T.
Atkins, 3643 Platt St., Fresno.

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Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Oct. 11, 1922—LOTS 9 AND 10 BLK 1, Fresno Home & School Tract, Fresno; R. N. Peterson to whom it may concern; Filed Oct. 10, 1922
Oct. 11, 1922—LOTS 31 AND 32, Sierra Park Col., Fresno; Geo. Avadisan to whom it may concern; Sept. 25, '22
Oct. 15, 1922—LOT 10 BLK 7, North Park Terrace Addition, Fresno; Fred Stevenson to whom it may concern; Filed Oct. 7, 1922
Oct. 13, 1922—LOTS 28 TO 32 BLK 57, Fresno; Howard H. Hopkins to whom it may concern; Filed Oct. 1, 1922
Oct. 14, 1922—SELMA, Associated Oil Co. to whom it may concern; Filed Oct. 5, 1922
Oct. 14, 1922—LOTS 25, 26 AND 27 BLK 53, East Fresno; S. Leguina to whom it may concern; Filed Sept. 1, 1922
Oct. 17, 1922—LOTS 13 AND 14 BLK 6, Recreation Park, Fresno; Anna Edwards to whom it may concern; Filed Oct. 7, 1922
Oct. 18, 1922—E 1/2 LOT 2, Normal Villa, Fresno; F. E. Rafferty to whom it may concern; Filed Oct. 10, 1922
Oct. 18, 1922—LOTS 19 AND 20 BLK 11, College Addition, Fresno; Barton & Wolff to whom it may concern; Filed Oct. 9, 1922
Oct. 19, 1922—LOTS 21 AND 22 BLK 153, Fresno First Unitarian Church of Fresno to whom it may concern; Filed Oct. 10, 1922
Oct. 19, 1922—LOTS 13 AND 14, Pritchard Place, Fresno; B. G. Townsend to whom it may concern; Filed Oct. 17, 1922

LIENS FILED

FRESNO COUNTY

Recorded Amount
Oct. 12, 1922—LOTS 11 AND 12 BLK 6, Van Ness Heights Addition, Fresno; Francis Hart vs F. F. Kerr \$18
Oct. 12, 1922—LOTS 43 AND 44 BLK 4, Avalon Heights, Fresno; Scott H. and L. A. Craig vs Marion Nugent \$34
Oct. 19, 1922—LOTS 13 AND 14 BLK 4, Avalon Heights Addition, Fresno; Fresno Lumber Co. \$1000; M. Mallett, \$76 vs Marion Nugent

BUILDING CONTRACTS

SANTA CLARA COUNTY

\$1,000 and Over Reported

APARTMENTS

SAN JOSE. All work for one-story frame double apartment and garage.

Owner—Chas. W. and Ida G. Brown, 18 S. Eleventh St., San Jose.
Architect—None.
Contractor—A. J. Nielsen, 156 S. 20th St., San Jose.

Filed Oct. 9, '22. Dated Oct. 7, '22.
All studding in place..... \$1500
Roof, electric wiring and lathing done 1500
Building completed 1500
Usual 35 days..... 1500

TOTAL COST, \$6600

Bond, none. Limit, 30 working days from Oct. 19, 1922. Forfeit, none. Plans and specifications filed.

RESIDENCE

SAN JOSE. All work for one-story frame residence.

Owner—B. W. and Flora B. Rucker, % Assessor's Office, San Jose.
Architect—None.
Contractor—A. J. Nielsen, 156 S. 20th St., San Jose.

Filed Oct. 9, '22. Dated Oct. 7, '22.

All studding in place..... \$808.75
Roof, electric wiring and lathing done 808.75
Building completed 808.75
Usual 35 days..... 808.75

TOTAL COST, \$3235.00

Bond, none. Limit, 70 working days from Oct. 7. Forfeit, none. Plans and specifications filed.

RESIDENCE

HOME ACRES TRACT, San Jose. All work for one-story frame residence and garage.

Owner—Frank Giordani, San Jose.
Architect—None.

Contractor—Hector De Smet and R. C. Deaglass, 332 N. Thirteenth St., San Jose.

Filed Oct. 10, '22. Dated Oct. 9, '22.
Roof on \$1000
Plastering finished 1000
Job completed 1000
Usual 35 days..... 492

TOTAL COST, \$3492

Bond none. Limit, 90 working days from Sept. 14, 1922. Forfeit, none. Plans and specifications filed.

SHELTER

SAN JOSE. All work for shelter over existing platform.

Owner—Southern Pacific Co., San Jose.
Architect—None.

Contractor—Z. O. Field and R. S. Field (as Z. O. Field & Son), 16 S. Field Antonio St., San Jose.

Filed Oct. 11, '22. Dated Sept. 15, '22.
As work progresses 75%
Usual 35 days..... 25%

TOTAL COST, \$1662.25

Bond, \$1246. Surety Globe Indemnity Co. Limit, 12 working days from Sept. 25, 1922. Forfeit, none. Plans and specifications filed.

DWELLING

LOT 2 OF THE CHASE PARK AVE. Lots, San Jose. All work for one-story frame dwelling.

Owner—Paul Emmerson and Lydia Gruber Jaquet.

Architect—None.
Contractor—Jerome Garcia, 1052 S. 1st St., San Jose.

Filed Oct. 11, '22. Dated Oct. 10, '22.
Frame up \$625
1st coat plaster on 625
Building completed 625

Usual 35 days..... 625
Evidenced by Prem. Note..... 680

TOTAL COST, \$3180

Bond, none. Limit, 90 working days from Oct. 10, 1922. Forfeit, none. Plans and specifications filed.

COTTAGE, five-room, \$3600; 14th and St. John Sts., San Jose; owner, Miss Lamereaux, 102 S. 11th St., San Jose; contractor, F. W. Brown.

DWELLING, 8-room 2-part, \$7500; S. Eleventh St. near Santa Clara St., San Jose; owner, C. W. Brown, 18 S. 11th St., San Jose; contractor, A. J. Nielsen.

PRINTING shp., \$1000; Fifth N. Empire St., San Jose; owner, P. M. Takagishi, 898 S. 7th St., San Jose.

ADDITION, \$1200; No. 280 S. Third St., San Jose; owner, Geo. W. Dobson, 347 S. 3rd St., San Jose.

ALTERATIONS, \$1000; No. 24 S. Third St., San Jose; owner, Quincy Catglessor, 50 N. 2nd St., San Jose; contractor, Percy Sherburne, 375 N. 15th St., San Jose.

ADDITION, \$960; Empire St. near 13th St., San Jose; owner, H. I. Mabury, 311 N. Second St., San Jose.

COTTAGE, 5-room, \$2650; Acacia near Hobson St., San Jose; owner, W. H. O'Neil, 500 N. 15th St., San Jose.

ALTER into 3 flats, \$1800; No. 140 N. Ninth St., San Jose; owner, A. E. Bell, Premises.

COTTAGE, five-room, \$3235; San Fernando St. near Eighth St., San Jose; Owner, B. W. Rucker, 459 Morse St., San Jose; contractor, A. J. Nielsen.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Oct. 9, 1922—MORGAN HILL, W. H. Bone to whom it may concern.....
.....Oct. 3, 1922
Oct. 10, 1922—SAN JOSE, T. N. Doyle to whom it may concern, Oct. 9, 1922
Oct. 16, 1922—LOT 19 BLK 10, Rose Lawn, San Jose. R. E. Ford to whom it may concern..... Oct. 14, 1922
Oct. 17, 1922—SANTA CLARA. Board of Education Santa Clara High School District to Morrison Bros., Oct. 6; Flierston & Roofing Co., Oct. 6; F. N. & E. Walter & Co., Oct. 6; Carl Doell, Oct. 6; Pacific Elec. Clock Co., Oct. 6; Brode Iron Works, Oct. 6; D. Zelinsky & Sons, Oct. 6; Watts Electric Co., Oct. 6; C. F. Weber & Co., Oct. 6; San Jose Hardware Co., Oct. 6; J. C. McLeod, Oct. 6; Pacific Mfg. Co., Oct. 6; August Roll, Oct. 6; Paul Messner, Oct. 6
Christians & Anderson..... Oct. 6, 1922
Oct. 17, 1922—SAN JOSE, L. C. Rossi to whom it may concern..... Oct. 17, '22
Oct. 17, 1922—SAN JOSE, Wm H. Norman to whom it may concern.....
.....Oct. 1, 1922
Oct. 18, 1922—SAN JOSE, Pacific Gas & Electric Co. to Chas. C. Moore & Co..... Oct. 15, 1922
Oct. 18, 1922—SAN JOSE, Geo. W. Hinds and Lulu L. Hinds to whom it may concern..... Oct. 17, 1922

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Oct. 10, 1922—MONTA VISTA, James T. Baker vs Monta Vista Packing Co., Stockton..... \$885
Oct. 10, 1922—ON SAN FELIPE ROAD near San Jose, John W. Williams vs Albert Haentze \$120

RELEASE OF LIENS

SANTA CLARA COUNTY.

Recorded Amount
Oct. 9, 1922—NEAR SANTA CLARA, J. C. Anderson to Homer Knowles Pottery Co. and Frank White..... \$72.50
Oct. 11, 1922—GILROY, J. F. Smith to Gordon and Anna Chappell..... \$421.50

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

\$2500 and Over Reported

REMODEL, \$3900; E-Channel St., Stockton; owner, S. L. Thrash, 1325 E-Channel St., Stockton.
REMODEL, \$2500; N-E. Dorado St., Stockton; owner, W. L. Maxwell, 228 N. Eldorado St., Stockton.

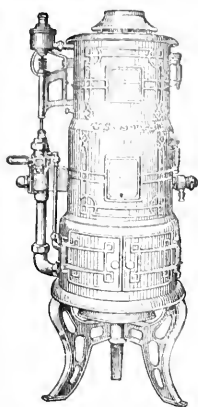
COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Oct. 11, 1922—PART OF THE J. C. Smith Co. Ranch, Stockton. Western Pacific Railroad Co., Inc. to H. E. Vickory and O. C. Attey..... Sept. 29, 1922

Recorded Accepted
Oct. 18, 1922—LOT 12 BLK 29 EAST of Center St., Stockton. V. A. John J. A. F. and J. G. Gardella to C. J. Powell and C. W. Medbery.....
.....Oct. 12, 1922

Oct. 14, 1922—GRANT SCHOOL SITE, Board of Education, City of Stockton to Stockton Plumbing Supply Co..... Oct. 10, 1922
Oct. 14, 1922—LOT 2 BLOCK 14 Yosemite Terrace, Gordon A. Stewart to Shutes & Zinck..... Oct. 9, 1922



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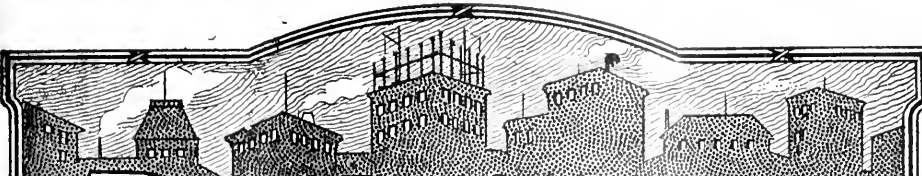
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Building & Engineering News

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SAN FRANCISCO, CALIF., OCTOBER 28, 1922 Published Every Saturday
Twenty-second Year No. 43

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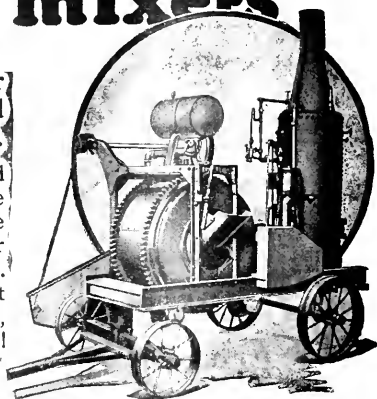
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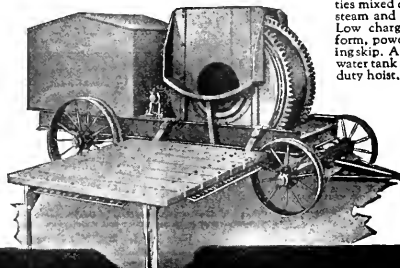
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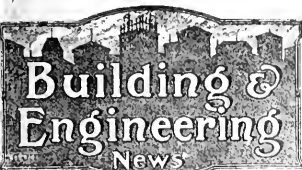
Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., OCTOBER 28, 1922

Twenty-second Year No. 43



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J. P. FARRELL, Managing Editor

Devoted to the Engineering, Architectural, Building and Industrial Activities on the Pacific Coast.

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GRANTS PASS TO COAST R. R. TALK IS REVIVED

Reports at Crescent City, Calif., indicate that construction work on the California & Oregon Railroad between Grants Pass, Ore., and Crescent City, may be revived in 1923. Indirect advice of financial negotiations for completion of the road have been received during mill city of Brookings through Harbor into the redwood belt back of Crescent City.

The proposed railroad would tap one of the most inaccessible sections of California and Oregon and would tie up the vast coast region from Eureka north with the traffic arteries of the valley by rail. At the present time the region along the coast is practically without direct rail communication with the valley from San Francisco Bay to the Columbia River.

The survey of the line calls for running up the Illinois River, tunneling through the divide and then down Smith River to Crescent City. The cost of laying the eighty-five miles of track is estimated at around \$3,000,000.

A connection would be made, it is planned, with the California & Oregon Lumber Company standard gauge railroad from the Curry County lumber the past months by officials of the Southern Pacific Company and the Oregon State Bureau of Mines and Geology.

The road, designed to open up southern Oregon coast and extreme northern coast of Superior California, was begun prior to the war under the guidance of Robert E. Twohy and construction was completed from Grants Pass west to Waters Creek, a distance of 15 miles.

STRUCTURAL STEEL BUSINESS SHOWS DECLINE

The Department of Commerce announces that a slight decline in the sales of fabricated structural steel in September, according to reports made to the Bureau of the Census, September sales amounted to 61.9 per cent of shop capacity, compared with 64.9 per cent in August.

Reports received from 137 identical firms from April through September, with a shop capacity of 218,155 tons a month, show the following actual tonnages booked each month and the percentage of shop capacity represented by these bookings:

	Tonnage	Per cent of capacity*
April	188,873	86.6
May	170,166	78.0
June	151,511	69.5
July	140,829	64.6
August	141,561	64.9
September	135,069	61.5

*The inclusion of additional firms this month has made slight revisions in the per cent of capacity reported previously.

Proposed Stockton Civic Center--

Pages 18 and 19 in this issue

THIRD OF STATES' BONDED DEBT FOR HIGHWAYS

More than a third of the \$1,071,506,981.28, which is the total of the outstanding bonded indebtedness of all the states, has been incurred for highway projects, according to a nation-wide survey of state debts and securities just completed by The Bank of America, New York. Another twenty per cent of the aggregate represents bond issues for waterways and harbor improvements.

The construction of highways and bridges is by far the leading single purpose for which the outstanding debts were incurred, the statistics show, the total of \$367,687,100 in highway bonds representing 34.3 per cent of the entire indebtedness of the states. These figures are further significant. The Bank of America points out, when it is remembered that the development of state highway systems is comparatively recent and that a large proportion of these sums has been doubled by Federal aid. And yet for all this highway development vital to our life and commerce the per capita state debt is only about three and a half dollars.

Among the noteworthy highway systems financed by large bond issues now outstanding are those of California (\$55,000,000), New York (\$100,000,000), Oregon (\$81,700,000) and Pennsylvania (\$50,000,000). Five other states, Illinois, Maryland, Massachusetts, Michigan and West Virginia have bonds for more than ten million dollars issued for highway purposes.

Waterways and harbor improvements—the development of port and canal facilities—come second in the list of purposes of state indebtedness with a total of \$213,891,400. This includes the \$154,800,000—the largest individual item in any classification—with which New York state has been financing its great canal projects. Other developments in this group are: California, \$13,084,000 for the improvement of the har-

bor at San Francisco; Louisiana, \$12,500,000 for canals and \$18,489,400 for the work of the state port commission, including \$2,600,000 for the port of New Orleans; Maine, \$650,000 for the state pier loan; Massachusetts, \$12,333,000 for port of Boston and other harbor improvements; and Rhode Island, \$76,000 for harbor work.

Other physical improvements, including the \$83,775,162 spent by Massachusetts on the transit, water, sewer and park systems of the metropolitan district, represent 9.5 per cent of the total debt. With public buildings paid for by 1.9 per cent, it is significant that actual physical improvements represent fully 65.7 per cent of the indebtedness and probably more, as some are undoubtedly included in each of the other classifications.

CAST IRON PIPE PRODUCTS SHOW DROP IN VALUE

The Department of Commerce announces that the census reports show a decrease in the value of products of establishments engaged primarily in the manufacture of cast-iron pipe during the year 1921 as compared with 1919. In 1921, 68 establishments reported products amounting to \$43,599,469, as compared with 59 establishments having products valued at \$50,235,101 in 1919, a decrease of 12.6 per cent in value of products.

Notwithstanding the decrease in value of products, which was accompanied by decreases in the number of persons employed, in the amount paid during the year for salaries and wages, and in the cost of materials used, there was an increased number of establishments, and the tonnage output was greater in 1921 than in 1919. There were 7 new establishments reported, and 3 establishments which were assigned to another industry classification at the previous census reported cast-iron pipe as their chief product in 1921.

Of the 69 establishments reporting in 1921, 25 were located in Alabama; 8 in New Jersey; 7 in Pennsylvania; 6 each in New York and Ohio; 3 each in Tennessee and Virginia; 2 each in Indiana and Massachusetts; and 1 each in California, Georgia, Illinois, Indiana, North Carolina, Oregon, and Wisconsin. Alabama, the leading state in the industry in 1921, produced 35.2 per cent of the total value of products in that year.

In November, the month of maximum employment, 13,895 more persons were reported, and in January, the month of minimum employment, 10,183; the minimum representing 73.3 per cent of the maximum. The average number employed during the year was 12,428 in 1921 as compared with 12,652 in 1919. A classification with reference to prevailing hours of labor in the establishments in which employed shows that for 1921, or 9.8 per cent of the total (average) number of wage earners the prevailing hours per week were 41 or less; for 1601, or 12.9 per cent, the hours were 48 per week for 5629, or 54.4 per cent; 4; and for 3478 or 28 per cent, from 54 to 60.

The returns indicate that the combined output of all establishments was approximately 52.5 per cent of the maximum capacity, based upon a demand requiring full running time. The percentage of output of individual establishments ranged from 5 to 100 per cent of the maximum capacity.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

To obtain for the typical small community in America a hospital building which is at the same time efficient in arrangement and creditable in architecture, a leading journal in that field, the *Modern Hospital*, has recently issued the formal program of prize competition, open to all architects. Prizes amounting to \$1000 are to be given to successful contestants, and although certain definite requirements are set forth in the program, the avowed intention of the competition is to bring out new thought in hospital construction. The Illinois chapter of the American Institute of Architects, to which the general program of the competition was submitted, has approved it as to form and method of procedure. Richard E. Schmidt, of the firm of Richard E. Schmidt, Garden & Martin, of Chicago, is the architectural adviser. The jury of award is to be composed of two architects, two hospital superintendents and a graduate nurse who has had experience as superintendent of a small general hospital. Official announcement of the competition was made at the recent annual conference of the Am. Hospital Assn. held in Atlantic City, N. J., September 25-28. Three cash awards of \$500, \$200 and \$200 and two honorable mentions are to be given. The prize-winning drawings, according to the rules of the contest, become the property of the publishing company, but the author is not prohibited from making any individual use of his designs. The competition calls for a set of plans of a general hospital from thirty to forty beds, consisting of the contest must be taken place on or before November 15, 1922, and the final date for submitting designs is January 15, 1923. The general program of the contest may be had by addressing the Chicago office of the *Modern Hospital*, 22 East Ontario Street, Chicago, Ill.

United States Attorney George Springmeyer has announced an investigation into building operations in Reno, Nevada, has been started to determine whether there have been violations of the Sherman anti-trust law. Complaints have been filed to the effect that illegal combinations exist in Reno in restraint of trade. J. H. Cahill, a mining operator, complained that after rejecting bids for the construction of a building to cost \$25,000 he attempted to negotiate with sub-contractors but this was halted by the builders. Cahill declares he was informed by men representing themselves as speaking for a builders' organization that unless he patronized members of the organization he would be boycotted by labor organizations. The United States Attorney states he has received several complaints from Reno and has advised that the organization of builders had prevented erection of buildings by certain contractors and had refused to install materials purchased from outside agencies because they had not been paid commissions. Some contractors had complained they had been deprived of contracts after owners had been threatened with trouble. Attorney Springmeyer states all evidence secured will be submitted to the Federal Grand Jury. For more than a year allegations have been current of an illegal combination of contractors and mechanics in Reno, for the purpose of maintaining high building costs. Latest reports from Reno are that the federal county building at Elko, with headquarters in Reno has appointed a committee of three to cooperate with the authorities in sifting the charges.

Following the suggestion of Secretary of Commerce, Hoover, the metal lath manufacturers are preparing to cut the excess varieties out of their long list of metal lath products and reduce them to a minimum. A preliminary meeting was held with Wm. A. Durgin of the Department of Commerce on October 2 in Washington and a formal meeting has been arranged for December 12 at which manufacturers, representatives, architects, planners, contractors and dealers will be invited to a joint conference. W. B. Turner, of the General Fireproofing Co., is chairman of the Industry Committee on this matter and Wharton Clay, Commissioner of the Associated General Lath Manufacturers, is secretary.

The city trustees of Visalia, Calif., in an effort to side-step an "open shop" war have amended the city ordinance relating to plumbing and pipe-laying qualifications so as to permit outsiders coming into Visalia and doing such work instead of making it compulsory for them to have places of business within the city. This action was taken when union plumbers refused to undertake work on a home being erected in West Center Street, the structure being of the ready-cut type built by a Los Angeles non-union concern. Under the amended ordinance work on the structure will proceed, a Los Angeles contractor having obtained a permit to do the plumbing work.

Oakland is participating to the fullest in the greatest building boom in the history of the United States. During the past ten months Oakland has constructed more than twice as many dwellings as were constructed during the same period last year. The building permits issued between January and October of this year total \$17,396,056, aggregating more than five million in excess of the same period in 1921. Of the months of this year, the greatest was June when 773 permits were issued for a total of \$3,045,518. This was the biggest month in ten years, according to estimates. In 1921, 533 permits were issued calling for an expenditure of \$1,486,022.

Plans for a \$6,500,000 concrete bridge across the bay at Coyote Point are announced by Colonel F. E. Webb, of the Benschel Engineering Company of New York. The structure will be financed by the Benschel Company and the Keystone State Construction Company, and will be operated as a toll bridge. Application will be made immediately in San Mateo and Alameda Counties for a franchise to construct the bridge. The application will contain a provision that the counties may purchase the structure at any time they desire. It is proposed to start work in February, 1923, and complete operations in September, 1924.

Portland, Ore., twenty-fifth in point of population in the United States, was nineteenth in volume of building for the first nine months of this year, according to figures compiled by the American Contractor, Building statistics for Portland for the nine months period are given as \$18,548,140. Los Angeles and San Francisco are the only cities on the Pacific coast which exceed Portland, the permits for the former city for the nine-month period aggregating \$59,315,053 and for San Francisco \$35,546,783.

The plant of the California Pine Box Distributors at San Jose suffers \$50,000 fire loss on October 20. The company acts as selling agent for over 25 mills and operates plants in all the principal fruit centers in the State.

California Wire Cloth Co. of Orange, Calif., has opened a distributing office and warehouse at 635 Second street, San Francisco, under the management of C. C. Loughery. The company manufactures weatherproof wire and cable

Faced with a shortage of mechanics in some of the more important crafts of the building trades, directors of the Valley Industrial Ass'n, of Fresno, plan a \$10,000 industrial school to give extensive training to apprentices in the plasterers' craft. The school may be extended to include the training of bricklayers and plumbers. The school was decided upon after it was found that several building projects were being deferred due to labor conditions.

The Patterson Chamber of Commerce Stanislaus County, is conferring with Wisconsin and Michigan interests regarding the establishment of a milk condensary. An option has been taken on the plant of the Western Meat Co., and if the project goes through a considerable amount of machinery will be installed.

The Alameda County Supervisors in a communication to Colonel Herbert Deakne, U. S. Engineer of Rivers and Harbors in this district, announce their intention of calling a bond election next Spring to provide funds to finance construction of a tube or bridge across the Oakland Estuary at Webster Street. Request is made of the War Department to postpone its order requiring the removal of the present bridge by July 1, 1923.

The McCormick Steamship Company has been organized as an independent concern instead of an auxiliary to the C. R. McCormick Lumber Company.

Western Loan and Building Co., of Salt Lake City, opens branch offices in Santa Cruz. Walter B. Cox, of the Cox Electric Co., Santa Cruz, is interested.

The National Motor Bearing Co. has leased the building at 1699 Pine street, San Francisco, and will engage in the manufacture of die cast white metal and bronze bearings for bearings for original installation and replacement applications. The company proposes to turn out a line of motor bearing shims in addition to the bearings. L. A. and A. S. Johnson operate the business.

The Geo. A. Gray Co., manufacturers' representatives and jobbers in electrical supplies, have opened a salesroom and warehouse at 910 Howard St., San Francisco.

Hunter's Wharf, on the Alameda side of the Oakland Estuary, has been purchased by the Hogan Lumber Co. of Oakland, according to Edwin M. Tilden, president of the firm. In addition to the wharf, which is 354 feet long, one and one-half acres of land in Alameda, adjoining the wharf, have been purchased. The consolidation is announced at \$60,000.

Auditorium Committee of the Sacramento City Council will call a special meeting to consider sites and estimates of cost for a municipal auditorium. H. W. Faneck is chairman of the committee.

M. M. Moffitt, formerly chief clerk of the purchasing department of the So. Pacific Co., has been promoted to assistant purchasing agent of the company, with headquarters at Portland, Ore.

"Los Angeles has now under way, or under construction, in the aggregate more construction than the combined cities of New York, Chicago and San Francisco." Such is the statement of Assistant Secretary Henning, of the U. S. Department of Labor in a dispatch from Washington to the Detroit Free Press.

ALONG THE LINE



H. G. Cotton, San Francisco landscape engineer, has been commissioned to prepare plans for laying out the grounds of the new Hanford High School buildings at Hanford which were erected at a cost of \$450,000.

Articles of Incorporation of the Marysville Brick Co. have been filed with the Secretary of State. Company is capitalized at \$10,000 with the principal place of business at Marysville. Directors are: E. A. Hunn, I. C. Evans, J. B. Wood, C. N. Marders, L. E. Hite, L. A. Williams, J. Robinson, H. Shein and E. E. Bryan.

The Contra Costa County Builders' Exchange has adopted resolutions condemning the State Housing Referendum on the November ballot. The exchange believes that the bill is class legislation and the members plan an active campaign against the measure.

Jacinto Irrigation District in Glenn County plans drainage improvements costing \$100,000.

Washington Iron Works, Seattle, Wn., will construct \$90,000 new gray iron and steel foundry building in Sixth avenue. Will be 660 by 130 feet.

Clinton Construction Co. of California, announces the removal of its offices from 140 Townsend Street to 123 Folson Street, San Francisco.

Los Angeles and Salt Lake Railroad granted permission by Interstate Commerce commission to construct 32 miles of railroad from Lund to Cedar City in Utah at a cost of \$798,000. The line will tap deposits of iron ore.

Stanford Engineers, Inc. of Palo Alto, have filed articles of incorporation with the Secretary of State and will engage in a general engineering business with a capitalization of \$50,000. Directors are: Wm. W. Tamplin, Wm. Hood, Vance M. Brown, Ivan Redeker, J. B. Balcomb.

In the first seven months of the operation of the Redding, Calif. municipal lighting system, the net profits were \$15,319.17.

Sacramento contractors are planning to be in Marysville Nov. 4, to attend the annual goose stew to be given by the Marysville Builders' Exchange.

MUNICIPAL STREET RAILWAY IN TOKIO

The municipally owned and operated street railway of Tokio, Japan, has a total mileage of 1758 and carries an average of 1,057,633 passengers daily. The railway has been operated since 1911.

RAILROADS IN CANADA

The total railway construction in Canada, which was some 2300 miles at the time of confederation, and had risen to some 17,000 miles by 1897, has increased to more than 40,000 miles, not including sidings or double trackings.

Arrangements For Thirteenth American Good Roads Congress Being Perfected

An organization, insuring conditions that will be as nearly one hundred percent perfect as possible is being formed by the American Road Builders' Association to handle the arrangements for the Thirteenth American Good Roads Congress and Fourteenth National Good Roads Show, to be held in Chicago, January 15 to 19, next.

While most of the important features of last year's show will be retained, many new and novel features will be added. The program for the congress has been revolutionized and instead of holding the sessions at the Chicago Coliseum where the show will be housed, they will be held at the Congress Hotel. It is believed that this will insure a better attendance at each session while the show will continue without interruption. All the noises heretofore so disturbing to the speakers and convention delegates.

Almost immediately following the last congress and show the American Road Builders' Association revised its constitution and by-laws to some extent and elected new officers and directors. Thomas J. Wasser, the new president, appointed to the Executive Committee Chas. M. Upham, state highway engineer for North Carolina, Jas. H. MacDonald, consulting highway engineer, New Haven, Conn. and treasurer of the road builders' organization, and J. H. Cranford, of the Cranford Paving Company, Washington, D. C. E. L. Powers, secretary, became ex-officio a member. Meanwhile exhibitors at the last good roads show perfected the Highway Industries Exhibitors' Association, with headquarters in Chicago, for better cooperation in making the next show a greater success than any held heretofore.

The Executive Committee of the A. R. B. A. created a special Convention and Show Committee to have supervision of all arrangements for both of next year's events, consisting of C. M. Upham, chairman, and James H. MacDonald, both representing the A. R. B. A., and S. F. Beatty, vice president of the Austin-Western Road Machinery Co., Chicago, and president of the exhibitors' organization. The gen-

eral committee has created a number of sub-committees on program, reception and hotel, entertainment, registration, exhibits, banquet, local press, transportation and general publicity. Each sub-committee will be composed of active members of the road builders' organization who have had experience with past expositions and conventions.

The Exhibits Committee has employed a professional director of exhibits and the Publicity Committee has employed an experienced publicity man as director of publicity. The director of exhibits will be C. W. Kelly, of Chicago, and the director of publicity will be T. S. Lee, of New York. Mr. Lee handled the publicity work for the 1921 and 1922 conventions and shows and Mr. Kelley has staged some of the biggest expositions in the country.

According to Chairman Upham, of the general arrangements committee, the chief difficulty will be in providing space for all the exhibits, though arrangements will be made for all the additional space that it is possible to obtain. "The program for the congress," said Mr. Upham, "as it is now being worked out, will be entirely different from any that we have had heretofore. Instead of avoiding controversial subjects as in the past, the program will consist of controversial subjects of vital interest to the whole road-building industry. This will help to arouse interest in the sessions and provide for interesting and informative oral discussions.

"The Highway Industries Exhibitors' Association," continued Mr. Upham, "is working in close touch with those in active charge of the arrangements. We expect to conduct a publicity campaign with more far-reaching effect and greater compelling force than any heretofore and I believe the attendance will break all records."

The general offices of the American Road Builders' Association have been moved from 11 Waverly Place, New York, to 37 West Thirty-ninth St., New York, and while the work of arranging for the congress and show, for the most part, will be carried on there, headquarters will be opened in Chicago at an early date.

LUMBER BUSINESS IS ACTIVE, SURVEY SHOWS

Tremendous traffic in lumber, scarcity of cargo carriers in the coast-wise service, congestion at terminals with shortage of cars, all give evidence of prosperity prevailing in California, according to J. M. Daily, manager of the marine department of the San Francisco Chamber of Commerce.

The huge volume of building operations throughout the territory in which San Francisco serves as the distributing point, is shown by Daily's analysis of cargoes handled across the wharves of this port.

Lumber shipments from all points, including Oregon and Washington to California ports by water and interior places by rail, to date amount to 636,267,000 feet.

Lumber operators, visualizing the rush of business, declare all yards in the San Francisco area are kept busy. Enormous shipments are going forward to interior points in the San Joaquin and Sacramento valleys.

Just a glimpse of the demand for lumber is conveyed by the statement of a statistician who says one purchaser obtained 300 carloads of lumber for a single development project within the San Francisco trade territory.

Daily's survey reveals that lumber receipts from Oregon and Washington,

during the first eight months of 1922 are practically double the receipts from the same ports during the corresponding period of 1921.

The lumber receipts from Oregon and Washington for the first eight months of 1922 amounted to \$44,220,000 feet. The 1921 shipments were only 174,331,600 feet.

The trend of operations, building, shipping and otherwise is shown by the figures. During the first six months the Oregon and Washington column carries receipts of 270,723,000 feet. July added 47,137,000 feet. August receded, the shipments amounting to 26,340,000 feet. September again was strong, with 39,166,000 feet and the first three weeks of October show 36,295,000 feet.

Lumber shipments by water from California coast ports, including the first three weeks of October, total 129,248,000 feet. For the first six months they amounted to \$1,319,000 feet. July added 6,576,000; August, 17,355,000; September, 14,570,000 and thus far in October the receipts are 9,416,000 feet.

Lumber receipts from interior points by rail for the first six months were \$7,164,000 feet. July added 7,912,000; August, 7,895,000; September, 7,865,000 and three weeks of October, \$10,490,000.

PAVING PATENT UPHELD

Reprint From Oregon Voter

Immense costs of litigation plus hundreds of thousands of dollars in royalties—in all a bill which may exceed \$300,000—is what will have to be stood by the state highway fund of Oregon as a result of demagogic agitation against paving anything for the right to use patent paving. This \$300,000 might have been expended for miles of paving and roadbed construction had it not been wasted in this silly attempt to overturn a patent that had been held valid by the highest federal courts every time its validity had been brought before them as an issue to be decided.

For years these demagogic politicians and newspapers have been making capital out of fighting patented paving. They all admitted the paving was a superior paving, but grounded their opposition upon the fact that a royalty would have to be paid for its use. Candidates for the legislature and county offices have been elected simply because they talked so virulently against paying for the use of a patent that their constituents became persuaded that a property right in a patent was something entirely different morally than a property right in a bond or piece of land. When in office, such candidates usually wasted taxpayers' money, but they covered their waste by their strident denunciations of the Warren paving people as owner of the hated patents.

Several newspapers throughout the state forgot pretty much everything else in the way of local issues in order to devote their editorial and news columns to attacks upon patent paving. Foremost among these, Portland Telegram, wrought itself into a condition of perpetual hysteria on the subject. It went to the extremity of assassinating the characters of legislators who had the courage to defend paving patents as property the same as other patents or other property, and succeeded in discrediting them by its slanderous assaults.

In Oregon we have a state highway commission which in quality of personnel is of the highest rank—the foremost men of the state in personal integrity and demonstrated business success are and have been its members—and this highway commission contracted for miles and miles of patented paving, giving it the preference at an equal price in competition with unpatented pavements of supposedly equal quality. The agitation was carried to the point of attempt to destroy the character of individual commissioners. There seemed to be no limit to the hysteria of defamation.

Year after year the legislature refused, by ever-decreasing majorities, to enact legislation directed against patent paving. But as men of courage were retired on this issue, and demagogues elected to replace them, it was only a matter of time before the majority would be the other way. This came about three years ago. Shortly before the paving patent expired, and legislation was enacted directing the attorney general and the state highway commission to use the type of paving regardless of the patent and fight the patent in court in order to avoid payment of royalty. With this legislative direction there was nothing for the highway commission to do if it desired to use this superior type of paving but to use it and fight the patent.

In this way the issue was brought into the federal court.

In defiance of this patent right, the state contracted for about 1,200,000 yards of the patented type of paving, and entered into contract with the contractors to protect them from infringement suit. This was according to the legislature's instruction.

Prior to that time, millions of yards of this same type of patented paving had been contracted for by the highway commission on a competitive basis—type against type, with price considered in proportion to quality. The matter of royalty did not enter into the award—that was fixed after open bidding on a competitive basis. It was a matter of common knowledge that the competition was so keen that the amount of royalty figured in the price was only ten cents a yard.

But with defiance of the patent and use of it regardless of its proven standing in court, the patentee was in a position to sue for his full royalty of 25 cents a square yard—which on 1,200,000 square yards amounts to \$300,000. The test suit was brought against one contractor only, and covered only 75,000 yards. Judgment for the full 25 cents a yard was awarded by the federal district court, the opinion being handed down by Federal Judge Robert S. Bean.

This opinion shows that the opposition to the patent through all these years had not a leg to stand on. Everybody who had studied the facts knew that this was the case, but the agitation was kept up regardless of the facts. No decision could be more sweeping in its denial that there was any real justification for having brought the case into court at all.

This decision, except for the appeal with its inevitable result, is the end to an agitation which has torn the state for years—except that the bill must be paid to the tune of several hundred thousands of dollars which otherwise might have been expended for much-needed road construction. It is an end that was inevitable from the start. At no time was there any real ground for the agitation, for the courts had sustained the patent time and again. The unfortunate thing about it, aside from the reputations wrecked by demagogic newspapers and the wasteful acts by incompetent officials, is that the final huge cost must be paid out of the highway fund instead of from the property of those who prospered by a wicked agitation.

The decision by Judge Bean is brief. Its full text follows:

FULL TEXT OF OPINION

"I have at great labor carefully examined the elaborate record and briefs in this case and am satisfied the plaintiff is entitled to the relief demanded.

"The patent in suit was issued in May, 1903. The pavement therein described has been extensively laid throughout the United States and proven a commercial success. The validity of the patent has been contested in practically every state in the Union and with few if any exceptions has been upheld. It was held valid by the Court of Appeals of the Sixth Circuit after a strenuous contest, Judge Lurton writing the opinion in Warren Brothers vs. City of Owosso (166 Fed. 309), the Court of Appeals of the Second Circuit in Warren Brothers vs. New York (187 Fed. 335), and by the District Courts of Alabama (Warren Brothers vs. Montgomery, 172 Fed. 414), Michigan (Warren Brothers vs. Grand Rapids, 216 Fed. 364), Pennsylvania (Warren Brothers vs. Evans, 234 Fed. 657), Ohio (Warren

Brothers vs. Pace, 247 Fed. 117), and New York (Warren Brothers vs. New York, 187 Fed. 832). Injunctions have been issued in many courts restraining the infringement of the patent and in only two or three instances, so far as I am advised, been denied and then for reasons not affecting the merits.

"The patent was recognized as valid by the defendant and by the State Highway Commission, the real party in interest, and many miles of pavement laid under license from the patentee upon which royalty was paid prior to the legislative act of 1919, providing that if in the opinion of the Attorney-General an alleged patent is invalid or of doubtful validity the State Highway Commission may, if it deems such patented material to be advantageous in the construction of a highway, use or contract for the use of same and indemnify and hold harmless any contractor as a result of such use. The question of the validity of the patent, in pursuance of this law, referred to the Attorney-General who reported that without further litigation he could not advise whether it was valid or not. The Highway Commission, therefore, contracted with the defendant for the laying of certain pavements and stipulated that it would indemnify and save him harmless against the use of a patented article, and hence this suit.

"The decision of courts other than the Court of Appeals of this circuit are, of course not binding on this court but they are strongly persuasive and when, as here, there is such a mass validity of a patent, judicial comity suggests that a trial court should not assume to declare them erroneous or hold the patent invalid unless for some defenses not before considered, sustained by clear and satisfactory proof. As said by Judge Dickinson in the Evans case, supra, referring to the patent now in suit:

"Independently of the merits of the question of the validity of a patent, there must come a time when that question must be deemed to have been settled, whether rightly or wrongly, nevertheless settled. If this be not so, rights evidenced by letters patent are no rights at all. All which can profitably be said upon the subject of the validity of this patent is embraced in the opinions accompanying rulings already made. * * * Such validity is supported by the prima facie findings of the patent office. It has confirmation in a judicial experience so extensive that a mere list of the cases in which it has been litigated would unduly lengthen this opinion. This experience has embraced adjudications, not only in a number of the District Courts but in the Circuit Courts of Appeals in two different circuits and recognition in three other circuits supplemented by consideration in almost, if not quite a round dozen of applications for preliminary injunctions. Out of all of this judicial consideration, something in the nature of a settled establishment or denial of some definite rights must have resulted. What we find has resulted in the establishment of the validity of claims 5, 6, 9, and 11 of this patent beyond the reach of successful attack upon any grounds then litigated."

"The defenses made in this case of anticipation by prior uses, prior patents and literature and double patenting are the same as those involved in prior litigation either in fact or in kind. The evidence here does not show anything substantially new in respect thereto, or

any reasons why the conclusions of such courts should not be followed.

"The pavement of McGovern Alley in Denver, principally relied upon, and the Pittsburg pavement, were held by Judge Dickenson in the Evans case, supra, not to anticipate the Warrens' patent. Washington pavement, in all substantial respects the same as the one urged here, was rejected as anticipation in the Montgomery and New York cases. There is nothing, as far as I can see, in the evidence concerning South Omaha and Hamilton pavement to anticipate or invalidate the plaintiffs' patent. The alleged prior patents and literature contain nothing new in kind from what was before the courts in the other litigation. The defense of double patenting is the same as that previously laid by the Owens and New York cases. All these matters have been carefully considered by able courts, after protracted and painstaking litigation and nothing could profitable be added to the discussion.

"The defense of non-infringement is not made out. The pavement laid by the defendant under his contract with the State Highway Commission and involved in this suit are in all particulars the same as that previously laid by him and the Highway Commission upon which royalties were paid and in my opinion are clearly infringements of plaintiffs' patent.

"There is no dispute as to the yardage, 74,511.8 yards, and the evidence shows beyond question that twenty-five cents a yard is a reasonable royalty.

"Decree may be prepared accordingly."

OPENINGS FOR ENGINEERS IN U. S. COAST AND GEODETIC SURVEY

The U. S. Civil Service Commission, Washington, D. C., states that there is urgent need for eligibles to fill positions of junior engineer and desk officer under the United States Coast and Geodetic Survey, and that an examination for such positions will be held on December 13-14. A prerequisite for consideration is that applicants shall have completed at least 21 years of a course in civil engineering leading to the degree of B. S. or C. E., in a college, university, or technical school of recognized standing. Graduation with one of these degrees will be required before appointment. The usual entrance salary is \$2,000 a year, in the temporary grade of junior engineer and desk officer. Vacancies in the various commissioned grades are filled by promotion, after six months' satisfactory service. An act of Congress provides that the Commissioned personnel of the Coast and Geodetic Survey shall at all times receive the pay and allowances, including longevity pay and all retirement privileges, of the officers of the Navy with whom they hold relative rank.

STONE TUFF HOUSES FOR SILESIA FAMILIES

A new building material is now being used on an extensive scale in Germany, Silesia, according to the London "Times" correspondent at Oppeln. This consists of stone turf.

Strips of turf are arranged within a wooden framework and solidified by means of cement and chalk. The turf is then hardened into a sort of stone, a four-centimeter plate of this material being tougher than a brick wall.

The new building material has the advantage that much less wood molding is required than in the case of concrete and that the stone turf is superior in insulating qualities against heat and damp. Stone-turf houses are 40% cheaper than those built of any other material.

\$4,800,000 FRESNO COUNTY HIGHWAY FUND IS EXHAUSTED

Officially the Fresno county highway bond issue of \$4,800,000 voted in 1919 is exhausted with the completion of improvement of more than two hundred miles of road under the direction of County Surveyor Chris P. Jensen.

In a report filed with the board of supervisors, a working balance of \$16,038.32 October 1 is shown. It is understood that bids called for and contracts let since the first will exhaust that sum.

As yet about 60 miles of highway, outlined in the road building program under the bond issue, have not been built. To supplement the bond issue a direct levy of a 4¢ cent tax was made by the supervisors this year to complete a portion of the unbuilt road. Another direct tax will be levied next year to finish the highway system.

Hoists and bridges built under the bond issue to date have cost \$5,281,161.19, according to Hogue's report. On October 1 there was a balance of \$552,053.28 in the fund, less outstanding warrants amounting to \$83,607.71 and contracts payable in the sum of \$452,407.25.

Forty six highway paving contracts were let under the bond issue costing \$4,200,926.87. Of this sum, \$3,737,723.03 has been paid and \$443,193.84 is due. There were 32 bridge contracts let at a cost of \$329,207.85, of which \$223,994.44 is paid and \$9,213.41 yet due.

Included in the road building plan under the bond issue was the reconstruction of the Toll House road at a cost of \$115,602.59, and other mountain roads.

The Hamilton lake work cost \$22,507.48; the Auberry-Hig Creek road \$94,334.40; the San creek road \$45,164.69; the San creek cut-off, \$1,323.65; the Dunlap road, \$8,142.32; the Coalina lateral, \$32,696.48.

Highway maintenance cost \$15,553.27; overhead, \$55,140.71, and equipment, \$6,814.22.

Members of the board of supervisors are on record as being in favor of completing as much of the county highway system as possible under the available funds. Contracts for roads to be built this year under the special highway fund are being let as soon as plans and specifications are completed.

RESULTS OF TESTS ON CLAY SEWER PIPES AVAILABLE

The engineering press during the last thirty days has commented upon the exhaustive series of tests on jointing materials for vitrified clay sewer pipes which were conducted by Prof. S. E. Dibble of the College of Industries of Carnegie Institute of Technology, Pittsburgh, Pa.

One main fact stands out as a result of the twenty-one tests, and that is that vitrified clay pipe can be jointed and the joints can stand a pressure of 16 pounds without showing any leaks provided a compound is used similar to those mentioned in this report. The following practice should be used when pouring compound:

First—Packing such as oakum or putty must be used and caulked into the annular space to act as a packing and to hold the molten compound into the annular space until it has thoroughly set.

Second—A joint runner must be used when the pipe is in a horizontal position. This joint runner may be of the metal flexible type or asbestos rope type or may be made of clay that is sometimes found on the job. The joint runner must be perfectly tight so as to hold the compound and not allow it to run outside into the ditch.

Third—The compound must be poured when it is very hot and runs like water.

Fourth—A pouring device or ladle should be used that is large enough to fill the annular space in one pour.

Fifth—The joint runner should not be taken off until the compound is set. This is a matter of probably four or five minutes.

These tests have proven that a line of pipe can be thrown out of alignment and the joint still be tight. The tests also proved that in case a leak developed in a compound joint that it could be readily fixed and made tight by the application of heat and added material. With reasonable care such as would be given by a careful hand layer there would be no possibility of a leak in any joint, provided the joint was first packed with one strand of oakum and the compound poured while it was very hot.

These tests have been put in pamphlet form together with a series of tests conducted by the Bureau of Surveys of the City of Philadelphia, Pa. The pamphlet may be obtained from the Clay Products Association, 133 W. Washington St., Chicago.

PACIFIC COAST BUILDING SUMMARY FOR SEPTEMBER

Reports covering building construction activity in 192 American cities for the month of September record no sharp let-down in fall construction as has been noted for several years past at this time.

According to an exhaustive survey of conditions obtaining completed by the American Contractors Association of Chicago, there were 57,325 building permits issued by the reporting cities during September valued at \$205,750,795. This is a 34 per cent gain over the total given for September, 1921. The lull from the August record volume is about 6 per cent and this is considered a gratifyingly small figure.

Building permits issued during September of this year in Pacific coast cities follow:

	1922	1921
Seattle	\$ 1,315,820	\$1,354,430
Tacoma	316,211	304,090
Portland	1,521,005	1,789,195
San Francisco	2,951,858	2,100,163
Oakland	1,789,439	1,478,739
Los Angeles	10,267,891	8,302,665
Long Beach	1,317,438	822,675
San Diego	1,061,510	657,081

STONE QUARRY ACCIDENTS IN 1921

Accidents at some stone quarries throughout the United States in 1921, resulted in the death of 100 employes and the injury of 10,465 others, according to figures compiled by the U. S. Bureau of mines. The average number of men employed in quarries was 77,185 who worked a total of 17,987,547 shifts, an average of 233 work days per man. Based upon a standard year of 300 days, producing state, the number of persons employed and the number of accidents in each were: Pennsylvania, 14,994 employes, 1914 accidents; Ohio 4579 employes, 726 accidents; Indiana 4434 employes, 602 accidents; New York 4257 employes, 827 accidents; Vermont 4130 employes, 361 accidents; California 3,719 employes, 684 accidents; Illinois 2341 employes, 515 accidents; and Missouri 3079 employes, 415 accidents. Most of the accidents inside the quarries were caused by handling rock at face, flying objects, falls or slides of rock, haulage, and Machinery. At the outside rock-dressing plants and crushers, the main causes of accidents were flying objects, machinery, falling objects, hand tools, and falls of persons.

The Idaho Central Railroad Co., backed by the Western Pacific, will complete, within a year's time, ninety miles of railroad to connect Twin Falls, Idaho, with the W. P. and S. P. lines at Wells, Nevada, according to an announcement of Conrad Wolfley, presi-

Building News Section

APARTMENT HOUSES

Sub-Figures Being Taken.
APT. HOUSE. Cost, \$50,000
SAN FRANCISCO, N E Funston Ave.
and Lake St.
Three-story and basement frame and
plaster apt. house.
Owner—Kline and Krause.
Architect—Houghton Sawyer, Hearst
Bldg., San Francisco.

Plans To Be Prepared.
APT. HOUSE. Cost—
SAN FRANCISCO, S California between
Fillmore and Gough Sts.
Class "A" apartment house (80 rooms).
Owner—Ellias Rhine & Richard O'Brien.

Contract Awarded.
APARTMENTS. Cost, \$15,000
OAKLAND, Alameda Co., Cal E Bryant
Ave. 25 S Manila Ave.
Two-story 16-room frame apartments
Owner—H. D. and H. Monroe, 759 Central
Ave., Alameda.
Architect—Not Given
Contractor—Oakland & San Francisco
Imp. Co., Merchants' Exchange Bldg.,
San Francisco.

Contract Awarded.
APT. HOUSES. Cost, \$30,000 ca.
SAN FRANCISCO, W Hyde St. 100 and
137-6 S Geary.
Two 1-story and basement concrete
apartment houses (16 apts each).
Owner—Adolph Stock.
Architect—Henry Shermund, Hearst
Building.
Contractor—Edward Jose, 1173 Hayes
Street.

Preliminary Plans Being Prepared.
APARTMENTS. Cost, \$—
SAN FRANCISCO, S California Street
Near Gough Street.
Class A apartment house.
Owner—Ellias Rhine and Richard J.
O'Brien, 245 Montgomery St., San
Francisco.
Architect—A. W. Burgren, 110 Sutter
St., San Francisco.

To Be Done By Day's Work.
APARTMENTS. Cost, \$10,000
SAN FRANCISCO, S Balboa 133 W 14th
Avenue.
Two-story and basement frame (4)
apartments.
Owner—P. Midbust, 177 Caselli Ave.

Plans Being Prepared.
APT. HOUSE. Cost, \$250,000
LOS ANGELES, L. A. Co., Cal., Cahuenga
Ave. and Yuca St.
Four-story and basement class "C"
brick apt. house 100x160.
Owner—Leach Cross.
Architect—Walker & Eisen, Pacific Fi-
nance Bldg., L. A.

Contract Awarded.
APARTMENTS. Cost, \$23,000
OAKLAND, N E Park Blvd and Wel-
lington.
Two-story 24-room frame apartments.
Owner—John McIntyre, 1601 7th St.,
Oakland.
Contractor—Tornell & Son, 351 12th St.,
Oakland.

Segregated Figures Being Taken.
APARTMENTS. Cost, \$—
SAN FRANCISCO, S Jackson — E
Franklin.
Five-story and basement steel and re-
inforced concrete apartment house
(6 6-room apts. with basement
garage).
Owner—Edgar Brownstone.
Architect—Bliss & Faville, Balboa Bldg
San Francisco.

To Be Done By Day's Work.
APARTMENTS. Cost, \$18,000
SAN FRANCISCO, S E Anza & 9th Ave.
Three-story and basement frame (6
apartments).
Owner—Chas. E. Ellis, 1011 Lake St.

Low Bids Under Advertisment.
APARTMENTS. Cost, \$25,000
BERKELEY, Alameda Co., Cal., North-
brae.
One-story addition to present 1-story
store bldg., for 4 apartments.
Owner—Mrs. P. Hartzig.
Architect—W. H. Ratcliff, Jr., 1st Natl.
Bank Bldg., Berkeley.
Low Bidder—Walter Sorenson, 3219 El-
lis St., Berkeley.

To Be Done By Day's Work.
APARTMENTS, ETC. Cost, \$40,000
SAN FRANCISCO, Hyde St., near Gol-
den Gate.
Two-story and basement Class B rein-
forced concrete printing plant and
apartment house.
Owner—Louis H. Laurie.
Architect—O'Brien Bros., 240 Mont-
gomery St., San Francisco.

To Be Done By Day's Work.
APARTMENTS. Cost, \$14,000
SAN FRANCISCO, E STEINER 26 N
1st St.
Two-story & basement frame (6) apts.
Owner—M. Stein and J. Halpern.
Architect—C. O. Clausen, Hearst Bldg.

SEATTLE, Wash.—Architect Emil
Guenther, Railway Exchange Bldg.,
Seattle, preparing plans for 3-story and
basement fireproof apartment house to
be erected for Wm. E. Humphrey at the
northeast corner of Second Ave. and
Blanchard St. Building will be 108x78
ft. and will contain 52 two-room, 16 3-
room and 11 4-room apartments. Est
cost, \$165,000.

BANKS

Figures to be Taken This Week.
ADDITION. Cost, \$20,000
SAN ANSELMO, Marin Co., Cal.
One-story brick addition to bank.
Owner—Bank of San Anselmo.
Architect—S. Heiman, 57 Post St., San
Francisco.

Figures to be Taken for a general
contract.

Preliminary Sub-Figures Being Taken
BANK & OFFICES. Cost, \$150,000
BERKELEY, Alameda Co., Cal. Shat-
tuck Ave. and Center St.
Addition to 5-story class "A" annex
to present bank and office bldg.
Owner—Mercantile Trust Co. (Roy T.
Douglas, vice-president).
Architect—Jas. W. Plachek, 2014 Shat-
tuck Ave., Berkeley.

Preliminary sub-figures are being
taken by H. McCullough, 1641 Allston,
Berkeley, superintendent of construction
for the bank.

TURLOCK, Stanislaus Co., Cal.—City
trustees will call election to vote bonds
of \$25,000 for sewage improvements.
Horace Hall, city eng.

SUSANVILLE, Lassen Co., Cal.—
Bonds of \$18,000 voted to purchase fire
fighting apparatus and installation of
fire alarm system.

BONDS

FOWLER, Fresno Co., Cal.—Chamber
of Commerce urges election to vote
bonds of \$15,000 for park improvements.

HEALDSBURG, Sonoma Co., Cal.—
Bonds of \$67,000 voted at recent elec-
tion to finance school improvements
for Healdsburg Grammar School Dist.

CLARKSBURG, Yolo Co., Cal.—The
\$75,000 bond issue of Clarksburg School
District sold by supervisors; proceeds
of sale will finance construction of
new school plans for which are being
compiled by Architect W. H. Weeks,
369 Pine St., San Francisco.

TRACY, San Joaquin Co., Cal.—City
trustees contemplate calling election to
vote bonds of \$125,550 to finance fol-
lowing improvements: Municipal water
works improvements, incl. water main
extensions, \$27,000; paving street in-
tersections, 15,500; sewage disposal
plant with effluent pipe line and sewer
main extensions, \$62,750; 11th St. sewer
extension, \$2600; firehouse, \$18,000.

SAN FRANCISCO.—Supervisors have
appropriated \$20,000 to finance im-
provement and purchase of equipment
for Margaret Hayward and Funston
Playgrounds.

STOCKTON, San Joaquin Co., Cal.—
Until Nov. 6 bids will be received by
supervisors for purchase of \$15,000 bond
issue of Manteca Union High School
District; proceeds to finance school im-
provements.

LOS ANGELES, Cal.—Harbor Com-
mission will soon call for bids for con-
structing new roadway on Harbor Blvd.
bet. 7th and 14th Sts., San Pedro. This
section will be 30 ft. wide and will have
6 or 8 inch concrete base.

MERCED, Merced Co., Cal.—Merced
Irrigation District sells \$1,883,933 worth
of bonds for premium of \$52,583; pro-
ceeds of sale to finance improvements
in the district. R. C. Starr, chief eng.

OAKLAND, Cal.—The Alameda Coun-
ty Supervisors in a communication to
Colonel Herbert Deakney, U. S. Engin-
eer of Rivers and Harbors of this dis-
trict, announce their intention of call-
ing a bond election next Spring to pro-
vide funds to construct a tube or
bridge across the Oakland Estuary at
Webster Street. Request is made of
the War Department to postpone its or-
der requiring the present bridge to be
removed by July 1, 1923.

DINUBA, Tulare Co., Cal.—Election
will be held Nov. 14 in Windsoor School
District to vote bonds of \$40,000 for
school improvements. Trustees of dis-
trict are: Andrew Winter, clerk; J. J.
Hilbert and F. S. Clifton.

SUSANVILLE, Lassen Co., Cal.—
Bonds of \$22,000 voted to purchase site
and erect new city hall. Site will cost
\$1500.

PITTSBURG, Contra Costa Co., Cal.—
City Council plans election to vote \$40,-
000 in bonds to finance construction of
municipal wharf.

REDWOOD CITY, San Mateo Co., Cal.
—Until November 6 bids will be re-
ceived by the Supervisors for the pur-
chase of \$180,000 bond issue of Jeffers-
on Union High School District; pro-
ceeds to sale to finance construction of
a new high school. John Reid Jr., 1st
National Bank Bldg., San Francisco, is
the architect.

HANFORD, Kings Co., Cal.—Election
will be held November 23 in Rustic
Elementary School District to vote
bonds of \$3,000 to finance school im-
provements.

HANFORD, Kings Co., Cal.—Elec-
tion will be held November 24 in Fad-
lock Elementary School District to
vote bonds of \$12,000 to finance school
improvements. Trustees of District
are: J. L. Downing, J. H. Smith and
Grace Overstreet.

CHURCHES

Contract Awarded.
CHURCH Cost, \$48,173
SAN MATEO, San Mateo Co., Cal.
Frame Sunday school department and social hall portion of church.
Owner—San Mateo Congregational Ch. Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—Leadley & Wiseman, 207 2nd St., San Mateo.
Other bidders were Barrett & Hilp, \$53,900; Lawton & Vezev, \$53,422; H. P. Nelson, \$56,540; Walter Murch, \$51,450.

MARYSVILLE, Yuba Co., Cal.—The First Methodist Church, recently destroyed by fire, will be rebuilt on a new site, according to Rev. H. McKay, Pastor.

FAIRFAX, Marin Co., Cal.—Construction of a \$10,000 church building to be known as the First Community Protestant Church will be started here shortly.

FACTORIES & WAREHOUSES

Plans Being Prepared.
LOFT BLDG. Cost, \$225,000
SAN FRANCISCO, N E Mission and Fremont Streets.
Four-story and basement reinforced concrete loft building, 137-6x137-6
Owner—Cebrian Company.
Architect—G. A. Applegarth, Claus Sorekels Bldg., San Francisco.
Contractor—J. J. Walker, Monadnock Bldg., San Francisco.

Completing Plans.
TERMINAL BLDG. Cost, \$500,000
LOS ANGELES, L. A. Co., 7th and Alameda Streets.
Four-story and basement reinforced concrete wholesale terminal building (additional unit)
Owner—L. A. Union Terminal Co.
Architect—John and Donald B. Parkinson, Title Insurance Bldg., L. A.

Contract Awarded.
CREAMERY Cost, \$24,000
OAKLAND, N E 22nd and Market St.
One-story brick creamery.
Owner—East Bay Creamery Co., 18th and San Pablo Ave., Oakland.
Contractor—F. A. Muller, Syndicate

Plans Being Prepared.
BUILDINGS Cost, \$—
SAN FRANCISCO, Second St. Between Bryant and Brannan Sts., 137-6x100
Two three-story reinforced concrete commercial buildings.
Owner—MacDonald & Kahn, 130 Montgomery St., San Francisco.

Contract Awarded.
FACTORY Cost, \$10,000
FRESNO, Fresno Co., Cal. Kern and Angus Sts.
Owner—Lisenby Manufacturing Co.,
Premises.
Architect—None.
Contractor—Trehwitt & Shields, 1819 El Dorado St., Fresno.

Figures to Be Taken This Week.
WAREHOUSE Cost, \$150,000
SAN FRANCISCO, W 2nd St. bet. Brannan and Townsend.
Six-story Class "B" reinforced concrete warehouse and loft bldg., 65x160.
Owner—Goodrich Rubber Co.
Architect—H. C. Baumann, 251 Kearny Street, San Francisco.

Contract Awarded.
REFINERY Cost, \$35,000
SAN FRANCISCO, N North Point 137-6x137-6
Brick sulphur refinery 137-6x137-6.
Owner—San Francisco Sulphur Co., 624 California St.
Architect and Contractor—P. M. Paulson, 624 California St.

Plans Being Prepared.
CANNERY BLDG. Cost—
OAKLAND, Alameda Co., Cal., First & Filbert Streets.
Reinforced concrete canning bldg.
Owner—California Packing Corp., 101 California St., S. F.
Engineer—Phillip L. Bush, 101 California St., S. F.

Contract Awarded.
FACTORY Cost, \$26,850
EMERYVILLE, Alameda Co., Cal., Powell St. bet. Doyle and Baudry Sts.
One and 2-story pressed brick factory
Owner—Great Western Meter Co.
Architect—Geo. Rushforth, California St., San Francisco.
Contractor—H. P. Nelson, 1947 Blake St., Berkeley.

The following sub-contracts have been awarded by the contractor:
Iron Work to Western Iron Works.
Meat Hook to Truscon Steel Co.
Electric Wiring to The Central Electric Company.

SAN FRANCISCO—A. Kohn, contractor, 180 Jessie St., has purchased a lot on the east side of Larkin St. bet. Eddy and Turk Sts. and plans to erect a 2-story concrete store and loft bldg.

Contract Awarded.
WORK SHOP Cost, \$17,272
SACRAMENTO, Sacramento Co., Cal. Front St. adj. No. 907.
Three-story building (work shop).
Owner—Latourrette-Fical Co., Seta.
Contractor—Wm. Murell, Ochser Bldg. Sacramento.

The other bidders were Betz & Mabrey, \$18,237; W. C. Keating, \$18,600; Herndon & Finnigan, \$18,875; H. W. Robertson, \$21,175; and McLaughlin & Co., San Francisco, \$20,900.

Plans To Be Prepared.
CANNERY BLDG. Cost—
MERCED, Merced Co., Cal., 23rd from P to R Sts. and 22nd bet. Q and R.
Large (prop.) cannerly buildings.
Owner—California Packing Corp.
Engineer—Phillip L. Bush, 101 California St., San Francisco.

Sketches Being Prepared.
BUILDING Cost—
SAN FRANCISCO, S W 7th and Folsom Streets.
Two-story and basement concrete bldg.
Owner—Louis R. Lurie.
Architect—O'Brien Bros., 240 Montgomery Street.

TURLOCK, Stanislaus Co., Cal.—Directors of California Peach and Fig Growers Ass'n plans addition to addition to cannery building at Turlock for use as storehouse.

SEATTLE, Wash.—Washington Iron Works, 1500 Sixth Ave., will erect a gray iron and steel foundry building, 160x130 ft. of steel frame, composition roof and gunite wall construction. Est. cost \$90,000.

RENO, Nev.—Reno Chamber of Commerce seeks movement to establish plant for manufacture of fertilizing products; plant with capacity of 10,000 tons per annum proposed, this to be enlarged when market is available to 20,000 tons.

PATTERSON, Stanislaus Co., Cal.—Chamber of Commerce conferring with Wisconsin and Michigan canning interests regarding establishment of milk condensary. Option has been obtained on plant of Western Meat Co. and new machinery will be installed. \$150,000 corporation will be organized headed by F. P. Schwingle, formerly of Patterson.

PORTLAND, Ore.—Until Nov. 2, 10 a. m., bids will be rec. by G. B. Hegardt, chief engineer, Commission of Public Docks, foot of Stark St., for fur and install on source supply sprinkler system in Pier Shed No. 1, Municipal Terminal No. 4.

EUREKA, Humboldt Co., Cal.—C. H. Steere, president Steere Manufacturing Co. of Filo Alto, redwood box manufacturers, is conferring with the Chamber of Commerce regarding the establishment of a box factory in this vicinity.

PORTLAND, Ore.—Architects L. R. Bailey & Co., Northwestern Bank Bldg., complete plans for one story reinforced concrete and stucco creamery building to be erected for A. C. Kendall at Rose-lawn and Union Aves.; 66x87 ft., est. cost, \$11,500.

MARTINEZ, Contra Costa Co., Cal.—Richard-Sanz, Daniel Ferry Co., has application with Contra Costa County supervisors for franchises to construct terminal on Castro Point, 1800-ft. north of its present pier.

VANCOUVER, Wn.—U. S. Molybdenum Metals Co., Ltd., has leased the yards of the Standifer Shipbuilding Co., at Vancouver and will erect a huge smelter and refinery to treat ores in the company's mining properties in the Port Lake district about 50 miles northeast of Vancouver.

SAN FRANCISCO—Healy-Tibbitts Co., 9 Main St., has made application to the Board of Public Works for permit to explode blasts to grade property at the northeast corner of 2nd and Harrison Sts. Definite decision as to the improvements proposed on the site have not yet been determined.

FIREHOUSES AND JAILS

FL CERRITO, Contra Costa Co., Cal.—G. A. Pearson, at 1010 Summit Ave., bid to city trustees to erect firehouse. Taken under advisement.

STOCKTON, San Joaquin Co., Cal.—City Council will provide funds in the next budget to construct a fire house in North Stockton.

TILLOCK, Stanislaus Co., Cal.—City trustees will purchase American La France fire engine with equipment.

FLATS

Contract Awarded.
FLATS Cost, \$12,000
SOUTH SAN FRANCISCO, San Mateo Co., Cal., Maple Ave. bet. Grant and Belden Aves.
Two-story reinforced concrete flat bldg and 4 garages (4 3-room flats).
Owner—Judge E. E. Cunningham, 350 E. Eden Ave., So. San Francisco.
Contractor—R. C. Suckle.

To Be Done By Day's Work.
FLATS Cost, \$12,000
SAN FRANCISCO, N E 3rd Ave. and Fulton Street.
Two-story and basement frame (4) flats.
Owner—N. J. Nelson, 245 19th Ave.

Plans Being Figured.
SAN FRANCISCO, Funston Ave. 25 S. Balboa.
Two-story frame and plaster flats (2) flats.
Owner—Dr. J. Y. Bartholomew.
Architect—H. C. Baumann, 251 Kearny Street, San Francisco

Contract Awarded.
FLATS & GARAGE Cost, \$10,000
OAKLAND, E Grove St. 60 N 61st St.
Two-story 12-room frame flats and 1-story tile garage.
Owner—Esther C. Carlson, 2822 Genoa St., Oakland.
Contractor—Johnson & Abdon, 530 13th St., Oakland.

To Be Done By Day's Work.
FLATS Cost, \$10,000
SAN FRANCISCO, E 5th Ave. 25 S Anza.
Two-story & basement frame (2) flats.
Owner—San E. Young, 656 Seventh Ave.
Architect—Edw. E. Young, 251 Kearny.

GARAGES

Plans Being Prepared.
GARAGE, ETC. Cost, \$4000
VALLEJO, Solano Co., Cal. Foot of Virginia Street.
One-story corrugated iron garage and repair shop, 50x150 feet.
Owner—City of Vallejo, Alf. E. Edge-cumbe, City Clerk.
Plans by City Engineer T. D. Kilkenny, Vallejo.

Working Drawings Being Prepared.
ALTERATIONS Cost, \$20,000
SAN FRANCISCO, Pacific and Van Ness Avenues.
Alter brick stable into garage.
Owner—A. A. Tiscornia.
Architect—August G. Headman, Call Bldg., San Francisco.

CERES, Stanislaus Co., Cal.—J. C. Vincent, Ceres, has started the erection of a one-story brick and concrete garage, 60x50 ft., at Fourth St., and the State Highway, Clifford Strait, tractor and auto dealer, will occupy the structure.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Bids will be asked by the Bureau of Yards and Docks in the immediate future to construct rein. conc. piers at the Naval Operating Station, Pearl Harbor, T. H. The work is provided for under spec. No. 4687 and involves the construction of two reinforced concrete piers, 18-ft. wide by 335 ft. long, incl. dredging and filling; pre-cast reinforced concrete piles, composite piles, reinforced conc. deck, timber and cross-tied timber pile tender system and cross-tied timber pile dolphins. For further information see official notice in this issue.

WASHINGTON, D. C.—Bids will be received until November 13th by the Supervising Architect in Washington, D. C., for painting plaster at the Winnemucca, Nevada, U. S. Post Office. See call for bids under Official Procurement.

WASHINGTON, D. C.—Bids are being received by the Bureau of Supplies and Accounts, Navy Department, for furnishing materials for navy yards; the date for opening bids as noted at end of each paragraph.

Schedule 232, for Mare Island, Calif., 1,190 adjustable pipe wrenches. Nov. 7

Schedule 235, f. o. b., 1 electric oven and soldering pot. Nov. 7.

Schedule 238, Mare Island, 4,000 gallons sulphuric acid. Nov. 14.

Schedule 239, Mare Island, 1 I beam crane, opening of Nov. 14.

Schedule 211, Mare Island, 1 universal milling machine. Oct. 31.

Schedule 242, various eastern and western yards, a miscellaneous quantity of brushes, various kinds. Nov. 14.

Schedule 252, Mare Island, 1 crank shape. Nov.

Schedule 253, Mare Island, 1 engine lathe. Nov. 7.

Schedule 254, Mare Island, 1,500 gallons spar varnish. Nov. 14.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, is preparing Specifications No. 4740 for elevator in pattern shop extension at Puget Sound, Wash., and for "cover for railroad track" at the Marine Barracks, San Diego, Calif. Requests for plans on the improvements should be accompanied by deposit of \$10.

WASHINGTON, D. C.—The Bureau of Yards and Docks has awarded a contract to R. E. Campbell at \$193,554.50 for a portion of the work under Specification No. 4667 for Training Station only, items 11-x to 15-x for the Administration building, mess hall wings, cook's barracks and brig, pump house.

Work at the Marine Barracks has not been awarded.

WASHINGTON, D. C.—F. H. Warren of Vallejo has been awarded a contract at \$19,595 by the Bureau of Yards and Docks in Washington for remodeling barracks building No. 53, at the Marine Reservation, Navy Yards, Mare Island, Calif., under Specification No. 4601.

PORTLAND, Ore.—Following bids received by U. S. Engineer Office for stone for construction of north jetty, Yaquina Bay, Oregon.

The Miami Quarry Co., 323 Worcester Bldg., Portland, Ore., \$154 ton for approximately 160,000 tons, accepted.

A. D. Kern, 519 Lumber Exchange Bldg., Portland, Ore., \$178 ton.

HALLS AND SOCIETY BUILDINGS

Plans Being Figured
MASONIC TEMPLE
FAPT Kerr Co. Cal.
Two-story brick and stucco Masonic Temple Bldg., 50x125.
Owner—Masonic Temple Association.

Architect—Orville L. Clark, Brower Bldg., Bakersfield.

Stucco exterior, composition roofing, steel columns and roof trusses, pine trim, hardwood and pine floors, composition lavatory floors and ornamental plaster.

Plans Being Prepared.
EQUIP BLDG. Cost, \$50,000
FRESNO, Fresno Co., J & Tulare Sts.
(Patterson Building)

Furnish and equip top floor of office building for club.

Owner—Sequoia Club.

Architect—Chas. E. Butner, Cory Bldg. Fresno.

Contract Awarded.
CLUB HOUSE Cost, \$15,000
INGLESIDE, S. F.

One and one-half-story frame and stucco club house with tile roof.

Owner—Lake Merced Golf & Country Club (H. J. Brunner, president).

Architect—Geo. Wm. Kahan and H. Thompson, associated, Sharon Bldg. Contractor—Taylor & Jackson, 290 Tehama St., San Francisco.

Date of Opening Bids Postponed to October 26th.

ADDITION. Cost, \$100,000
SAN FRANCISCO. N Oak St. W Van Ness Ave.

Three-story reinforced concrete addition adjoining present lodge bldg.

Owner—Young Men's Institute.

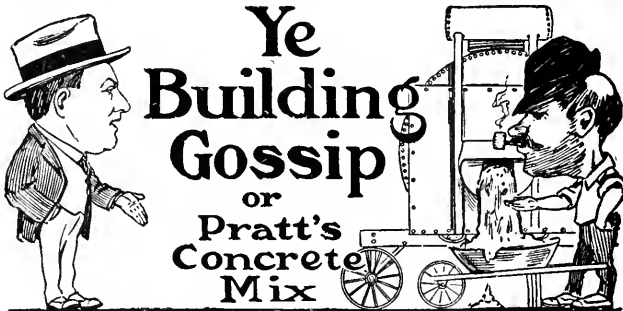
Architect—Shea & Shea, Chronicle Bldg. San Francisco.

Contracts Awarded.

LODGE BLDG. Cost, \$2255
"COURTLAND", Sacramento Co., Cal. NE

Bates Ave. and Riverside Drive.

Two-story frame lodge building.



BUILDING, Oct. 24, 1922—Golden sand from the old mining town of Shasta will be used in San Jose in mixing mortar for laying the cornerstone next Sunday of the new Native Sons building in that city. The local parlor today, by request, sent twelve pounds of sand from the old mining camp to the San Jose parlor. A like quantity of sand is to be gathered from other historic mining camps.—The Chronicle.

IF THESE Native Sons.

ONLY KNEW about it.

THEY COULD use the same sand.

THAT JAMES Marshall.

WHO DISCOVERED gold.

IN CALIFORNIA in '49.

WASHED OUT.

ON THE American River.

JUST A few miles.

ABOVE SACRAMENTO.

FOR CLARENCE Sand Pratt, President

OF THE Pratt Building Material Co.

DOUGLAS 300—"easy to remember."

IS SHUDDING the same sand.

THAT THE '49ers used.

TO WASH gold from.

PRATT'S SAND washing plant.

IS LOCATED at Sacramento.

ON THE American River.

AND THEY say.

THERE IS gold.

IN PRATT'S clean, sharp sand.

PLASTERERS AND brick contractors

say.

THAT PRATT'S clean, sharp sand.

IS WORTH its weight.

IN GOLD.

SO WHEN you need sand.

FOR PLASTERING or brick mortar.

ASK FOR Pratt's sand.

FORM THE American River.

OR THE same sand.

THAT JIM Marshall saw.

WHEN HE discovered gold.

ON THE American River.

IN 1849.

FOR THIS sand.

HAS BEEN washed.

DOWN THE river

TO OUR pit.

"I THANK you."



This is the way you called on your sweetheart in '49, when Pratt's American River sand was being washed for gold. Short skirts, gasoline wagons, tangers, radios and camel walk dances had not been invented in the good old days of '49, red flannel shirts and whiskers.

Owner—Franklin Lodge 143, F. & A. M. Hall Association, Courtland.
 Architect—North.
 Contractor—Jessie Cassie and Geo. Rendall, Courtland.
 Painting awarded to Conrad Schneider, 1335 39th St., Sacramento, \$1847.

Contract Awarded.
CLUB HOUSE Cost, \$100,000
SAN FRANCISCO, S Market W 12th St. Two-story brick Class A store and club building.
 Owner—Loyal Order of Moose, S. F. Lodge No. 26.
 Architect—O'Brien Bros., 240 Montgomery St., San Francisco.
 Contractor—F. L. Hansen, 251 Kearny.

MODESTO, Stanislaus Co., Cal.—Knights of Pythias, Modern Woodmen of America, Woodmen of the World, Redmen, Scouts, Native Sons of the Golden West, Moose, United Artisans, Yeomen and Druids Lodges of this city, will contribute half the cost of donations to finance construction of \$150,000 lodge building. Will be 4 stories high; auditorium on ground floor seating 2000; 2nd and 3rd floors for lodge rooms; 4th floor probably for offices.

SAN DIEGO, San Diego Co., Cal.—The \$150,000 fund required for the \$500,000 gift to the city for a navy Y. M. C. A. building has been over subscribed. The international committee offered the larger sum contingent upon the \$150,000 being raised to buy a suitable site. Work will start as soon as necessary arrangements and plans can be completed. Geo. W. Marston, chairman of the campaign committee.

SANTA BARBARA, Santa Barbara Co., Cal.—Sister Vincent, Mother Superior of St. Vincent's Orphanage, has taken tentative plans for the proposed orphanage bldg. at Goleta to St. Louis for approval by the Superior-General of the order. A bldg. committee consisting of Edw. F. R. Vail, Francis Price and Charles Edwards is in charge of the work. The bldg. as planned will be on the unit system, built in the shape of an "H" the east and west length being 480 ft. and north and south 288 ft. It will be three stories, containing approx. 100,000 ft. floor space, accommodating 300 children and 50 sisters. In addition to usual rooms, auditorium seating 224, there will be a chapel with two outside entrances. There will be three fire towers extending from roof to basement. The general design of the bldg. will be simple Spanish with limited ornamentation. It will be necessary to drill a water well as there is at present no available water system.

HOSPITALS

Completing Plans.
HOSPITAL ANNEX Cost, \$200,000
OAKLAND, Alameda Co., Cal. Moss & Broadway.
 Four-story reinforced concrete annex for hospital.
 Owner—Fabiola Hospital Assn.
 Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.
 Contractor—E. J. Walker Co., Monadnock Bldg., San Francisco.
 Construction will be started in about a month.

Plans Completed—Figures to be Taken Shortly.
HOSPITAL Cost, \$300,000
HOLLYWOOD, Los Angeles Co., Cal. Vermont Ave. near Sunset Blvd.
 Five-story reinforced concrete hospital. Owner—Hollywood Hospital Assn.
 Architect—Robert H. Orr, 1355 Van Nuys Bldg., Los Angeles.
 Main section, 192x40 ft. with a wing, 60x40 ft., training school, emergency hospital, dining room and culinary department in the first story, executive offices, X-ray department, maternity department, operating rooms and rooms for 150 beds in upper stories; stucco exterior, tile and composition roofing, solariums, marble and tile work, steam heating, vacuum cleaning, refrigeration system, 2 elevators.

BAKERSFIELD, Kern Co., Cal.—Bids to construct the proposed Kern County Hospital building will be asked by the supervisors immediately. Various esti-

mates submitted to the Supervisors on the cost of construction range from \$600,000 to \$1,500,000. The \$600,000 estimate is presented by Chas. H. Biggar, Bank of Italy Bldg., Bakersfield, who prepared the plans. If the bids come within the amount available for construction contracts will be let.

OAKLAND, Alameda Co., Cal.—Bids were received as follows on October 23rd by George E. Gross, Clerk of Alameda County, for the construction of a two-story frame dormitory and also for alterations and additions to certain existing buildings at the County Hospital, near San Leandro.

The contract was awarded to M. E. Hopper & Son, 1117 Webster street Oakland, on Propositions Nos. 1, 3, 4 and 7, making a total of \$64,494.12.
 M. E. Hopper & Son (1) \$58,165; (2) \$4508; (3) \$5388; (4) \$527; (5) \$2631; (6) \$4655; (7) \$511; (8) \$1273; (9) \$7780.

Matthews & Gale (1) \$60,860; (2) \$4636; (3) \$6218; (4) \$733; (5) \$3522; (6) \$6526; (7) \$584; (8) \$1297; (9) \$7780.

Walter Murch (1) \$61,017; (2) \$4725; (3) \$5286; (5) \$701; (5) \$5536; (6) \$6091 (7) \$551; (8) \$1249; (9) \$3401.

John Morton (1) \$61,000; (2) \$2000; (3) \$5605; (4) \$1218; (5) \$1840; (6) \$6120; (7) \$556; (8) \$1811; (9) \$8140.

E. T. Letter & Son (1) \$62,857; (2) \$4467; (3) \$3009; (4) \$352; (5) \$2500; (6) \$4537; (7) \$575; (8) \$1277; (9) \$8700.

Schneble & Hostawasser (1) \$64,719; (2) \$5616; (3) \$5663; (4) \$825; (5) \$3781; (6) \$6159; (7) \$6575; (8) \$3139; (9) \$9232.

MARTINEZ, Contra Costa Co., Cal.—Bids were opened on October 26th by the Board of Supervisors of Contra Costa County, for alterations and additions to the heating system for Contra Costa County Hospital, on the Hospital Grounds in the town of Martinez.

The contract was awarded to Thos. J. Kennedy of Martinez.
 Thos. J. Kennedy.....\$2335
 W. H. Edwards.....2855
 W. Picard.....3153

HOTELS

Preliminary Plans Being Prepared.
HOTEL Cost, \$300,000
LOS ANGELES, L. A. Co., N W Cherokee Ave. and Hollywood Blvd.
 Nine-story class A hotel 165x90.
 Owner—Geo. M. Hull and Gordon L. Friedman, 320 Chapman Bldg., L. A.
 Architect—J. A. Larralde, 1401 Stock Exchange Bldg., L. A.

Preliminary Plans Being Prepared.
HOTEL Cost—
LOS ANGELES, L. A. Co., Cal., S Figueroa Street.
 Six-story class A hotel, 105 rooms.
 Owner—Withheld.
 Architect—Truesdell & Zimmerman & Associate Engineers Purinton and Newton, San Fernando Bldg., L. A.

Plans To Be Prepared.
HOTEL Cost, \$1,000,000
OAKLAND, Alameda Co., Cal., Oak St. opposite Lake Merritt.
 Eight-story reinforced conc. hotel 193x160 (250 rooms).
 Owner—Lake View Hotel Cptn. (Henry Barker, of the Key Route Inn, promoter).
 Architect—Maury I. Diggs, Easton Bldg., Oakland.
 The money is now being raised.

SAN BERNARDINO, San Bernardino Co., Cal.—Arch. Howard E. Jones, 402 Katz Bldg., is completing plans for the proposed \$275,000 San Geronio hotel to be erected south of the Stewart hotel. C. P. Phillips, lessee of the Stewart, will conduct the new establishment. It is probable that the hotel will be financed up to \$150,000 by the Hockenbury plan (E. A. Stoll, vice pres. at present by local subscription. Among the members of the board of directors of the San Geronio Hotel Co. are M. D. Katz, Forest E. Page, C. B. Phillips and R. H. Mack.

POWER PLANTS

ESCONDIDO, Cal.—Col. Ed. Fletcher, San Diego, announces two power projects, one on Boulder Creek, and another on the Santa Ysabel River. The former would develop 1300 h. p. and the latter 3600 h. p. The Santa Ysabel plant would involve the constr. of a dam.

HANFORD, Kings Co., Cal.—City Trustees will ask State Railroad Commission to place value on distributing plant of Southern California Edison Co., with view to purchase and operate same as municipal system.

PUBLIC BUILDINGS

SACRAMENTO, Cal.—Auditorium Committee of City Council will call special meeting to consider sites and estimates of cost for a municipal auditorium building. H. W. Funcke is chairman of the Auditorium Committee.

SACRAMENTO, Cal.—Donald McLaren, San Francisco landscape engineer, at \$1750 awarded contract by city council to submit specifications for the development of the William Land Park comprising 240 acres adjoining the Riverside road.

SANTA BARBARA, Santa Barbara Co., Cal.—Architects Santer & Lockard, San Marcos Bldg., Santa Barbara, will complete plans for the new city hall building in six weeks. The revision of plans made necessary by lack of funds is under way. The cost has been reduced to \$160,000. At its next meeting the council will decide whether to accept the bids or complete bids or both will be called.

RESIDENCES

Plans Being Figured.
RESIDENCE Cost, \$20,000
SAN FRANCISCO, St. Francis Wood.
 Two-story and basement frame and plaster residence and garage (13 rooms).
 Owner—G. P. Anderson.
 Architect—Houghton Sawyer, Hearst Bldg., San Francisco.

Figures To Be Taken Next Week.
RESIDENCE Cost, \$13,000
PIEDMONT, Alameda Co., Cal., Oakland and Hardwick.
 Two-story frame and plaster residence.
 Owner—Hager.
 Architect—Houghton Sawyer, Hearst Bldg., San Francisco.

Figures To Be Taken In Ten Days.
PUNALOW Cost, \$10,000
MENLO PARK, San Mateo Co., Cal.
 One-story frame & stucco bungalow & separate garage (7 rooms).
 Owner—R. H. Gately.
 Architect—Miss Ida F. McCain, 318 Kearny St., S. F.

Permit Applied For.
RESIDENCE Cost, \$12,000
SAN FRANCISCO O N E McKinnon Ave. and Newhall.
 One-story and basement brick 7-room residence.
 Owner—C. Carviores.
 Architect—Albert J. Fabre, 110 Sutter Street, S. F.

Low Bidder.
RESIDENCE Cost, \$12,000
SAN FRANCISCO, NE McKinnon Ave. and Newhall Street.
 One-story and basement seven-room brick residence.
 Owner—C. Carviores.
 Architect—Albert J. Fabre, 110 Sutter Street, San Francisco.
 Contractor—M. C. Ingraham, 180 Jessie St., San Francisco.

Plans Complete.
RESIDENCE Cost, \$6000
OAKLAND, Alameda Co., Cal., Lakeside Highlands.
 Two-story frame and plaster residence.
 Owner—Mrs. Jas. J. Rhea.
 Architect—Warner & Warnecke, Perry Bldg., Oakland.

To Revise Plans
RESIDENCE & GAR. Cost, \$10,000
OAKLAND, Alameda Co., Cal. Lake-
shore Highlands.
Two-story and basement frame and
plaster residence and garage.
Owner—R. W. Kinney.
Architect—Miller & Warnecke, Perry
Bldg., Oakland.

To Be Done By Day's Work.
DWELLINGS Cost, \$3650 ea.
OAKLAND, E. Bartlett & Brookdale.
Seven 1-story frame dwellings.
Owner—C. M. MacGregor, 475 13th St.,
Oakland

Plans Being Prepared.
RESIDENCES Cost, \$—
SAN FRANCISCO. Lyon and Green
Streets.
Six frame and stucco duplex residences
(the roof).
Owner—Cajlo Matraiz, R. A. Wilson
and A. G. Headman.
Architect—August G. Headman, Call
Bldg., San Francisco.

To Be Done By Day's Work.
DWELLINGS Cost, \$11,000
FRESNO, Fresno Co., Cal. Cedar Park
Four dwellings.
Owner—E. H. Morris, 312 Shasta St.,
Fresno.

Contract Awarded.
RESIDENCE Cost, \$8381
LOS ALTOS, Cal.
Two-story frame residence and garage.
Owner—F. W. Aust.
Architect—Wolfe & Higgins, Auzeirai
Bldg., San Jose.
Contractor—E. E. Arnott, Campbell,
Call.

To Be Done By Day's Work.
DWELLINGS Cost, \$28,000
FRESNO, Fresno Co., Cal. No. 1436-
27-43 and 52 101st Ave.
Four dwellings.
Owner—J. C. Prichard, 3923 Washing-
ton St., Fresno.
Architect—None.
Contractor—Prichard Bros., Blackstone
and McKinley Aves., Fresno.

Figures To Be Taken in a Week.
RESIDENCE & GARAGE Cost, \$6500
ALAMEDA, Alameda Co., Cal. Alameda
near Grand Ave.
1½-story frame and stucco residence
and garage.
Owner—J. R. Weinstock.
Architect—Jas. Vollmer, % W. Ratcliff
Jr., 1st Natl Bank Bldg., Berkeley.

Plans Being Prepared—To Be Done By
Day's Work.
BUNGALOW Cost, \$6500
BURLINGAME, San Mateo Co., Cal.
One-story frame 5-room bungalow.
Owner—H. J. Hughes.
Architect—Chas. E. J. Rogers, Phelan
Building, S. F.

Plans Being Prepared.
BUNGALOW Cost, \$40,000
SAN MATEO, San Mateo Co., Cal.
Eleven 1-story 5-room frame and stucco
bungalows (Spanish style).
Owner—Jas. A. Lee.
Architect—Chas. E. J. Rogers, Phelan
Building, S. F.

SCHOOLS

Contracts Awarded.
SCHOOL Cost—
MONTEREY, Monterey Co., Cal.
One-story reinforced conc. high school
(8 rooms and an auditorium).
Owner—Monterey Union High School
District.
Architect—Norman R. Coulter, 46
Kearny St., San Francisco, and M.
A. Deane, 162 Pacific Ave., Pacific
Grove.
General Contract awarded to The West
Coast Construction Co., Junie Bldg.
San Francisco, at \$60,689.
Plumbing to Pierce-Towle Co., Mon-
terey, at \$3973.20
Electric Work to The Monterey Electric
Shop, Monterey, for \$1050.
The heating bids were rejected and
new bids will be called for.

EUREKA, Humboldt Co., Cal.—Until
Nov. 13, 7:30 p. m. bids will be received
by Geo. B. Albee, City Supt. of Schools,
to const. shower rooms and other addi-
tions to high school gymnasium. See
call for bids under official proposal
section in this issue.

Completing Plans.
ADDITIONS Cost, \$—
SACRAMENTO, Sacramento Co., Cal.
Newton Booth, Highland Park, Le-
land Stanford, Bret Harte and
Washington Schools.
Four-room additions to schools.
Owner—City of Sacramento.
Architect—Dean & Dean, City Library
Bldg., Sacramento.

Plans Being Completed.
GYMNASIU Cost, \$40,000
HANFORD, Kings Co., Cal. Dooty St.
One-story frame and stucco gymna-
sium, locker rooms, showers, etc.
Owner—Hanford High School District.
Architect—Coates & Traver, Rowell
Bldg., Fresno.

Contract Awarded.
GYMNASIU Cost, \$15,954
GRASS VALLEY, Nevada Co., Cal.
One-story frame gymnasium building.
Owner—Grass Valley High School Dist.
Architect—Wm. Mooser, Nevada Bank
Bldg., San Francisco.
Contractor—Burton & Reed, Grass Val-
ley.

PASADENA, L. A. Co., Cal.—Archts.
Allison & Allison, 1405 Hibernal Bldg.,
Los Angeles, have been authorized to
proceed with plans for a new school to
be erected at Pasadena. The bonds have
been sold. Plans will be prepared for a
complete group of bldgs. to cost about
\$300,000. There is about \$200,000 avail-
able for immediate construction.

PASADENA, L. A. Co., Cal.—Archts.
Allison & Allison, 1405 Hibernal Bldg.,
Los Angeles, have been authorized to
proceed with plans for additional bldg.
at the Washington school site, on Monk
Hill, Pasadena. The bonds have been
sold. The bldgs. will include an auditori-
um, study hall, class rooms, cafeteria
and manual arts dept.; brick construc-
tion; \$200,000.

WATSONVILLE, Santa Cruz Co., Cal.—
Until Nov. 5, 3:30 p. m. bids will be
received by S. MacQuibb, secy. Watson-
ville Union High School District, to
erect a 1-story concrete machine shop
building. Wyckoff & White, architects,
Grocers Bldg., San Jose. See call
for bids under official proposal section
in this issue.

PASADENA, L. A. Co., Cal.—Until 8
a. m., Nov. 17, bids will be received by
Board of Education of Pasadena for
erecting new bldgs. on McKinley school
site. Pasadena, John C. Austin and
Frederic M. Ashley, assoc. archts., 1125
Baker-Betwiler Bldg., L. A. There will
be 3 bldgs., auditorium to seat 750
people, 22 classrooms, 3 rooms for
playroom for kindergarten, domestic
science and manual training depts. Re-
inforced conc. constr., stucco exter.,
brick trim, slate rfg., pine trim, beech
fls., etc. The cost is estimated at \$250-
600.

HANFORD, Kings Co., Cal.—Until
Nov. 10, 10 a. m. bids will be rec. by
T. H. Lohse, secy. Kings River School
District, for fur. and install. plumbing
fixtures in school building. Spec. on file
in office of Roy May, county surveyor,
at Hanford.

TULARE, Tulare Co., Cal.—Trustees
of Tulare Union High School Dist. ap-
prove plans for gymnasium, 75x100 ft.,
est. cost \$65,000 and two story class-
room building with study hall and rec-
itation rooms, est. cost \$35,000. W. H.
Weeks, 369 Pine St., S. F., is the ar-
chitect.

SACRAMENTO, Cal.—Until Nov. 6, 5
p. m. bids will be rec. by Chas. C.
Hughes, Secy Board of Education, to
install electric lighting fixtures in High
School at 34th and S. Sts. samples
must accompany bids. See call for bids
under official proposal section in this
issue.

BEND, Ore.—Committee appointed to
investigate need for improved school
facilities. A structure costing approxi-
mately \$200,000 is contemplated. con-
struction to be started early in 1923.

MODESTO, Stanislaus Co., Cal.—Fol-
lowing architects will submit prelimi-
nary plans to the Board of Education
for the first unit of the Junior College
buildings to be erected in North Tenth
Street: Geo. C. Sellon & Co., Sacramen-
to; W. H. Hubbard, Modesto; G. N. Hill-
burn, Turlock; J. J. Donovan, Oakland;
Davis-Heller-Pearce, Stockton; Wright
and Satterlee, Stockton; and W. H.
Weeks, San Francisco. The plans will
come up for consideration at a special
meeting to be held Oct. 30.

SAN FRANCISCO—Until Nov. 8, 3 p.
m. bids will be rec. by Board of Pub.
Works for fur. and laying linoleum in
the Mission High School Addition now
under construction in Church St., bet.
18th and 19th land; est. cost \$100,000.
Bond of \$2500 required of successful
bidder. Specifications may be had from
Bureau of Architecture, 2nd floor, city
hall.

MERCED, Merced Co., Cal.—John
Morton, Balboa Bldg., San Francisco, at
\$32,480 submits low bid to Merced High
School District to const. a gymnasium
building. Other bids: D. K. Angle, Los
Palos, \$34,400; Anton Johnson, Kings-
burg, \$37,400; E. E. Jensen, Merced,
\$42,900; J. J. Conner, Merced, \$44,000.
\$44,500. Bids taken under advice-
ment. Pedesen, engineer, Merced, Cal.

PETALUMA, Sonoma Co., Cal.—Un-
til Nov. 8, 3 p. m. bids will be rec. by
John A. Olmsted, clerk, Petaluma High
School District for fur. and installing
school desks, chairs, library table and
sq. yds. Battleship linoleum and 100 Ve-
netian Blinds for the new high school.
See call for bids under official proposal
section in this issue.

ARCATA, Humboldt Co., Cal.—An ap-
propriation of \$250,000 is sought by the
Humboldt State Teachers' College, in a
budget for the next two years. Of the
total of \$250,000, \$100,000 is desired for op-
erative expenses and the balance for
building construction.

Hanford, Kings Co., Cal.—Until Nov.
13, 7:30 p. m. bids will be rec. by G. W.
Armstrong, clerk, Hanford Joint Union
High School District, to install an un-
derground water pipe irrigation sys-
tem on high school grounds for about
10% required with each bid. Plans may
be had from clerk or principal of
school, J. L. Neighbor, at the high
school.

BAKERSFIELD, Kern Co., Cal.—Un-
til Nov. 9, 7:30 p. m. bids will be rec.
by E. R. Long, Board of Education, to
install a 30" pipe in Arroyo
ditch in Dolores St., bet. King and
Deal ave. See call for bids under official
proposal section in this issue.

BAKERSFIELD, Kern Co., Cal.—Un-
til Nov. 8, 7:30 p. m. bids will be rec.
by E. R. Long, secy. Board of Educa-
tion, for fur. burial or rubber runners
in aisles of Washington school audi-
torium. See call for bids under official
proposal section in this issue.

BAKERSFIELD, Kern Co., Cal.—
Until November 9, 7:30 P. M., bids will
be received by E. R. Long, Secretary of
the Board of Education, for additions
and alterations to Washington School
Auditorium. See call for bids under
official proposal section in this issue.

LOS ANGELES, Cal.—Until 9 a. m.,
Nov. 15, bids will be received by Los
Angeles Board of Education for print-
ing shop bldg. and cafeteria building
at Roosevelt junior high school site,
4th and Pickett Hunt & Burns, 701
Leuchlin Bldg., L. A. The bids will
be taken separately on general
work, plumbing, painting, burner and
blow pipe system, and for kitchen and
service equipment. Cafeteria building
will be two stories, 60x12 ft. frame and
plaster construction, comp. rfg. Manual
arts bldg. will be two stories, 60x13 ft.,
brick constr., plas. exter., comp. rfg.,
steel columns and girders, steel sash;
total cost, \$100,000.

NAPA, Napa Co., Cal.—Until Nov. 14,
4 P. M. bids will be received by Dan
Madigan, Clerk, Sossol School District,
to construct school building for which
bonds of \$3500 were voted. Plans by
F. A. Younger. Napa. Certified check
for 10% payable to the Clerk of District
required. Plans may be obtained from
clerk at Napa on deposit of \$10.

LOS ANGELES, L. A. Co., Cal.—The Board of Education has adopted a new form of contract for architectural services. The commission will be 4% for plans and spec., including plumbing. Plans for heating may be made by heating engineers as heretofore and supervision of construction will be under the business manager. The Board passed a resolution rescinding previous contracts and authorizing new contracts with architects for the following schools, the new contracts to also provide a definite period for preparation of preliminary plans and a definite time for the completion of working plans: Harlow M. Kimball, archt., Alessandro school to cost \$84,000, preliminary plans in 9 days after receiving schedule of requirements, working plans in 36 days after preliminary plans are approved; Richard D. Kings, architect, Hill school, \$70,000, 9 days and 30 days; John Parkinson and Donald B. Parkinson, Beverly high school, \$600,000, 20 days and 120 days; A. F. Rosenheim, addition to Boyle H.S. junior high school, \$85,000, 9 days and 30 days; Thos. F. Power, Brooklyn Ave. school, \$34,000, 9 days and 36 days; A. S. Nickerson, Clifford St. school, \$64,000, 9 days and 30 days; A. C. Martin, 51st St. school, \$90,000, 9 days and 36 days; Edw. C. Taylor and Ellis W. Taylor, Glassell Park school, \$125,000, 14 days and 45 days; Geo. M. Lindsey, Homestead school, \$80,000, 9 days and 36 days; Hudson & Munsell, Hermon, \$50,000, 9 days and 36 days; Walker & Eisen, Humphreys Ave., \$90,000, 9 days and 36 days; Norman F. Marsh, auditorium at Jefferson high school, \$100,000, 12 days and 40 days; Edwin Bergstrom, John C. Fremont high school, \$600,000, 20 days and 120 days; Thos. F. Power, Laurel school, \$126,000, 14 days and 45 days; Train & Williams, addition at McKinley junior high, \$71,000, 9 days and 36 days; Morgan, Walls & Morgan, addition at polytechnic high \$150,000, 20 days and 100 days; R. D. Farquhar, 3rd and Rossmore, \$84,000, 9 days and 36 days; Harry L. Pierce, San Fernando elementary, \$84,000, 9 days and 30 days; Chas. M. Hutchinson, 2nd St., \$116,000, 10 days and 40 days; Farrell & Miller, Torrance high, \$150,000, 12 days and 45 days; Noerberg & Johnson, Van Ness Ave., \$136,000, 9 days and 40 days; Hunt & Burns, addition at Virgil junior high, \$100,000, 9 days and 36 days; Edelman & Zimmerman, West Athens, \$80,000, 9 days and 20 days; Parker O. Wright, Yorkdale, \$104,000, 12 days and 45 days.

STORES AND OFFICES

Plans Completed.
STORE Cost, \$12,500
SAN FRANCISCO. W Sacramento bet. Battery and Mason Sts.
One-story and basement brick store.
Owner—H. J. Judell & Co., 126 Front St., San Francisco.
Architect—E. J. Joseph, Call Bldg., San Francisco.
Contract Awarded.

Contractor To Take Sub-figures Shortly
AUTO SALES BLDG. Cost, \$90,000
SAN FRANCISCO. N E Polk & O'Farrell
One-story and basement reinforced concrete auto sales building.
Owner—H. O. Harrison.
Lessee—J. E. French Co., agent of Dodge cars.
Architect—R. L. Mayberry, Pacific
Contractor—G. P. W. Jensen, 320 Market St.
Grading being done by Shibley Grading & Teaming Co.

Plans Being Prepared.
ADDITION Cost, \$125,000
SANTA BARBARA. Santa Barbara Co., Calif.
Four-story Class A addition to San Marcos Building.
Owner—Hawley Estate.
Architect—E. L. Mayberry, Pacific
Electric Bldg., Los Angeles and Kirkhuff & Schaeff, Santa Barbara, Associated.

Plans to be Prepared
CONCRETE BLDG. Cost, \$20,000
SAN FRANCISCO. N Freelon St. W 9th St.
Two-story concrete building, 20x30.
Owner—Louis R. Lurie, Mills Bldg., San Francisco.
Architect—Not Selected.

Figures To Be Taken Shortly.
STORE BLDG. Cost, \$30,000
BERKELEY. Alameda Co., Cal. Shattuck Ave. and Bancroft Way.
One-story reinforced concrete and brick store building.
Architect—Miss Julia Morgan, Merchant's Exchange Bldg., San Francisco.

Plans Being Prepared.
STORE BLDG. Cost, \$300,000
LOS ANGELES. Cal. Hollywood Blvd. and Vine St.
Four-story and basement Class "A" Dept. store bldg., 100x150.
Owner—Dr. E. O. Palmer.
Lessee—Broadway Bros. of Pasadena.
Architect—Allison & Allison, 1405 Hibernian Bldg., L. A.

Figures to be Taken Shortly.
STORE BLDG. Cost, \$8,000
SAN FRANCISCO. Corner Mission and Santa Maria Avenue.
One-story frame store building.
Owner—E. A. Cohn.
Architect—August G. Headman, Call Bldg., San Francisco.

Figures to be Taken Shortly.
STORE Cost, \$16,000
SAN FRANCISCO. W Mission St. near Santa Maria Ave.
One-story reinforced concrete store and office building.
Owner—E. A. Cohn.
Architect—August G. Headman, Call Bldg., San Francisco.

Contract Awarded.
STORES Cost, \$10,900
OAKLAND. S E 41st and Piedmont.
One-story brick stores.
Owner—D. Dwyer, 404 Walsworth, Okd.
Architect—A. W. Smith, 1910 Broadway Oakland.
Contractor—W. A. Savage, 555 California St., San Francisco.

Plans Being Prepared.
OFFICE BLDG. Cost—
SAN FRANCISCO. W Mason bet. Post & Geary.
Seven-story and basement reinforced concrete office building.
Owner—Spring Valley Water Co.
Architect—Willis Polk & Co., Hobart Bldg., S. F.
The plans will be rushed as the water company's lease is up on May 1st, 1923, at which time they will occupy the new building.

Contract Awarded.
STORE BLDG. Cost \$160,000
LOS ANGELES. Los Angeles Co., Cal. Hill St., bet. 6th and 7th Sts.
All work except steel and elevators for eight-story and basement Class A store and loft building.
Owner—Starr Piano Co.
Architect and Contractors—Stanton, Reed & Hilbard, Metropolitan Bldg., Los Angeles.
The steel contract has been awarded to the Baker Iron Works, Los Angeles.

Preliminary Plans Prepared.
OFFICE BLDG. Cost, \$875,000
LOS ANGELES. W 6th St. near Westlake Ave.
11-story and basement class "A" store and office building.
Owner—Medical Building Co.
Architect—John & Donald B. Parkinson, Title Ins. Bldg., Los Angeles.

Plans to be Prepared.
CONCRETE BLDG. Cost, \$22,000
SAN FRANCISCO. N North Point St. E of Hyde St., 22-11x137-6.
Two-story concrete building.
Owner—Louis R. Lurie, Mills Bldg., San Francisco.
Architect—Not Selected.

Contract Awarded.
STORE Cost, \$6342
SOUTH SAN FRANCISCO. San Mateo Co., Cal. Grand Street.
One-story reinforced concrete store.
Owner—Reginald McColgan.
Architect—O'Brien Bros., 10 Montgomery St., San Francisco.
Contractor—M. E. Green, 180 Jessie St.

Plans Being Prepared.
OFFICE BLDG. Cost, \$—
BURLINGAME. San Mateo Co., Cal. SE Broadway and El Canino Real.
Two-story reinforced concrete store and office building.
Owner—Thos. Bradbury.
Architect—W. F. C. Gilliam, 1228 Paloma Ave., Burlingame.

Plans to be Prepared.
ALTERATION. Cost, \$125,000
OAKLAND. Alameda Co., Cal. Twelfth St. near Broadway.
Extensive alterations for cafe.
Owner—John Tait.
Architect—Ward & Blohne, 454 California St., San Francisco.
The lease on the building will not expire until May of 1923, at which time work will be started.

Preliminary Plans Being Prepared.
OFFICE BLDG. Cost, \$100,000
MONTEREY. Monterey Co., Cal.
Class "A" bank and office building.
Owner—First National Bank of Monterey.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

ALTERATIONS Cost, \$17,500
OAKLAND. S E 13th and Clay St.
Alterations to building.
Owner—G. G. Gilchrist.
Architect—Reed & Hilbard, Oakland.
Bank of Savings Bldg., Oakland.
Contractor—MacDonald & Kahn, Am. Bank bldg., Oakland.

Contracts Awarded.
STORE BLDG. Cost, \$20,000
SAN FRANCISCO. N Mission between Fifth and Sixth Streets.
Two-story and basement Class C store and loft building.
Owner—Smith O'Brien et al.
Architect—Smith O'Brien, 742 Market St., San Francisco.
General Contract to Fred Moller, 180 Jessie St.
Painting to L. J. Neal, 528 Hayes St.
Plumbing to J. E. O'Mara, 445 Minna St.
Electric Work to H. S. Tittle, 766 Fellom St.
Elevator to Spencer Elevator Co., 166 Seventh St.

SAN FRANCISCO. Cal.—J. G. Williams Construction Co., 519 California St., has been awarded a contract by P. J. Walker Co., for hauling and erecting the structural steel for a 10-story and basement class "A" office building on the N E cor. Powell and Post Streets for Wm. M. & Mary E. Fitzhugh. Contract price \$24,063.75. Reid Bros., 405 Montgomery St., are the architects.

OAKLAND. Alameda Co., Cal.—The University Investment Co. will erect a 3-story building on the west side of Washington St., near 14th.

THEATRES

VISALIA. Tulare Co., Cal.—Until Nov. 6, 8 p. m., bids will be received by Ida Markham, city clerk, to paint and install new curtain in Municipal Auditorium with one roller for front curtain and another for rear curtain. Specifications may be had from city clerk.

PORTLAND. Ore.—Architect F. Manson White, Sherlock Bldg., Portland, preparing plans for three-story brick \$75,000 hotel and theatre annex to be erected at the northwest corner of Jefferson and 12th Sts. for the Cordova Hotel. Theatre will seat 400; 2nd and 3rd floors will contain 30 2-room suites each with private bath.

A. E. Leitch Fred Clark

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1116 SECOND ST., SACRAMENTO

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Official Proposals

NOTICE TO BIDDERS

(Furniture, Linoleum, Shades)

Notice is hereby given that the Board of Trustees of Petaluma City High School District will receive sealed bids for the furnishing of the following articles to be taken as a whole or in part as they desire:

- 75 School Desks, size 1.
- 125 School Desks, size 2.
- 50 Arm Chairs.
- 5 Teachers Desks.
- 35 Serviceable Oak Chairs.
- 1 Sixty inch office desk.
- 1 Library Table 12 feet long.
- 950 Square yards more or less, Bathepish Linoleum.
- 100 Venetian Blinds.

Samples of articles bid must be furnished to the Board for inspection.

Each bid shall be accompanied by a certified check equal to 10 per cent of the amount bid, to be forfeited if such bid is accepted and such a bidder shall fail to deliver said articles at a time to be agreed upon before the opening of bids.

Bids must be filed with J. A. Olmsted, clerk of the Board of Trustees of Petaluma City High School District, on or before 8 o'clock p. m., on the 8th day of November, 1922, at which time bids will be opened at a meeting of the Board of Trustees of Petaluma High School District to be held in the City Hall, City of Petaluma.

The Board reserves the right to reject any and all bids.

JOHN A. OLMSTED,
Clerk.

NOTICE TO BIDDERS

(School Gymnasium Additions)

Notice is hereby given that sealed proposals or bids will be received at the office of the City Superintendent of Schools, City Hall, Eureka, California, up to 7:30 p. m., on the Thirteenth day of November, 1922, for the construction of a shower and various other rooms on the north side of the present High School Gymnasium, for the Eureka High School District, according to plans and specifications on file in the office of the City Board of Education. Bidders will submit a bid for the heating system installed and also a bid without the system installed.

All proposals or bids must be accompanied by a Certified Check or a Cashier's Check payable to Eureka High School District, for an amount which shall not be less than five per cent of the aggregate of the proposal, or by a bond for the same amount and so payable, signed by the bidder and two sureties who shall justify before any officer competent to administer an oath in double the said amount and one-half and above all statutory exemptions.

The Board of Education of the City of Eureka reserves the right to reject any and all bids.

GEO. B. ALBEE,
Superintendent of Schools of the City of Eureka.

NOTICE TO CONTRACTORS AND BUILDERS

(School Shop Building)

Notice is hereby given that sealed proposals are invited and will be opened by the Board of Trustees of the Watsonville Union High School District, County of Santa Cruz, State of California, at 7:30 p. m., on the eighth day of November, 1922, at the office of the high school building, corner of East Third and Lincoln Sts., Watsonville, California, for the erection and completion of a shop building for the above named district, in accordance with plans and specifications made for the same by Wyckoff & White, Architects, Growers' Bank Building, San Jose, California.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

Plans and specifications can be secured at the office of the Secretary of the Board, Watsonville Union High School District, Watsonville, California, or at the office of the architects, Wyckoff & White, Growers' Bank Building, San Jose, California.

All bids are to be made on Blank forms furnished by the architects and must be accompanied by a check for not less than five per cent of the amount of the bid, made payable to the secretary of the board, and certified to by some responsible banking house. This check to be forfeited in the event that the successful bidder after having been awarded the contract, fails within ten days to sign the contract and furnish a good and sufficient bond as required by law.

The Board reserves the right to reject any and all bids.

Mark all bids "Building Bid" and address to Secretary of the Board of School District, Watsonville, California, Trustees, Watsonville Union High School District.

T. S. MACQUIDDY,
Secretary of the Board of Trustees, Watsonville School District.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on November 29, 1922, at which time they will be publicly opened and read, for construction in accordance with the specifications thereto for which special reference is made, portions of State Highway as follows:

Merced County, through Atwater and Livingston (VI-Mer-4-C and D), about nine-tenths (0.9) mile in length, to be surfaced with asphalt concrete.

Los Angeles County, near Newhall Creek at Newhall (VII-LAI-E), constructing a reinforced concrete bridge, consisting of four thirty foot reinforced concrete girder spans with the necessary bents, abutments and wing walls.

Plans may be seen and forms of proposal, bonds, contracts and specifications

may be obtained at the said office and they may be seen at the office of the Division Engineer at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission.
AUSTIN B. FLETCHER,
State Highway Engineer.
R. A. MURRAY, Secretary.
Dated October 23, 1922.

BIDS WANTED FOR PAINTING POST OFFICE

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architect's office, Washington, D. C., October 19, 1922. SEALED PROPOSALS will be opened in this office at 2 P. M., November 12, 1922, for painting plastering at the U. S. Post Office, Winnemucca, Nev., in accordance with the specification, copies of which may be had at this office or at the office of the Custodian, in the discretion of the Supervising Architect, JAS. A. WETMORE, Acting Supervising Architect.

NOTICE TO CONTRACTORS

(Bakersfield Board of Education)

Notice is hereby given that the Board of Education, Bakersfield School District, Bakersfield, California, will receive sealed bids for the furnishing of all materials and labor for the construction of the following:

First—Installing a 36-inch concrete pipe in Arroyo ditch on Dolores-St., between King and Beale Sts. Contractor to furnish a bond guaranteeing the work, for one year.

Second—Addition and alteration to the Washington School Auditorium necessary to correct unsatisfactory acoustical properties now in existence. Contractor to give guarantee bond that acoustics of auditorium will on completion be satisfactory to the Board of Education or its representative.

Third—One shallow well water pressure system complete for the Roosevelt school according to specifications on file in the Board of Education's office.

Fourth—One deep well and water pressure system complete for the Primavera school according to specifications on file in the Board of Education's office.

Fifth—Boring a twelve-inch water well, 200 feet deep in the Primavera Park school site. Contractors to furnish double galvanized casing equipped with shoe and 14 ft. perforated casing.

Sixth—Install rubber floor in the runners for aisles of Washington school Auditorium.

Seventh—One model United States H-34 automatic two stage air compressor with 3-4 H. P. motor or equal. F. O. B. Bakersfield.

Said bids will be received up to 7:30 P. M. of the 9th day of November, 1922, at the office of said Board of Education, Room 3, City Hall, Bakersfield, California.

QUANTITY SURVEYOR

and Valuation Engineer
Buildings and Engineering Works

ARTHUR PRIDDLE

693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

Bids will be received separately on items as numbered above.

Each bid must be accompanied by a certified check in the amount of ten (10) per cent of the amount bid, such check to be made payable to the Bakersfield School District and said check will be held as evidence of good faith that the successful bidder will enter into contract for the construction of the work as specified and furnish good and sufficient bonds therefor; otherwise such check will be forfeited to the Board.

The Board of Education reserves the right to reject any or all bids or to waive any informality in any bid received.

By order of the Board of Education, Bakersfield School District, made October 18th, 1922.

HARRIET W. PEACOCK

President.

E. R. LONG,

Secretary

NOTICE TO BIDDERS

(High School Lighting Fixtures)

Notice is hereby given that sealed bids will be received by the Board of Education of the Sacramento City High School District for the purchase and installation of Electric Lighting Fixtures for the new High School, situate at 34th and "W" Streets, in the City of Sacramento, County of Sacramento, State of California, exclusive of lamps, and excepting only the auditorium. Samples of fixtures and designs to be submitted together with full information as to material and finish of same.

Blue prints of the wiring and outlets of the new High School will be found in the office of the Business Manager of the Sacramento City School District, Room 301, City Hall, subject to inspection.

It is further understood that the installation shall conform in all respects to the requirements as set forth in the General Lighting Safety Orders of the Industrial Accident Commission of the State of California, and the said installation shall also be to the satisfaction of the Board of Education of the Sacramento City High School District.

A certified check for the sum of ten per cent of the amount of the bid must accompany each proposal, which will be forfeited to the Board of Education should the bidder fail to comply with the terms of his bid as required so to.

It is further understood that a bond of fifty (50) per cent of the amount of the bid will be exacted by the Board of Education in the event of the award of contract to the successful bidder to insure the faithful performance of contract.

All bids must be filed with the Secretary of the Board of Education of the Sacramento City High School District, Room 300, not later than 5 o'clock p. m., November 6th, 1922.

The Board of Education reserves the right to accept or reject any or all bids.

CHAS. C. HUGHES,
Secretary of the Board of Education of the Sacramento City High School District.

TO CALL BIDS FOR PEARL HARBOR PIERS

NOTICE TO CONTRACTORS

Sealed proposals, endorsed "Proposals for reinforced concrete piers, Naval Operating Base, Pearl Harbor, P. H., Specification No. 4687" will be opened at the Bureau of Yards and Docks, Washington, D. C., in the near future. The work consists of two reinforced concrete piers, 18 feet wide by 335 feet long, including dredging and filling, precast reinforced concrete piles, composite piles, reinforced concrete deck, timber and creosoted timber pile fender system and creosoted timber pile fender system and creosoted timber pile dolphins. Plans and specifications may be obtained by forwarding to the Bureau of Yards and Docks, Washington, D. C., or to the Commandant, Navy Yard, Mare Island, Calif., or to the Commandant, Naval Operating Base, Pearl Harbor, T. H., a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specification, which will be forwarded as soon as available.

NOTICE TO BIDDERS

Turlock Irrigation District and Modesto Irrigation District, Stanislaus and Merced Counties, California, Joint Storage Works, Spillway Gates, Don Pedro Dam.

Sealed proposals will be received at the office of the Turlock Irrigation District at Turlock, California, until 2 o'clock p. m., November 3, 1922, for the manufacture and delivery of the Spillway Gates of the Don Pedro Dam in Tuolumne County, California, involving the furnishing, fabricating and delivery of about 225 tons, principally of riveted steel plates and structural shapes, but including steel castings, iron castings, small sluice gates and hoists, welded steel pipe, large cast iron pipe fittings and pipe railings.

Detailed plans and specifications will be furnished upon application accompanied by a deposit of \$10—to be returned to the successful bidder and to all others upon the return by them of the plans and specifications in good condition.

The contract will be let to the lowest responsible bidder, but the Board reserves the right to reject any or all bids. Early delivery is important and the guaranteed time of shipment will be considered in the awarding of the contract.

Bidders may submit bids upon any or all schedules, but no proposal will

be considered for any part of a schedule.

Each proposal must be accompanied by a certified check for 5 per cent of the amount of the bid, payable to the Treasurer of the Turlock Irrigation District for the benefit of said districts as a guarantee that the bidder will, if successful, execute a satisfactory contract and furnish a bond in the sum of not less than 25 per cent of the amount of his bid for the faithful performance of the work in accordance with the plans and specifications, said bond to be subject to the approval of said Boards.

The proposal must be marked, "Proposal for Spillway Gates" and addressed, "Turlock Irrigation District and Modesto Irrigation District, Turlock, California."

Done in pursuance of orders of the Boards of Directors of the Turlock Irrigation District and the Modesto Irrigation District, this 10th day of October, 1922.

ANNA SORENSON,

Secretary of the Turlock Irrigation District.

C. S. ABBOTT,

Secretary of the Modesto Irrigation District.

NOTICE TO BIDDERS

(Opera Chairs)

At the regular meeting of the Board of Trustees, Hanford Joint Union High School district, held Monday evening, October 9, 1922, at the regular place of meeting, motion was made and carried that the Clerk of the Board advertise for bids to furnish opera chairs to complete seating the lower floor and for the required number to fully equip the gallery of the new Hanford Union High School as follows:

145 or more Opera Chairs with backs constructed with seven ply birch veneer, 3/4 inch thick; seats five ply birch veneer, 2-16 inches thick. Chairs mounted on metal standards and must conform with those now in the auditorium of the high school.

200 or more opera chairs for gallery. Any good opera chair may be submitted for consideration.

Prices on the above include installation.

A certified check for 10 per cent of the amount of the bid must accompany the same.

The board reserves the right to reject any or all bids. All bids must be delivered to G. W. Armstead, clerk of the board, at his office in the Southern Pacific Freight Station, Hanford, Calif., or delivered in person at the office in the high school building on or before 8:00 p. m., Wednesday, November 1, 1922 at which time bids will be opened.

G. W. ARMSTEAD,

Clerk of the Board of Trustees.

(Continued on Page 34)

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BRIDGES, DAMS & HARBOR WORK

SAN BERNARDINO, Cal.—All bids for construction of E. St. bridge were rejected by county supervisors and Highway Commissioner J. W. Cole was instructed to move old steel bridge from mouth of Santa Ana canyon to the South E. St. site.

SAN FRANCISCO—Plans for a \$6,500,000 concrete bridge across the Bay at Coyote Point are announced by Colonel F. E. Webb, of the Hensel Engineering Co., of New York. The structure will be financed by the Hensel Co. and the Keystone State Construction Co. and will be operated as a toll bridge. Application for a franchise to construct the bridge will be filed at once in San Mateo and Alameda counties. Provision will be made enabling the counties to purchase the bridge at any time they desire. It is proposed to start construction in February, 1923 and to complete work in September, 1924.

CALIFORNIA—Until Nov. 20, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. rein. conc. bridge consisting of 4 30-ft. rein. conc. girder spans with necessary bents, abutments and wing walls in Los Angeles county. Provision will be made enabling the counties to purchase the bridge at any time they desire. It is proposed to start construction in February, 1923 and to complete work in September, 1924.

NEWPORT BEACH, Cal.—Until 7:30 p. m., Nov. 6, bids will be rec. by City Clk. Alfred Smith, for dredging in Newport Bay in Municipal Imp. Dist. No. 1. Plans and spec. may be obtained from the city clerk. Cert. check or bond 10%.

MADERA, Madera Co., Cal.—Until Nov. 9, 2 p. m., bids will be received by L. W. Cooper, county clerk, to const. timber and concrete bridge over Berenda slough. Cert. check 10% required with each bid. Plans on file in office of clerk J. O. Rue, county surv.

VISALIA, Tulare Co., Cal.—Until Nov. 16, 2 p. m., bids will be rec. by Geo. R. Prestidge, county clerk, for hauling materials for use in constructing Bridge No. 62 over Salt Creek, a distance of approx. 2 miles. Materials to be hauled comprise approx. 555 tons gravel or crushed rock, 21,556 tons steel, 185 cu. yds. sand. Cert. check 5% required with each bid. Spec. may be had from Laurence A. Moye, county surv.

VISALIA, Tulare Co., Cal.—Until Nov. 16, 2 p. m., bids will be received by Geo. R. Prestidge, county clerk, to construct Rein. conc. bridge No. 63 over Salt Creek (under Prop. 1.) (2) 77.13 cu. yds. class B conc. in abutments; (3) 40 piles driven; (4) total for labor in erection complete with exception of abutments. Material will be furnished by county f. o. b. Roache siding. Cert. check 5% required with each bid. Laurence A. Moye, county survivor.

VISALIA, Tulare Co., Cal.—Until Nov. 16, 2 p. m., bids will be received by Geo. R. Prestidge, county clerk, to construct Rein. conc. bridge No. 64 over Salt Creek. Bids will be asked under two propositions: prop. 1, including material haul, and prop. 2, excluding material haul. Involves 152.56 cu. yds. class A concrete, above bottom deck girder and 241.17 cu. yds. class B conc. below bottom deck girder. Materials will be furnished by county f. o. b. Lemore siding. Cert. check 5% required with each bid. Spec. may be had from County Surv. Laurence A. Moye

VISALIA, Tulare Co., Cal.—Until Nov. 16, 2 p. m., bids will be rec. by Geo. R. Prestidge, county clerk, to const. rein. conc. bridges over streams crossing Visalia-Threes Rivers Highway, to be known as Bridge Slabs No. 65, A, B, C, D, E, F. Involves: Item 1, \$4.32 cu. yds. class A conc. No. 65 A-C-D; 2, 20.41 cu. yds. class A conc. pave. No. 65 A-C-D; 3, 48.09 cu. yds. class A conc. No. 65 B; 4, 23.77 cu. yds. class B conc. No. 65 B; 5, 11.03 cu. yds. class A conc. pave. No. 65 B; 6, 58.11 cu. yds. class A conc. No. 65 E; 7, 7.01 cu. yds. class A conc. pave No. 65 E; 8, 40.26 cu. yds. class A conc. No. 65 F. Materials will be furnished by county f. o. b. Farmerville and Lemon Cove siding. Cert. check 5% required with each bid. Laurence A. Moye, county survivor.

PHOENIX, Ariz.—Until 2:30 p. m., Nov. 9, bids will be received by Thos. Maddock, state engr., Phoenix, for constructing Holbrook-Lupton highway bridge at Sta. 425, near Lupton. Work consists of approx. 225 cu. yds. excav., 130 cu. yds. conc. steel superstructure, wooden deck (approx. 10,000 B. M.), and other incidental items. Cert. chks., 5%. Plans and spec. may be obtained upon payment of \$5.

MERCED, Merced Co., Cal.—Contracts to construct 3 rein. conc. bridges awarded by supervisors as follows: Bridge No. 92, Sup. Dist. No. 2, to C. C. Wright, \$3900; Bridge \$6 in Dist. 4 to Carlson Bros., \$1500; Bridge 109, Dist. 3 Merced Concrete Pipe Co., \$2783.

MARTINEZ, Contra Costa Co., Cal.—Bids were opened on October 23rd, by J. E. Wells, Clerk of Contra Costa County, for the construction of a wood truss bridge over Walnut creek on Division 27, county highway system, known as Ignacio Valley Road, just east of Thibn of Walnut Creek. R. R. Arnold, County Survivor.

The contract was awarded to The Renner Foundation Company, 628 Montgomery street, San Francisco. Following is a complete list of the bids: Renner Foundation Co., S. F., \$4135.80 Peter Peterson..... 4324.50 B. A. Bruce..... 4834.70

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, appropriates \$1877 to pay half of cost of const. conc. culvert in Richmond Ave. bet. Warren St. and Moss Ave. W. W. Harmon, city engineer.

BLTYHE, Cal.—Until 2 p. m., Nov. 10, bids will be received by Palo Verde Joint Reclamation Dist., Blythe, for excavation and embank. Involves approx. 367,000 cu. yds. earthwork and clearing 19 acres at Raab shoofly; for 247,220 cu. yds. excav. and clearing 126 acres for Raab bend channel correction; 195,700 cu. yds. excav. and clearing 75

acres for Hauser bend channel correction; \$1,000 cu. yds. excav. and clearing 80 acres for Casad bend channel correction. Plans and spec. may be obtained from H. G. Neuffer, chief engr., at Blythe. Herman Bahls, pres.

SAN FRANCISCO—Simmons Co., 198 Bay St., seeks permit from supervisors to construct steel bridge over Powell St., south of North Point St.

SAN RAFAEL, Marin Co., Cal.—Supervisors are advertising for bids to construct concrete culvert in Two Rock Road in Road District No. 4.

IRRIGATION PROJECTS

EL CENTRO, Cal.—Directors of Imperial Irr. Dist. have ordered the construction of main drain outlets for the proposed drainage system to the dist. to proceed by force account under the superintendence of Chief Engr. Ray S. Carberry, Calexico. Bids received for this work Oct. 10, were rejected. H. S. Thompson, bid 18c cu. yd. and P. E. Engh 27c cu. yd. on schedule 2. Dist. has nearly all equipment required for work.

OAKDALE, Stanislaus Co., Cal.—R. E. Hartley, superintendent of Oakdale Irrigation District will start crews repairing canals for which \$50,000 is available. Of the total amount \$10,000 will be expended for rock work at the head of canals and for widening tunnels.

SCAPPOOSE, Ore.—E. E. Wist, of the First National Bank Bldg., has been elected president of the Scappoose Drainage District, organized Oct. 4. Improvements planned in the district will cost about \$260,000.

SANTA BARBARA, Cal.—County farm advisor D. T. Batchelder is making investigations regarding an irrigation project proposed for Santa Ynez Valley. The work would involve a dam somewhere bet. Solvang and Gibraltarr. Engineers from the office of the surv. general have been making a preliminary survey.

WILLOWS, Glenn Co., Cal.—Jacinto Irrigation District plans to expend \$100,000 in drainage improvements, the average cost being about \$9 an acre.

DIXON, Solano Co., Cal.—Felix Swan, representing land owners and S. C. Hermann, engineer, backs movement to organize irrigation district comprising 60,000 acres in the district lying between Dixon and the west limit where the maximum elevation is 52 ft. est. cost \$2,200,000 or \$37 an acre. Another plan under consideration is the Putah Creek watershed as a possible source for a gravity system of irrigation, this to cost about \$6,000,000. Arthur Huston, of Woodland, is a prime mover in the project. Those interested are J. L. Kilkenny, R. H. Watson, J. H. Rice, Harry McFadyen, C. E. Sedgewick, W. T. Elbe, C. B. Kidwell, Otto Eggert, J. Rohwer, T. B. Stephens, Jeremiah Ahern, and Henry Schroeder.

PROSSER, Wash.—Immediate development of the Horse Heaven project of 225,000 acres, to which water was to be brought by means of a \$32,000,000 bond issue voted by the landowners and recently validated by the courts, has been held up due to the failure of contractor Howard Amon, of Portland, Ore., to file his \$6,000 surety bond. Amon was to take charge of construction and market the bonds. Judge Carroll B. Gravel, Central Bldg., Seattle, represents the district.

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LIGHTING SYSTEMS

LOS ANGELES, Cal.—H. H. Walker, 1812 W. 12th St., submitted low bid to board of public works at \$4786 for installing an orn. lighting system in Melrose Ave., bet. Western Ave. and Grandby Pl. Offer by J. C. Sparks, Cal. Elec. Co., \$4930; Paulson Constr. Co., \$4986; C. W. Sparks, \$512.29; Newbery Elec. Corp., \$5550.

H. H. Walker low bidder at \$17,557 for installing ornamental lighting system in Santa Monica Blvd., bet. St. Andrews Pl. and Serrano Ave. Other bidders were: So. Cal. Elec. Co., \$19,000; Paulson Constr. Co., \$19,229; C. W. Sparks, \$19,963; Newbery Elec. Corp., \$20,928.

HAYWARD, Alameda Co., Cal.—City council will adopt resolution ordering installation of electrolier system in Castro, Main, Ist, A, B and C streets, the main business section. Extensions will be made at a later date for lighting the residential districts. L. H. Goodwin, city engineer.

SACRAMENTO, Cal.—Property owners in 5th St., bet. J and K Sts. and 1 St., bet. 6th and 7th granted permission by council to install electroliers; work will be contracted for by city and financed by property owners. Albert Givan, city engineer.

MACHINERY

LOS ANGELES, Cal.—Until 3 P. M., Nov. 3, bids will be received by the public service commission, 297 S. Broadway, for 3000 1-in. lead hinge corporation step cocks and 3000 1-in. lead flange unions. Specification 628. Jas. P. Vroman, Secretary

LOS ANGELES, Cal.—Until 3 P. M., Nov. 17, bids will be received by the Public Service Commission, 297 S. Broadway, for 10,000 No. 1 meter boxes. Specification 629. Jas. P. Vroman, Secy.

STEAM SHOVEL CONTRACT LET
PASADENA, Cal.—Marion Steam Shovel Co. awarded contract by City Directors at \$15,977 for a 3½-yd. revolving type electric driven shovel, equipped with a gasoline driven generator set. Motor and equipment for taking power from city lines whenever convenient, can be substituted.

HANFORD, Kings Co., Cal.—U. S. Cast Iron Pipe and Foundry Co., Monahan Bldg., San Francisco, at \$67,500, f. o. b. Hanford, awarded contract by trustees for 1500 ft. 4-in. class C iron pipe. Other bids: American Cast Iron Pipe, \$67,500 per ton, f. o. b. Hanford; Horlock Cloy Co., \$122.70 per ton; National Cast Iron Pipe Co., \$55.45 per ton, f. o. b. San Francisco.

SANTA CRUZ, Santa Cruz Co., Cal.—American Cast Iron Pipe Co., Ballboa Bldg., San Francisco, awarded contract by council to fur. 2000 ft. 4-in. c. i. pipe with fittings; bid follows: pipe, \$1039; fittings, \$424.32; total, \$1734.32.

OROVILLE, Butte Co., Cal.—Until Nov. 6, 3 p. m., bids will be received by J. W. Hibson, city clerk, for installation of sewerage plant at Exposition building in Oroville. Spec. on file in office of clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—H. H. Miller, county clerk, will sell at public auction, Nov. 6, 3 p. m., a 2½-ton Fageol motor truck. Further information may be had from clerk.

SAN FRANCISCO—Until Nov. 13, 3 p. m., bids will be received by J. S. Dunnigan, clerk, Board of Supervisors for fur. one oil burning range, laundry machinery and hospital furniture. Proposal blanks will be furnished by clerk, Room 235, City Hall.

HARDWICK, Kings Co., Cal.—Until Nov. 2, 10 a. m., bids will be rec. by Leonard Hardwick, city engineer, District, to install pneumatic water pressure system. Spec. on file in office of County Supt. of Schools at Hanford may be obtained from Geo. M. Harfman, trustee of district, at Hardwick.

MARYSVILLE, Yuba Co., Cal.—Chamber of Commerce will secure designs and estimates of cost on the construction of dehydrators. The information will be obtained for raisin growers in District No. 10, Yuba County. It is proposed to call a special meeting in the near future to have dehydrator specialists submit plans.

EUREKA, Humboldt Co., Cal.—Contracts for sawmill machinery for the new Dolben-Carson Electric Mill, now under construction, have been awarded. Sumner Iron Works, of Everett, Wash., awarded contract for approx. 500,000 lbs. machinery; Aliss Chalmers Co., Milwaukee, approx. 250,000 lbs. and D. J. Murray Mfg. Co., Warsaw, Wis., for 167,000 lbs. Contract prices and description of materials are not available.

BENICIA, Solano Co., Cal.—Until Oct. 31, 8 p. m., bids will be rec. by J. C. MacAravy, city clerk, for fur. and del. motor truck, to have wheel base of approx. 10 ft., with four cylinder motor to develop no. less than 20 hp., more than 3½ h. p. fitted with Artillery type wheels with 21x14½ in. pneumatic tires. Springs to be semi-elliptic front and rear. To be equipped with regular equipment, electric starting and lighting system, generator storage battery, head lights, tail light, speedometer, ammeter, mechanical horn, extra rim, complete set of tools, including tire pump and jack. To be capable of developing up to 50 miles per hour.

Bids are also desired to change equipment from present chemical engine owned by city to above truck.

REDFEY, Butte Co., Cal.—Until Nov. 4, 8 p. m., bids will be rec. by W. A. Walden, clerk, Gridley Union High School District, for fur. and install. one Joiner for manual training department. Spec. call for bids, city clerk at office of Diamond Match Co., Sycamore and Washington Sts., Gridley.

GRIDLEY, Butte Co., Cal.—Until Nov. 13, 8 p. m., bids will be received by Marion Deenen, clerk, Redfey Joint Union High School District, for fur. and del. one Ford, Model T, 5 passenger touring car, equipped with self starter and demountable rims; prices to be f. o. b. Redfey, set up and in running order. Spec. may be had from clerk.

BAKERSFIELD, Kern Co., Cal.—Until Nov. 9, 7:30 p. m., bids will be rec. by E. R. Long, secy. Board of Education, for one Model United States H-34 automatic two stage air compressors with 3-4 h. p. motor or equal f. o. b. Bakersfield. See call for bids under official proposal section in this issue.

BAKERSFIELD, Kern Co., Cal.—Until Nov. 9, 7:30 p. m., bids will be rec. by E. R. Long, Board of Education, to drill wells and for water per systems at Primavera Park School. See call for bids under official proposal section in this issue.

RAILROADS

OMAHA—Union Pacific Railway Co. is having plans prepared by its engineering department at Omaha for the new shop bldg. to be erected near Belvedere Gardens. Bldgs. will include a 50-stall roundhouse and a number of large shops of brick constr. Plans will be ready for figures early next week. Bids to be taken through the local engineering dept. Plans are being prepared by local engineering office for substitution of the industrial tract, the work will include about 12½ mi. of concr. and asph. paving, 4000 ft. of sewer, railway tracks, etc. Development of the machine shop tract will require about \$100,000 worth of grading and installation of 30 miles of railway track.

SANTA BARBARA, Cal.—Pacific Southwestern Ry. Co., has been granted permission by state railroad commission to sell stock to build a standard gauge railroad bet. Lompoc and White Hills, a distance of 4 miles. The company is incorporated for \$100,000. The company has also applied for permission to extend its rails across certain alleys and streets in the city of Lompoc.

WASHINGTON, D. C.—Los Angeles and Salt Lake R. R., authorized by Interstate Commerce Commission to construct 22 miles of railroad from Land to Cedar City, Utah, at approx. cost of \$758,000. Line will tap deposits of iron ore. There are 2,500,000 miles of rural highway in the United States.

TWIN FALLS, Idaho—The Idaho Central Railroad Co., backed by the Western Pacific Railway Co., will complete, within a year's time, 30 miles of railroad to connect Twin Falls with the W. P. and S. P. lines at Wells, Nev., according to Conrad Wolfley, of San Francisco, president of the Idaho Central Railroad Co. The line will cost approximately \$1,600,000.

CRESCENT CITY, Cal.—Reports here indicate that construction on the California-Oregon Coast Railroad between Grants Pass, Ore. and Crescent City, Cal. may be revived in 1923. Indirect advisers of financial negotiations for completion of the road have been received by officials of the S. P. Co. and the Oregon State Bureau of Mines and Geology. The road, designed to open up the Oregon coast and extend to northern coast of Superior California, was begun prior to the war under the guidance of Robert E. Twoby and construction was completed from Grants Pass west to Waters Creek, a distance of 15 miles. The survey of the line calls for running up the Illinois river, tunneling through the divide and then down South River to Crescent city. The cost of the 85 miles of track is estimated at \$3,000,000.

FIRE EQUIPMENT

CAMMEL, Monterey Co., Cal.—City trustees contemplate purchase of motor driven fire truck. Fire department favors purchase of White La France engine costing \$6152.

PORTLAND, Ore.—Until Nov. 10, 2 p. m., bids will be received by S. C. Pier, City Purchasing Agent, Room 208, City Hall, for 100 fire hydrants for Bureau of Water Works. Spec. may be had from above.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

SANTA ANA, Cal.—Until 11 a. m., Nov. 8, bids will be received by supervisors to resurface East Chapman Ave., bet. city limits of Orange and Prospect Ave., with 5-in. asph. conc. or 5 in. reinf. conc., in four-lane road dist. Plans and spec. on file with supt. of highways in the court house. Cert. chk. or bond \$25,000. J. M. Backs, clerk.

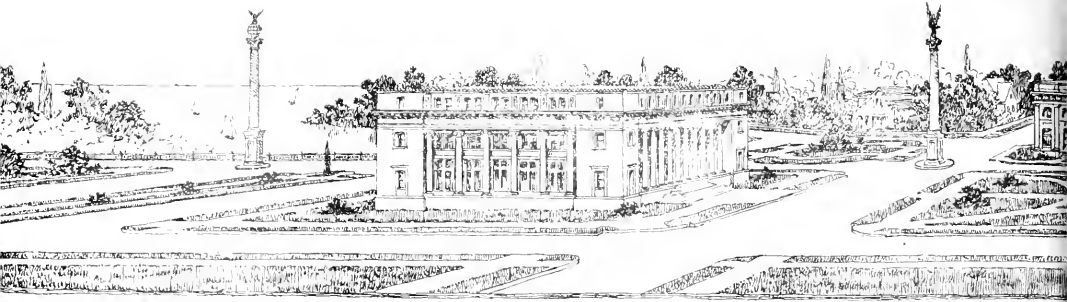
RIVERSIDE, Cal.—Geo. M. Pearson, La Verne, will be awarded contract by supervisors at \$23,223 to construct an asph. macad. pavement on the Elsinore-Corona road, involy. 2862 cu. yds. excec. at 14c per cu. yd. also 12,000 sq. yd. roadbed at 17c ft.; 128,000 sq. ft. 5-in. macad. pavement at 16c ft.; 194 cu. yds. conc. in culvert end walls, at \$20 yd.

LOS ANGELES, Cal.—J. G. Beckford, 718 San Fernando Bldg., awarded contract by supervisors at \$11,500 for paving with oil and screenings, constructing curbs, gutters and Corona Aves., bet. Bell and Florence Aves., 36 mi., R. D. I. No. 228.

ALHAMBRA, Cal.—Until 8 p. m., Nov. 6, bids will be rec. by R. D. Williams, city clerk, to const. 8-in. vit. pipe sewers in Rushnell Ave., Electric Ave., Los Robles Pl., Marguerita Ave. and in other avenues and streets, a total of 15,755 lin. ft., also 4-in. cast-iron house sewer in curb line.

EUREKA, Humboldt Co., Cal.—Until Nov. 13, 7:30 p. m., bids will be rec. by Geo. B. Albee, City Supt. of Schools, to construct sewer system connecting the high school gymnasium with J. St. sewer. Terms of contract payable to Eureka High School District required with bid. Plans may be had from Board of Education.

(Continued on Page 20)



COMMISSIONERS OF THE CITY OF STOCKTON

CITY HALL

Hon. D. P. Cleeve, Mayor
 Hon. P. A. Krayon, Com. of Pub. Wks.
 Hon. T. B. Littleton, Com. Fin. Rev. & Supplies
 Hon. D. J. Martin, Com. of Audit
 Hon. C. O. Smith, Com. Pub. Health & Safety
 A. L. Banks, City Clerk
 W. B. Hogan, City Engineer

CIVIC CENTER FOR BY THE CITY

Some months ago when the Stockton city council, after choosing a site for a municipal auditorium, selected a site in the same vicinity as a location for the city hall, it became evident that the city officials favored the creation of a civic center. Not long after the agreement as to the location of the two edifices was reached the council announced its position favoring a civic center and requested the architects appointed in connection with the two buildings to draw comprehensive plans for the development of a civic center with the auditorium as the nucleus. A plan was submitted by the city hall architects and another by the auditorium architects. The latter plan was more generally approved.

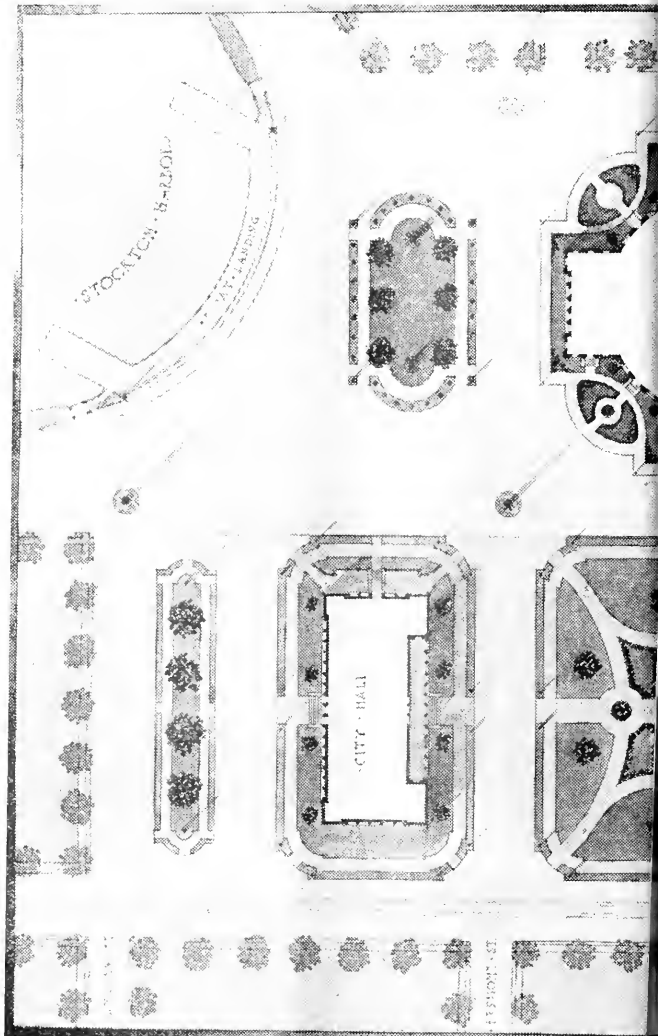
The civic center under the plan approved will be within the area bounded by Commerce, El Dorado, Park and Lindsay streets. When the plan has been fully developed the three edifices will be the auditorium, city hall and library.

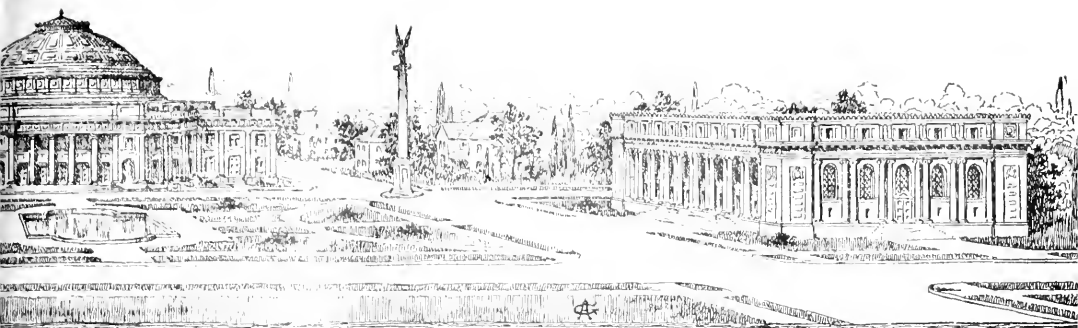
Probably the biggest feature in connection with the carrying out of the plan is the contemplated filling in of McLeod lake from El Dorado street to a point west of Center street. The council has already started negotiations to secure permission to make this fill. City engineer W. B. Hogan is now at work preparing plans of the contemplated fill and an application to the war department will be made shortly.

The plan approved, however, does not necessitate the filling in of the lake before any part of the scheme can be carried out. Construction of the auditorium and city hall can be carried on immediately as both buildings are to be located on firm ground, one on either side of the lake area.

The city has already purchased the block bounded by Center, Fremont, Commerce and Oak streets as the site for the municipal auditorium. It has also purchased the block bounded by El Dorado, Lindsay, Fremont and Center streets as the site for the city hall. The auditorium will cover practically the entire site purchased, while the city hall will occupy a little less than half of the block, leaving the rest for use for widening streets and for beautification.

When the McLeod lake area is filled in an area bounded by El Dorado, Center, Oak and Fremont streets will be



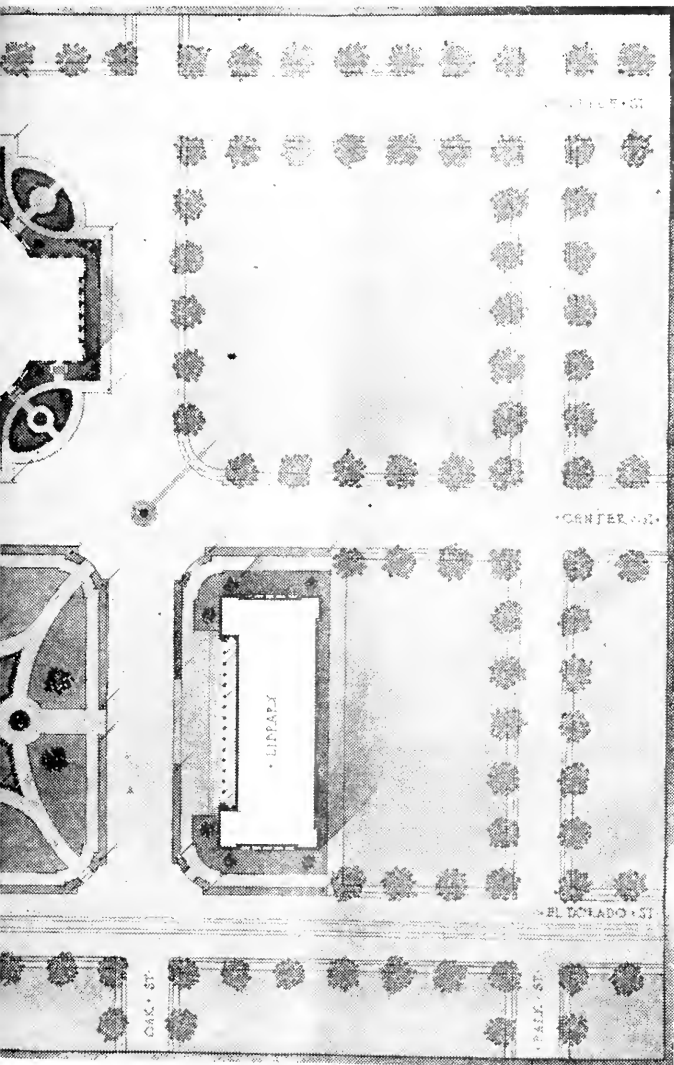


AUDITORIUM CITY OF STOCKTON ARCHITECTURAL COMMISSION

LIBRARY

CITY ARCHITECTURAL COMMISSION

Glenn Allen, President
 Wm. J. Wright, Vice-President
 Louis S. Stone, Chairman Ex. Com.
 Franklyn E. Warner, Secretary
 Ivan C. Satterlee, Treasurer
 J. M. Burke, Engineer



developed into a beautiful park. It is upon this park that all of the buildings in the center will front.

According to Glenn Allen, chairman of the city architectural commission which prepared the plan, Fremont, Oak and Lindsay streets from El Dorado to Commerce street will be widened eighty feet. The purpose of widening the streets is to create parking for automobiles and a wide thoroughfare for traffic. Besides the unusually wide streets there will be a large area along Center street and near the waterfront where machines can be parked. The architects have endeavored to provide sufficient parking space to handle the crowds that will visit the auditorium.

The only extensive area the city would have to purchase to carry out the plan would be the south half of the block bounded by Center, Oak, El Dorado and Park streets, the library site. The library would occupy the greater part of this area. Its style of structure and location would conform and harmonize with the city hall.

The city hall is to be located on the north half of the block selected. The structure itself will front on the large park area caused by filling the lake and a wide street. On the south half of the block will be a small strip of park extending from El Dorado to Center street.

The remainder of the area would be used to widen the street and create parking area. A small street extending from El Dorado to Center street between the structure and the small park would give access to the city hall.

In the final preparation of the comprehensive plan for civic center development the auditorium architects and the city hall architects have conferred together and determined that the style of architecture and design shall be in harmony. Color and beautification schemes shall all be in harmony so that the center idea will be carried out to the fullest extent.

Besides the large park on which all of the edifices will front the architects have provided for a smaller park south of the auditorium and the strip of park south of the city hall. Ample space will be created at various points in the center for statues and other beautification schemes. In the central park the architects have planned for a fountain and pool, ornamental walk and ample shade.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

(Continued from Page 17)

FRESNO, Fresno Co., Cal.—City Council plans widening of Harrison, Thomas and Belmont Streets, opening of Safford St., and closing of Acadia St., at a cost of \$29,290. Wm. Stranahan, city engineer.

CALIFORNIA—Until Nov. 20, 2 p. m., bids will be rec. by State Highway Com. Forum Bldg., Sacramento, to surface with asphalt, conc. 9 in. into Merced Co., Road and Broadway, involving 73,292 sq. ft. 8-in. macadam paving, curb, walk etc.

GLENDALE, Cal.—E. L. Fleming, 1007 S. Boynton St., Glendale, awarded contract by council at \$15,507.30 for paving East Wilson St., bet. Verdugo Rd. and Broadway, involving 73,292 sq. ft. 8-in. macadam paving, curb, walk etc.

FRESNO, Fresno Co., Cal.—Thompson Bros., 1514 H St., Fresno, submits low bid to city council to improve Fergus Ave., bet. Olive and Belmont Sts., by grading, const. conc. curbs and gutters; conc. walks; manholes, culverts, and paving with asphalt. Other bids: Calif. Rd. and St. Imp. Co., \$36,328; Federal Const. Co., \$37,290. Bids taken under advisement. Wm. Stranahan, city eng.

FRESNO, Fresno Co., Cal.—Thompson Bros., 1514 H St., Fresno, at \$36,328, submits only bid to council to const. 6-in. vit. sewer in Block 16 of the Paige Tract.

GLENDALE, Cal.—Peter L. Perry, 614 E Acadia St., Glendale, awarded contr. by council at \$16,275.93 for paving Patterson, Fairmont and Chester Sts., involving about 12,814 sq. ft. 5-in. macadam paving, 47,235 sq. ft. 5-in. macadam paving, curb, gutter, etc.

VENICE, Cal.—Res. of intent, adopted by city trustees to pave Ocean Ave., Carroll Ave. and Linnie Ave. and other streets and avenues, with 5-in. and 4-in. conc. coner. 1911 Act.

SANTA ANA, Cal.—Until 11 a. m. Nov. 8, bids will be rec. by supervisors for surfacing Laguna Blvd. from Irvine Station south approx. one mile with asphalt, conc. pavement or White pavement in Fifth Rd. Dist. Plans and specifications on file with County Surveyor. Certified check or bond 5%. J. M. Lacks, Clerk.

SAN FRANCISCO—Louis J. Cohn, at \$17.30 each, submits low bid to Board of Public Works to build and erect 416 street signs. Other bids: Butte Elec. & Mfg. Co., \$18.63; Speck Mfg. and Gear Co., \$17.70; Moise-Klinkner, \$17.73; Schulz Const. Co., \$17.65.

MODESTO, Stanislaus Co., Cal.—Until Nov. 14, 10 a. m. bids will be received by C. C. Eastin, Jr., county clerk, to const. 1236.12 lin. ft. bit. conc. pavement 18 ft. wide in 12-in. thick, concrete, 32-in. bit. conc. base with 1½-in. Warrentite-Bitulith surface, commencing at Tarlock city limits. Cert. check 10% required with each bid. Spec. may be had from county survey. J. H. Hoskins.

LOS ANGELES, Cal.—Until 11 a. m., Nov. 6, bids will be rec. by supervisors to improve 10th St. from E. 17th Ave. bet. Baker and Bell Sts., and portions of other streets, about 2.6 mi. or 13,740 lin. ft. (R. D. J. No. 215), involv. 5820 cu. yds. excav., 4564 sq. yds. shaping roadway, 23,660 cu. yds. screening and rolling; 25,650 ft. curb; 102,765 sq. ft. walks; catchbasins complete. Materials required: 2108 bbls. conc.; 1941 tons gravel; 332 tons screenings; 252 bbls. No. 90 oil; 75 lbs. steel, 10 ft. 18-in. vit. pipe, 1028 pieces expansion joints, 762 lbs. lamp black, one manhole cover. Est. contr. price, \$43,320.75.

SANTA ANA, Cal.—Until 7:30 p. m., Nov. 1, bids will be rec. by city trustees to const. Sec. A of joint outfall sewer, about 22,100 ft. of 42-in. rein. conc. or segmental block pipe.

SAN FRANCISCO—Chas. L. Harney at \$184 submits low bid to Bd. of Pub. Wks. to improve Lyon St., bet. Golden Gate Ave. and Turk (where not) involving 484 sq. ft. conc. pavement. John O'Hara bid \$174.

Municipal Imp. Co., at \$1091 submits low bid to imp. Leary St., bet. Silver Ave. and pt. 100 ft. south of other. Other bids: J. J. Tobin, \$1541; Jas. B. McElroy, \$1726; Peter McHugh, \$1863.

City Const. Co., only bidder at \$1711 to improve Montrie St., bet. Eugenia and Powhattan.

OAKLAND, Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, awarded contract by council to improve portions of Bartlett St.; grading, 9.93 sq. ft.; conc. curb, .75 lin. ft.; conc. gutter, .235 sq. ft.; oil macadam pavement, \$132 sq. ft.

GLENDALE, Cal.—Until 7 p. m. Nov. 2, bids will be rec. by City Clerk A. J. Van Wie, for the following street improvement work under the Green Act: Kenneth Rd., bet. Sonora Ave. west of the city limits, involving 4765 lin. ft. grading, 3168 lin. ft. class B curb, 22.84 sq. ft. 5-in. macadam paving, 19 cu. yds. conc. in storm drain (laying only), 1981 lin. ft. 6-in. cast iron water pipe and 32 lin. ft. 4-in. cast iron water pipe, and orn lighting system.

MERCED, Merced Co., Cal.—T. A. Hamdani, 1261 F St., Fresno, at \$571.99, submits low bid to supervisors for improvements R. 124, Imp. Dist. No. 3. Other bids: Clark and Henry Const. Co., \$399,500; Valley Paving Co., \$385,333; V. R. Dennis Const. Co., \$408,287; Warren Const. Co., \$392,500.

ST. JOHN'S, A. Z.—Until 2 p. m. Nov. 1, bids will be rec. by Apache county highway commission, at \$1000, for constructing St. John's-Springsville highway, federal aid project No. 60. Work will involve approx. 2,800 cu. yds. excav., 32,000 cu. yds. borrow, 167,000 cu. yds. surfacing, 200 cu. yds. concrete, and other incidental items. Cert. chks. 5%. Plans and spec. may be obtained from the county highway eng., or from the Merced State eng., Phoenix, upon payment of \$5.

SACRAMENTO, Cal.—Until Nov. 2, 9 a. m., bids will be received by H. G. Denton, clerk, to alter to improve alley bet. Y. W. 15th and 19th Sts., grading; const. conc. catchbasins; 6-in. vit. manhole connections; reconstruct manhole; 5-in. water main connections; extend drainage 6-in. vit. sewer service to property line; paving with 5-in. hyd. conc. Albert Givan, city engineer.

SACRAMENTO, Cal.—City Council, H. G. Denton, clerk, declares intention to improve 43rd St., bet. J and manhole in alley first south of H St., grading; const. conc. curbs and gutters; extend drainage 6-in. vit. manhole connections; reconstruct manholes; paving with 5-in. asphalt conc.

Intention declared to improve alley bet. 12th and 9th Sts., grading; conc. curbs, gutters and catchbasins; 6-in. vit. manhole connections; reconstruct manholes; paving with 5-in. hyd. conc. Intention declared to improve alley bet. J.K. 26 and 27th Sts., grading; const. catchbasins; 6-in. vit. manhole connections; reconstruct manholes; paving with 5-in. hyd. conc. Albert Givan, city engineer.

VENICE, Cal.—Res. of intent, adopted by city trustees Oct. 16, to grade and pave with 5-in. conc. concrete Rose St., bet. 6th and 7th Aves., 1911 Act.

SAFFORD, Ariz.—Lee & Son Const. Co., 204 Two Republics Bldg., El Paso, Tex., submitted low bid to state highway department and Graham county highway commission, at \$150,000, using conc. for constructing 6.5 miles highway bet. Safford and Globe, known as federal aid project No. 43, the first and last section of the highway, through the main irrigation district in the upper Gila valley Phoenix-Tempe Stone Co. bid \$164,000 using asphalt con-

crete. Pavement is 18 ft. wide, 6-in. thick. Thomas Maddock, state eng., Phoenix.

SANTA MONICA, Cal.—Ord. of intent, adopted by city council to improve alleys in blocks L and M, Palisades, by grading and paving with 2½-in. concrete base and 1½-in. Warrentite-Bit. surface, constr. 6-in. vit. pipe house sewers, manholes; 1911 Act.

SAN MATEO, San Mateo Co., Cal.—City Trustees abandon proceedings to pave streets west of the S. P. tracks. This action delays the improvement of Laurel Ave., streets in Hayward addition, certain streets in El Cerrito and San Mateo Parks and other unpaved sections of the west side. New proceedings will be undertaken next year. G. S. Whitehead, city engineer.

MERCED, Merced Co., Cal.—Until Nov. 6, 3 p. m., bids will be received by J. W. Spagnoli, clerk, Merced Union Elementary School District, to grade and pave approx. 1,558 sq. ft. streets flooding school property, portions of 13th, 14th and 15th Sts. Spec. on file in office of city clerk.

FRESNO, Fresno Co., Cal.—Until Nov. 2, 3:30 p. m., bids will be received by R. Y. St. George, city clerk, to improve Weldon Ave. bet. Maroa Ave. and east city limits by grading; conc. curbs, gutters and walks; corr. metal culverts with culvert manholes; paving with 3½ in. asphalt conc. base with 1½-in. Warrentite surface. 1911 Act. Wm. Stranahan, city engineer.

VISALIA, Tulare Co., Cal.—City Council, Ida Markham, clerk, declares intention to improve E-Main St., bet. Clark and East city limits; grading, paving with 4-in. conc. base with 1½-in. Warrentite surface; const. conc. curbs and gutters; corr. iron culverts, 1915 Bond Act. Protests Nov. 6. L. H. Gadsby, city eng.

HANFORD, Kings Co., Cal.—Until Nov. 8, 11 a. m., bids will be received by E. P. Picklerick, county clerk, to grade 3 miles of road No. 888, in Dist. 1. Roy May, county survey.

OAKLAND, Cal.—Until Nov. 2, 11 a. m., bids will be rec. by E. K. Sturgis, city clerk, to improve portions of E-12th St., by grading; conc. curbs and gutters; paving with oil macadam; 2 corr. iron culverts, 1911 Act. W. W. Harmon, city eng.

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CARSON CITY, Nev.—Following are approx. quantities of materials required for projects for which the State Highway Commission will consider bids on Nov. 8:

Churchill county: 1½ miles east of Salt Wells to Sand Springs, 4.06 miles in length; 2500 cu. yds. load and screen gravel; 10,640 cu. m. haul gravel; 30,000 cu. yds. spread and compact gravel and prepare existing surface.

Lyon & Churchill counties, 2.8 miles east of Salt Wells to Hand gravel pits; 33,500 cu. yds. unclass. excav.; 2217 yds. sta. overhaul; 9.73 miles prepare subgrade and shoulders; 15,580 cu. yds. load and screen gravel; 12,000 yds. m. haul gravel; 15,000 cu. yds. spread gravel; 230 cu. yds. class A and 55 cu. yds. class B conc.; 241 lin. ft. 15-in. 423 lin. ft. 18-in. and 453 lin. ft. 24-in. corr. metal pipe, complete in place; 26 lin. ft. 24-in. corr. metal siphon, complete in place; 60 monuments; 2 sign posts.

Humboldt County, from south county line to 10 miles north of Gravel pits, involv.: 42,200 cu. yds. unclass. excav.; 12,39 miles prepare subgrade and shoulders; 20,660 cu. yds. load and screen gravel; 24,000 cu. yds. m. haul gravel; 192 lin. ft. 15-in.; 292 lin. ft. 18-in.; 36 lin. ft. 24-in. corr. metal pipe, complete in place; 56 monuments.

Geo. W. Eorlen, state highway engineer.

VISALIA, Tulare Co., Cal.—An appropriation of \$54,000 for the completion of the Middle Fork road into the Giant Forest has been approved and will be available next year if the budget is passed by congress.

SAN BERNARDINO, Cal.—State highway commission has \$350,000 available for the construction of the Victorville-Barstow link in the Old Trails Highway. There is an additional \$350,000 provided for the stretch bet. Barstow and Needles. Supervisor C. S. Crain has been instructed by the commission to secure rights of way bet. Victorville and Barstow.

LOS ANGELES, Cal.—R. H. Travers, 915 Pantegate Theatre Bldg., submitted low bid to superintend at \$569,000 to const. conc. pipe tunnel from near the county shops to Juvenile Hall. Other bids were: Marco Mattek, \$5750; Watson & Hunter, \$5277; Chas. G. Frisbie, \$5344; Louis A. Geisler Co., \$10,460.

CALIFORNIA — Southern Counties Gas Co., authorized by State R. R. Commission to sell \$386,000 of 1st mortgage 1½% bonds, the proceeds to finance construction of extensions, additions and betterments to the plant.

SAN FRANCISCO—Until Nov. 8, 3 p. m., bids will be received by Board of Public Works for the following street

Buchanan St., bet. Herman and DuBoise Ave., involving 22,091 cu. yds. cut, 122 lin. ft. conc. curb; 379 lin. ft. 8-in. pipe sewer; 24 8-in. wye branches; 2 br. manholes; 4364 sq. ft. vertical fiber br. pavement and 7715 sq. ft. asph. conc. pavement.

Tremblay St., bet. Mission and Congdon, involy. 2000 cu. yds. fill; 2008 cu. yds. cut; 1733 lin. ft. conc. curbs; 712 sq. ft. art. stone walks; 27,955 sq. ft. asph. conc. pavement; 7 br. manholes; 182 lin. ft. 10-in. vit. pipe culvert.

37th Ave., bet. Geary and Anza, involy. 1200 lin. ft. conc. curbs; 8400 sq. ft. vertical fibre brick pavement; 15,600 sq. ft. asph. conc. pavement; 8325 sq. ft. art. stone walks.

Folsom St., bet. Crescent and 150 ft. southerly, involy. 150 lin. ft. 8-in. vit. etone pipe sewer with 14 wye br.; 1 br. manhole.

45th Ave., bet. Judah and Kirkham, involy. 300 lin. ft. 12-in. and 185 lin. ft. 8-in. vit. pipe sewer; 2 br. manholes; 24 12-in. and 24 8-in. wye branches; 7 6-in. side sewers.

Ocean Ave., bet. Harold and Ashton Aves., involy. 6650 sq. ft. art. stone walks.

Ware Ave., bet. San Bruno and Paul Aves., involy. 286 cu. yds. cut; 650 cu. yds. fill; 80 lin. ft. conc. curb; 12,064 sq. ft. asph. conc. pavement.

Flood Ave., bet. Detroit and Congo, involy. 550 cu. yds. cut; 390 cu. yds. fill; 1200 lin. ft. conc. curb; 18,000 sq. ft. asph. conc. pavement.

MERCED, Merced Co., Cal. — Until Oct. 31, 7:30 p. m., bids will be received by W. L. Chappell, city clerk, to pave link, incl. pavement and county highways, involy. approx. 1230 cu. yds. conc. 20-ft. wide, 5-in. thick, culverts, etc. Plans obtainable from office of Eng. A. E. Cowell, Merced.

OAKLAND, Cal.—City Council, E. K. Sturges, clerk, declares intention (Res. 25056) to const. 8-in. sewer in "Whitmore" area, adjacent sewer right of way from Broadway, easterly; 3 br. manholes; 2 vit. pipe lampholes; vit. drop connections and wye branches. 1911 Act. Proct. No. 16, W. W. Harmon, city engineer.

MERCED, Merced Co., Cal.—Supervisors reject bids to pave 14 miles of road in Rd. Imp. Dist. No. 3. Specifications will be revised and new bids asked for, indicating that the district, under the new proceedings, will be known as Rd. Imp. Dist. No. 4. T. A. Hanrahan, Fresno, submitted low bid at \$374,999. A. E. Cowell, Merced, engineer.

LOS ANGELES, Cal.—Until 10 a. m., Nov. 6, bids will be rec. by Board of Public Works for improving under the Vrooman Act, the following streets: Gaffey St., bet. 19th and 22nd Sts., involy. 87,603 sq. ft. grading, 85,682 sq. ft. asph. paving (5-in. base with 1½-in. wear), 1221 sq. ft. 12-in. conc. paving, 4202 sq. curb, 8899 sq. ft. walk, 4632 sq. ft. gutter, 621 ft. house sewers, 7985 cu. yds. cut.

Gambler St., bet. El Sereno Ave. and west line of Tract 1467, involy. 7219 sq. ft. walk, 78 cu. yds. cut.

Norton Ave., bet. Pico Ave. and 1081.76 ft. south, involy. 14,695 sq. ft. grading, 44,695 sq. ft. conc. paving, 28 ft. curb, 1290 cu. yds. cut.

Alley W. of Maple Ave., bet. 11th and 12th Sts., involy. 11,916 sq. ft. grading and conc. paving, 393 cu. yds. cut.

Edendale Pl., bet. Edendale Terrace Tr. and Glendale Blvd., involy. 9041 sq. ft. 5-in. conc. paving, 9791 sq. ft. grading to finish subgrade, 935 ft. curb 4139 sq. ft. walk, 1290 cu. yds. cut, 140 ft. house sewers.

MERCED, Merced Co., Cal.—Until Nov. 6, 8 p. m., bids will be rec. by W. W. Cornell, city clerk, to improve 13th St., bet. P and N; N St., bet. 13th and British Colony Rd.; Extension and British Colony Rd. Extension to west city limits, including intersections from P St. to west city limits; br. grading, paving 20-ft. wide with 4-in. asph. conc. with seal coat; wooden bulkheads; corr. iron culvert, 1915 Bond Act. C. D. Martin, city eng.

TULARE, Tulare Co., Cal.—City trustees have called for bids for paving approx. 100,000 sq. ft. of city streets; est. cost \$40,000. C. W. Cook, city clerk.

GLENDALE, Cal.—Until 7 p. m., Nov. 6, bids will be received by City Clerk A. J. Van Wie for improving following streets under Vrooman Act: Fairmont Ave. and Pioneer Dr., involy. about 1190 lin. ft. grading, 35,700 sq. ft. 3-in. macad. and 1221 ft. (laying only) 4-in. C. I. water pipe, including service pipes.

Marile St., Pacific to Chester, involy. about 1551 lin. ft. grading, 47,720 sq. ft. 3-in. macadam, and 1551 ft. (laying only) 4-in. C. I. water pipe, including service pipes.

BERKELEY, Alameda Co., Cal.—Chamber of Commerce will petition city council to widen Telegraph Ave., and Bancroft Way by cutting off 2-ft. on each side of curb from Dwight Way to Sather Gate on Telegraph Ave., and from Telegraph to Dana St., in Bancroft Way. C. L. Huggins, city eng.

OAKLAND, Cal.—City Council, E. K. Sturges, clerk, declares intention to construct 8-in. vit. sewer in 75th Ave., bet. Beck St. and pt. 285 ft. southwest 1/4 lamphole; vit. wye branches for each 50-ft. lot frontage. 1911 Act. Proctets Nov. 16, W. W. Harmon, city eng.

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Phone Stockton 847

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Gibson, W. T.
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Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am't
3830	Thomas	Owner	7000
3831	Hanna	Taylor	1850
3832	Reinke	Wilson	3000
3833	Rushton	Rushton	6000
3834	Feno	Phillips	16635
3835	Bromberg	Wilson	4000
3836	California	Owner	7000
3837	National	Barrett	1000
3838	Judeli	Owner	13500
3839	Consani	Cox	6355
3840	Gump	Hansen	38350
3841	Seamen	Strand	33325
3842	Cervierere	Owner	8750
3843	Wilson	Owner	4000
3844	Nelson	Owner	12000
3845	Kahr	Edminister	1100
3846	Fitzhugh	Williams	2100
3847	Deneigri	Ferreccio	7500
3848	Mallan	Smith	3250
3849	Cristiani	Owner	1000
3850	Stocks	Jose	60050
3851	Cristophos	Frachella	1000
3852	Reeso	Walters	5075
3853	Pacific G & E	Kitchen	2943
3854	Bothin	Cahill	38500
3855	Arnott	Owner	2800
3856	Arnott	Owner	2800
3857	Anderson	Owner	2000
3858	Anderson	Owner	2000
3859	Colton	Sandow	5750
3860	Midbust	Owner	10000
3861	Lee	Owner	5000
3862	Barr	Parker	4000
3863	Lang	Arnott	5800
3864	McCarthy	Arnott	2800
3865	Anderson	Meyer	9000
3866	Same	Same	12000
3867	Geary	Meyer	12000
3868	Meyer	Meyer	6000
3869	Same	Same	18000
3870	Fiske	Owner	4000
3871	Hueter	Bexton	10000
3872	Same	Same	10000
3873	Douglas	Callaghan	2000
3874	Stoff	Carson	4000
3875	Hubbell	Hantsche	10000
3876	O'Brien	Owner	12000
3877	Simon	Barrett	25000
3878	Ellis	Owner	18000
3879	Skelle	Carlson	1975
3880	Stoeckle	Adler	11900
3881	Smith	McGinn	4000
3882	S F Sulphur	Paulson	35000
3883	S F Francis	Allen	8216
3884	Nelson	Neal	6180
3885	Rose	Leiber	11250
3886	Fasce	Benedetti	4600
3887	Goyach	Owner	10000
3888	Stein	Owner	14000
3889	Fazzi	Sharmar	8000
3890	Higginson	Owner	3500
3891	Misrack	Owner	3000
3892	Conner	Merritt	1000
3893	Cervierere	Ingraham	14500
3894	Magendie	Clausen	38722

FRAME FLATS

(3830) S CALIFORNIA 32-6 W Twenty-fourth Ave. Two-story and basement frame (2) flats.
Owner—J. C. Thomas, 380 20th Ave., San Francisco.
Architect—None. \$7000

ADDITION

(3831) NO. 2505 DIVISADERO. Addition of servant's room and sun porch to residence.
Owner—R. J. Hanna, Premises

Architect—Geo. W. Kelham .Sharon Bldg., San Francisco.
Contractor—Taylor & Jackson, 290 Tehama St., San Francisco. \$1850

DWELLING

(3832) E NINTH AVE 27 S Moraga. One-story and basement frame dwelling.

Owner—R. C. Reinke, 215 29th Ave., San Francisco.

Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.

Contractor—Wilson & Benson, 336 Ash-ton Ave., San Francisco. \$3000

FLATS

(3833) W TWENTY-NINTH AVE 100 S Geary. Two-story and basement frame (2) flats.

Owner—C. P. Rushton, 503 23th Ave., San Francisco.

Architect—H. E. Harris, 815 Balboa St., San Francisco.

Contractor—C. A. Rushton, 503 23th Ave., San Francisco. \$6000

RESIDENCE

(3834) SW TWENTY-THIRD & YORK. Two-story frame residence in connection with bakery establishment.

Owner—Ferry Bros., 2823 23rd St., San Francisco.

Architect—Charles Fantoni, 550 Montgomery St., San Francisco.

Contractor—V. Filippis, 1527 Powell St., San Francisco. \$16,600

DWELLING

(3835) W WESTWOOD DRIVE 376 N Wildwood. One-story and basement frame dwelling.

Owner—Mr. and Mrs. Bremberg, 505 23rd Ave., San Francisco.

Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.

Contractor—Wilson & Benson, 336 Ash-ton Ave., San Francisco. \$4000

ALTERATIONS

(3836) S CALIFORNIA 90 W Davis. Erect partitions in offices, install utilities, change front, etc.

Owner—California Packing Cptn., 101 California St., San Francisco.

Engineer—Philip L. Bush, 101 California St., San Francisco.

Various Contractors. \$7600

ALTERATIONS

(3837) NO. 424 CALIFORNIA. Remove present and install new partitions for offices.

Owner—National City Co., Premises.

Architect—Ward & Blohm, 454 California St., San Francisco.

Contractor—Barrett & Hulp, 918 Harrison St., San Francisco. \$1000

STORE

(2838) N SACRAMENTO bet. Battery and Front. One-story and basement brick store.

Owner—H. L. Judell & Co., 126 Front St., San Francisco.

Architect—B. J. Joseph, 522 New Call Bldg., San Francisco. \$13,500

FRAME BLDG.

(5839) E SECOND AVE 250 S Balboa. Carpenter, mill, electric work and plastering for two-story frame building.

Owner—A. and Teresa Consani, 139 Wood St., San Francisco.

Architect—None.

Contractor—Cox Bros., 1309 9th Ave., San Francisco.

Filed Oct. 20, '22. Dated Oct. 20, '22.

Frame up and roof on.....\$1591.25

Brown coated.....1531.25

Completed.....1591.25

Usual 35 days.....1591.25

TOTAL COST, \$6265.00

Bond, none. Limit, 90 days after Oct. 25, 1922. Forfeit, none. Plans and specifications filed.

APARTMENTS

(3840) SW GEARY AND JONES 60 on Geary by 62-6 on Jones. Mill work, carpenter work, rough hardware, glass and glazing for six-story store and basement Class C apartment building.

Owner—S. & G. Gump Realty Co., 246 Post St., San Francisco.

Architect—Milton Latham, 454 Montgomery St., San Francisco.

Contractor—F. L. Hansen, 251 Kearny St., San Francisco.

Filed Oct. 20, '22. Dated Oct. 18, '22.

Joists set and roof boards on.....\$3000

Ready for lathing.....7000

Standing finish in place and ready for painting.....8000

Completed and accepted.....10750

Usual 35 days.....9600

TOTAL COST, \$38,350

Bond, \$19,175. Surety, Globe Indemnity Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

APARTMENTS

(3841) NE VAN NESS AVE & UNION N 30E 107-114. All work for three-story and basement frame apartment building.

Owner—Clara E. Seaman and Clara I. Tyler, 1085 Mission St., S F.

Superintendent—Edw. Jose.

Contractor—Strand & Strand, 614 Broderick St., San Francisco.

Filed Oct. 20, '22. Dated Oct. 11, '22.

Roof and rustic on.....\$6705

Brown coated.....6705

80% of interior finish on.....6705

Completed and accepted.....6705

Usual 35 days.....6705

TOTAL COST, \$33,525

Bond, limit, forfeit, none. Plans and specifications filed.

RESIDENCE

(3842) N E MCKINNON AVE. & NEW-hall. One-story and basement brick residence.

Owner—C. Cervierere, care architect.

Architect—Albert J. Fabre, 110 Sutter Street. \$8750

REMODEL

(3843) 145 SIXTH AVE. Remodel 8-room residence for 4 3-room apts.

Owner—C. E. Wilson, 186 5th Ave.

Architect—None. \$4000

FLATS

(3844) N E THIRD AVE & FULTON. Two-story and basement frame (4) flats.

Owner—N. J. Nelson, 245 19th Ave.

Architect—None. \$12,000

ADDITION

(3845) N TWENTY-FOURTH 175 W Mission. Raise dwelling, minor additions.

Owner—M. W. Kahr, premises.

Designer and Contractor—P. H. Edminister, 1119 Shotwell St. \$1100

OFFICE BLDG.

(3846) NE POWELL AND POST N 127-623 182-9. Reversible from railroad cars, paint, haul and erect structural steel for ten-story and basement office building.

Owner—Wm. M. and Mary E. Fitzhugh, Mills Bldg., San Francisco.
Architect—Iteld Bros., 105 Montgomery St., San Francisco.

Super.—P. J. Walker, Co., Monadnock Bldg., San Francisco.
Contractor—J. G. Williams Constr. Co., 519 California St., San Francisco.
Filed Oct. 21, '22. Dated Oct. 17, '22.
zOn 10th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$24,063.75
Bond, \$12,052. Surety, New Amsterdam Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME BLDG.

(3847) W EIGHTH AVE 275 S Geary S 25xW 120 All work except shades and light fixtures for two-story frame building.

Owner—P. Denegri, 451 8th Ave., San Francisco.

Architect—Paul F. De Martini, 916 Broadway, San Francisco

Contractor—A. Ferrieiro.
Filed Oct. 21, '22. Dated Sept. 23, '22.
Frame up.....\$1875
Brown coated..... 1875
Completed and accepted..... 1875
Usual 35 days..... 1875

TOTAL COST, \$7506.
Bond, \$7506. Sureties, N. Lagomarsino and Joe Brignotti. Limit, 90 days after Sept. 25. Forfeit, none. Plans and specifications filed.

DWELLING

(3848) E EDINBURGH 225 S Avelon. One-story and basement frame dwelling.

Owner—Anna M. Malian, 107 74th Ave., San Francisco.

Architect—None.
Contractor—Martin Smith, 114 Girard St., San Francisco. \$3349

ALTERATIONS

(3849) NW FRONT AND PINE. Rearrange store for restaurant.

Owner—Henry Cristiani, 2060 Pierce St., San Francisco.

Architect—None. \$1000

APARTMENTS

(3850) W HYDE 100 and 137-6 S Geary. Two four-story and basement concrete apartment buildings (16 apartments each).

Owner—Adolph Stock.

Architect—Henry Shermund, Hearst Bldg., San Francisco.

Contractor—Edward Jose, 1179 Hayes St., San Francisco. \$30,000 each

ALTERATIONS

(3851) W MISSION 30 N Twentieth. Alter store front.

Owner—Mrs. Christophos, 2309 Mission St., San Francisco.

Architect—None.
Contractor—C. Fracchia, 36 Cunningham Place, San Francisco. \$1000

MEG. BLDG.

(3852) S BRYANT 27 W Morris 50x75. All work for one-story manufacturing building.

Owner—E. L. Reese, 332 Pine St., San Francisco.

Architect—N. W. Sexton, Chronicle Bldg., San Francisco.

Contractor—Writers & Grove, Monadnock Bldg., San Francisco.

Filed Oct. 23, '22. Dated Oct. 18, '22.
Outside walls up.....\$1493
Roof on..... 1493
Completed and accepted..... 1493
Usual 35 days..... 25%

TOTAL COST, \$5974.
Bond, none. Limit, 60 days. Forfeit, \$23. Plans and specifications filed.

FOUNDATIONS

(3853) E DELAWARE 100 N 23rd W 110xN 75. File and concrete foundations for 6 scrubbers at Potrero gas plant.

Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.

Architect—None.
Contractor—A. W. Kitchen, 110 Market St., San Francisco.

Filed Oct. 23, '22. Dated Oct. 19, '22.
On completion..... 75%
Usual 35 days..... 44..... 25%

TOTAL COST, \$2943

Bond, \$1475. Surety, Globe Indemnity Co. Limit, forfeit, none. Plans and specifications filed.

GARAGE

(3854) N E HUNT AND NATOMA STS. Two-story and basement concrete garage.

Owner—Bothia Real Estate Co.

Architect—A. S. Bugbee, 26 Montgomery St.

Contractor—Cahill Bros., 110 Sutter St., San Francisco \$38,500

DWELLING

(3855) E LEE AVE., 175 N Grafton; One-story and basement frame dwelling.

Owner—James Arnott & Son. \$2800

Architect—None.

DWELLING

(3856) E FAXON AVE. 150 S DeMontford. One-story & basement frame dwelling.

Owner—Jas. Arnott & Son, 235 Granville Way.

Architect—None. \$2800

DWELLING

(3857) W EDINBURGH 100 N Excelsior. One-story and basement frame dwelling.

Owner—K. Anderson and T. Johnson, 133 Bertita St.

Architect—None. \$2000

DWELLING

(3858) N W EXCELSIOR & EDINBURGH. One-story & basement frame dwelling.

Owner—K. Anderson and T. Johnson, 133 Bertita St.

Architect—None. \$2000

DWELLING

(3859) N BALBOA \$3 W 31st Avenue. One-story & basement frame dwlg.

Owner—Sidney A. Colton, 1917 Anza St.

Architect—None.

Contractor—Harry L. Sandow, 709 25th Ave. \$5750

APARTMENTS

(3860) S BALBOA 133 W 14th Ave. Two-story and basement frame (4) apartments.

Owner—P. Midbust, 177 Caselli Ave.

Architect—None. \$10,000

WAREHOUSE

(3861) S CLARA 325 N 6th. One-story concrete salesroom and warehouse.

Owner—G. A. Lee, 515 Franklin St., Oakland, Cal.

Architect—None. \$5000

DWELLING

(3862) W EIGHTH AVE., 100 N Pacheco. One-story & basement frame dwelling.

Owner—Robert Barr, Burlingame, Cal.

Architect—Harold G. Stoner, First Natl Bank Building.

Contractor—C. F. Parker, 15 Merced Ave. \$4000

DWELLING

(3863) E EIGHTH AVE. 100 S Linares. One-story & basement frame dwlg.

Owner—Lang Realty Co., First Natl Bank Bldg.

Architect—None.

Contractor—Jas. Arnott & Son, 235 Granville Way. \$3800

DWELLING

(3864) N GRAFTON 100 W Capitol. One-story and basement frame dwelling.

Owner—The McCarthy Co., 316 Bush St., San Francisco.

Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. \$2800

DWELLINGS

(3865) E TWENTY-EIGHTH AVE 225, 250 and 275 N Balboa. Three one-story and basement frame dwellings.

Owner—J. Anderson, 410 16th Ave., San Francisco.

Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contractor—Meyer Bros., 5326 Geary St., San Francisco. \$3000 each

DWELLINGS

(3866) E TWENTY-EIGHTH AVE 125, 150, 175 and 200 N Balboa. Four one-story and basement frame dwellings.

Owner—J. Anderson, 410 16th Ave., San Francisco.

Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contractor—Meyer Bros., 5326 Geary St., San Francisco. \$3000 each

DWELLINGS

(3867) W THIRTY-FIFTH AVE 275, 300, 325 and 350 S Geary. Four one-story and basement frame dwellings.

Owner—Geary Realty Co., 5680 Geary St., San Francisco.

Architect—None.

Contractor—Meyer Bros., 5326 Geary St., San Francisco. \$5000 each

DWELLINGS

(3868) W THIRTY-FIFTH AVE 225, and 250 S Geary. Two one-story and basement frame dwellings.

Owner—H. Meyer, 5326 Geary St., San Francisco.

Architect—None.

Contractor—Meyer Bros., 5326 Geary St., San Francisco. \$5000 each

DWELLINGS

(3869) E THIRTY-NINTH AVE 25, 56, 75, 100, 125 and 150 N Anza. Six one-story and basement frame dwellings.

Owner—Meyer Bros., 5326 Geary St., San Francisco.

Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$3000 each

DWELLING

(3970) E TWENTY-FIRST AVE 325 S Irving. One-story and basement frame dwelling.

Owner—Fred Fiske, 1363 8th Ave., San Francisco.

Architect—None. \$4000

DWELLINGS

(3871) W SAN FERNANDO WAY 75 and 115 S Derion Way. Two one-story and basement frame dwlg.

Owner—C. M. Hueter, 805 Flatiron Bldg., San Francisco.

Architect—Harold G. Stoner, First Nat'l Bank Bldg., San Francisco.

Contractor—Buxton & Zwigg, 803 Flatiron Bldg., S. F. \$5000 each

DWELLINGS

(3872) W SAN FERNANDO 115 and 75 N Darion Way. Two one-story and basement frame dwellings.

Owner—C. M. Hueter, 805 Flatiron Bldg., San Francisco.

Architect—Harold G. Stoner, First Nat'l Bank Bldg., San Francisco.

Contractor—Buxton & Zwigg, 809 Flatiron Bldg., S. F. \$5000 each

ALTERATIONS

(3873) NO. 1101 FILBERT. Remodel residence into 3 apartments.

Owner—Mrs. M. Douglas.

Architect—None.

Contractor—Jack Callaghan, 900 Clayton St., San Francisco \$2000

ALTERATIONS

(3874) SE HARBERT AND SCOTT.
New store fronts; cement plaster
porous of exterior.
Owner—A. Stoff, 111 New Montgomery
St., San Francisco.
Architect—None.
Contractor—Otto Carson, 180 Jessie
St., San Francisco. \$4000
DWELLING

(3875) SW JACKSON AND LOCUST.
Two-story and basement frame
dwelling.
Owner—R. H. and Eve B. Hubbell, 115
Davis St., San Francisco
Architect—Ashley & Evers, 58 Sutter
St., San Francisco.
Contractor—M. Hantsche, 528 31st Ave.,
San Francisco. \$14,000

STORES & LOFTS

(3876) N MISSION 275 E 6th. Two-
story and basement class C store
and lofts.
Owner—Smith O'Brien and Mr. Hobson,
742 Market St., First Natl. Bank
Building.
Architect—Smith O'Brien, 742 Market
Street. \$12,000

ADDITION

(3877) NW TOWNSEND 140 NE Clar-
ence NE 86-14xNW 275. All work
except elevator and sprinkler sys-
tem for additional story to two-
story Class B warehouse.
Owner—Bert and Samuel L. Simon (as
Simon Bros.), 150 Townsend St.,
San Francisco.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco.
Contractor—Barrett & Hilt, 918 Har-
rison St., San Francisco.
Filed Oct. 24, '22. Dated Oct. 17, '22.
On let and 15th of each month 75%
Usual 35 days. \$22,600
TOTAL COST, \$42,600
Bond, \$21,300. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 90 days.
Forfeit, none. Plans and specifications
filed.

APARTMENTS

(3878) SE ANZA AND NINTH AVE.
Three-story and basement frame
(6) apartments.
Owner—Chas. E. Ellis, 1011 Lake St.,
San Francisco.
Architect—None. \$18,000

ALTERATIONS

(3879) NO. 218 GRAFTON AVE. Raise
dwelling; construct concrete founda-
tion; underpinning.
Owner—Mrs. Skelle, Premises.
Architect—None.
Contractor—Carlson & Olsen, 62 Gra-
nada Ave., San Francisco. \$1975

APARTMENTS

(3880) S PAGE 190 E Ashbury. Two-
story and basement frame (4)
apartments.
Owner—Henry C. Stoeckle
Designer—K. Adler, 493 22nd Ave., San
Francisco.
Contractor—K. Adler, 493 22nd Ave.,
San Francisco. \$11,000

DWELLING

(3881) SE BALBOA AND TWENTY-
third Ave. One-story and basement
frame dwelling.
Owner—Elizabeth Smith, 6327 Califor-
nia St., San Francisco.
Architect—W. H. Armitage, 409 Call
Bldg., San Francisco.
Contractor—Wm. McGain, 1520 Web-
ster St., San Francisco. \$1000

REFINERY

(3882) N NORTH POINT 137-6 W
Grant Ave. Brick sulphur Refinery
137-6x137-6.
Owner—San Francisco Sulphur Co., 624
California St., San Francisco.
Architect—P. M. Paulson, 624 Califor-
nia St., San Francisco.
Contractor—P. M. Paulson, 624 Cal-
ifornia St., S. F. \$25,000

DWELLING

(3883) LOT 22 BLK 21, Resbryn Bkks
18 and 21 and 1th 19 and Lois
lettered P. Q. R. S., St. Francis
Wood Extn. No. 2. All work for
frame dwelling.
Owner—St. Francis Wood Co., 278 Post
St., San Francisco.
Architect—Earle E. Fertz, 168 Sutter
St., San Francisco.
Contractor—Allen & Co., 168 Sutter St.,
San Francisco.
Filed Oct. 25, '22. Dated Oct. 17, '22.
Frame up \$2050
Brown coated 2654
Completed and accepted 2654
Usual 35 days. 2654
TOTAL COST, \$8216
Bond, none. Limit, 120 days. Forfeit,
\$5. Plans and specifications filed.

PAINTING, ETC.

(3884) NE STOCKTON & CAMPTON
Place E 130 N 50 W 50 S 20 W 80 S
36. All work for cleaning and
painting seven-story hotel bldg.
Owner—Wm. F. Wilson Estate.
Architect—Herman Barth, Phelan Bldg
San Francisco.
Contractor—The Neal Co., 538 Hayes
St., San Francisco.
Filed Oct. 25, '22. Dated Oct. 16, '22.
Work 1/2 completed. \$2347
Completed and accepted 2318
Usual 75 days. 1545
TOTAL COST, \$6410
Bond, \$2650. Surety, Maryland Casu-
alty Co. Limit, 5 weeks. Forfeit
none. Plans and specifications filed.

DWELLINGS

(3885) FOURTH AVE 77 and 122
N Geary. Two one-story and base-
ment frame dwellings.
Owner—B. Schrier, 2221 Clement Ave.,
San Francisco.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco.
Contractor—Meyer Bros., 5326 Geary
St., San Francisco. \$3000 each

ADDITION

(3885) SE TWENTY-SIXTH AND
Valencia 35 on Valencia and 85 on
Twenty-sixth. All work for ad-
dition to garage building.
Owner—Alfred J. Rose, Premises.
Architect—None.
Contractor—J. G. Leiber, Co. 180 Jes-
sie St., San Francisco.
Filed Oct. 25, '22. Dated Sept. 12, '22.
Brick work and steel work up to
bottom of trusses. \$3255.00
Roof completed 2725.00
Completed 2462.50
Usual 35 days. 2312.50
TOTAL COST, 11,555.00
Bond, \$5600. Sureties, Fred McElroy &
Martin M. Fennell. Limit, 60 days.
Forfeit, plans and specifications, none.
NOTE—Permit reported Oct. 17, 1922
No. 3174.

FRAME BLDG.

(3886) W LONDON about 100 N Geneva
Ave 25x96. All work except finish
hardware, window shades and gas
and electric fixtures for one-story
and basement frame building.
Owner—Serafino Fasco, 4760 Mission
St., San Francisco.
Architect—None.
Contractor—A. De Benedetti, 22 Cotter
St., San Francisco.
Filed Oct. 25, '22. Dated Oct. 25, '22.

Frame up \$1150
Brown coated 1150
Completed and accepted 1150
Usual 35 days. 1150
TOTAL COST, \$4600
Bond, \$2300. Sureties, G. Cavagnaro and
Pio Demartini. Limit, 90 days after
Nov. 1. Forfeit, none. Plans and
specifications filed.

FLATS

(3887) E FIFTH AVE 25 S Anza.
Two-story and basement frame (2)
flats.

Owner—San Goyah, 656 7th Ave., San
Francisco.
Architect—Edward E. Young, 251 Kear-
ny St., San Francisco. \$10,000

APARTMENTS

(3888) E SPENCER 27-6 N Post Two-
story and basement frame (6)
apartments.
Owner—M. Stein and J. Halpern.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco. \$14,000

FLATS

(3889) E STANYAN 30 N Alma. Two-
story and basement frame (2) flats
Owner—Leo Fazzl, Stanyan St. near
Alma, San Francisco.
Architect—None.
Contractor—T. L. Shorman, 1113
Shafter Ave., S. F. \$8000

DWELLING

(3890) W TWENTY-SECOND AVE
240 N Ulloa. One-story and base-
ment frame dwelling.
Owner—William E. Higginson, 926 Oak
St., San Francisco.
Architect—None. \$2500

STORES AND FLATS

(3891) N TWENTY-NINTH 125 W
Mission. Two-story and basement
frame stores and (2) flats.
Owner—H. Misrack, 269 11th St., San
Francisco.
Architect—None. \$2000

ADDITION

(3892) NO. 242 TWENTY-SECOND
Ave. Construct addition to dwell-
ing.
Owner—Stanley Conner, Premises.
Architect—None.
Contractor—Geo. M. Merritt Bldg. Co.,
2014 Geary St., S. F. \$1000

DWELLING

S PORTOLA DRIVE 180 E Santa Clara
Ave. Two-story and basement frame
dwelling.
Owner—St. Francis Wood Co., 278 Post
St., San Francisco.
Architect—Earle E. Fertz, 168 Sutter
St., San Francisco.
Contractor—Allen & Co., 168 Sutter
St., San Francisco. \$6000

RESIDENCE

(3893) NE McKINNON AVE AND
Newell N 100x E 50. All work for
one-story and basement brick resi-
dence.
Owner—C. Cerviere, % Architect,
Architect—Albert J. Fabre, 110 Sutter
St., San Francisco.
Contractor—Mark C. Ingraham, 160
Duboce Ave., San Francisco.
Filed Oct. 26, '22. Dated Oct. 24, '22.
1st floor joists set. \$3610
Brown coated 3618
Completed and accepted 3643
Usual 35 days. 3550
TOTAL COST, \$14,591
Bond, \$7297. Sureties, J. C. Moore and
J. C. Moore Jr. Limit, 90 days. For-
feit, \$10. Plans and specifications filed.

FRAME BLDG.

(3894) N GOLDEN GATE AVE 137-3
W Fillmore. All work for two-
story frame building.
Owner—Peter and Laurence Magendie,
1335 Golden Gate Ave., S. F.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco.
Contractor—C. O. Clausen, Hearst Bldg.,
San Francisco.
Filed Oct. 26, '22. Dated Sept. 30, '22.
Frame up \$3650
Brown coated 3630
Completed and accepted 3630
Usual 35 days. 3682
TOTAL COST, \$38,722
Bond, none. Limit, 100 days. Forfeit,
none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded	Accepted
Oct. 20, 1922—S FLOOD AVE 85, 115 and 145 W Foerster W 30x112-6. Moneta Invst Co to James Arnett & Son.....Oct. 6, 1922	
Oct. 20, 1922—S FLOOD AVE 175, 205 and 235 W Foerster W 30xS 112-6. Moneta Invst Co to James Arnett & Son.....Oct. 20, 1922	
Oct. 20, 1922—NE THIRD AND Irving, Frank C and Bessie M Miller to Benjamin Lieberman.....Oct. 19, 1922	
Oct. 20, 1922—E TWENTY-SEVENTH AVE 265 N Balboa E 120xN 20. Maurice J and Clementine J Flynn to whom it may concern.....Oct. 3, '22	
Oct. 20, 1922—W ELEVENTH AVE 24 N Kirkham N 25xW 57-6. Marie Petersen to whom it may concern.....Oct. 20, 1922	
Oct. 21, 1922—LOT 21 BLK 3176, Westwood Park. Jos & Anais Poudreau to Nelson Bros.....Oct. 16, 1922	
Oct. 21, 1922—LOTS 25 AND 26 BLK 3138, Westwood Park. Hans and Esther E Nelson to whom it may concern.....Oct. 20, 1922	
Oct. 21, 1922—NW SECOND AVE & Ptoen St 63x90. Josef H Verna to whom it may concern.....Oct. 21, 1922	
Oct. 21, 1922—E TWENTY-SEVENTH AVE 152 and 217 N Cabrillo. H Wissman to Meyer Bros.....Oct. 20, 1922	
Oct. 21, 1922—W TWENTY-SEVENTH AVE 365 and 390 N Cabrillo (2 buildings). H Wissman to Meyer Bros.....Oct. 20, 1922	
Oct. 21, 1922—E NOR 291-6 N 17th. John F Spitzer to Dahberg Bros.....Oct. 21, 1922	
Oct. 3, 1922—E TENTH AVE 100 N Cabrillo N 24-10x E 100. Emma C Case and B F Case to L H Stevensen.....May 19, 1922	
Oct. 23, 1922—S TWENTY-FIRST 130 W Sanchez W 25xS 114. Jas L McIntosh to whom it may concern.....Oct. 23, 1922	
Oct. 23, 1922—NE ELEVENTH AVE and Judah 32-6x100. Sophie Johe to Gus May, W H Kirsten, Robt Calson and Joel Johansen.....Oct. 21, 1922	
Oct. 23, 1922—PPTY BDED BY Phelps, Quint, Jerrold Ave and Kirkwood. Legallet Hellwig, Norton Co to J A Bryant.....Oct. 21, 1922	
Oct. 23, 1922—E SIXTEENTH AVE 15 N Fulton N 25x E 102-6. Ernest E and Eliza Kretschmar to Wm Terry.....Oct. 21, 1922	
Oct. 23, 1922—W TWENTY-SIXTH AVE 22 S California 25x120. R C and Ida Holm to Harry Moran.....Oct. 1, 1922	
Oct. 23, 1922—SW PARNASSUS AVE and Shrader. John J Binet to whom it may concern.....Oct. 23, 1922	
Oct. 23, 1922—W KEARNEY 70 N Washington N 35xW 167-11. Nathan Mamlas to J S Mallock.....Oct. 19, 1922	
Oct. 23, 1922—LOT 2 BLK 2386 Claremont Court S Parnassus Ave 75 W Shrader, 25x100. John J Binet to whom it may concern.....Oct. 23, 1922	
Oct. 23, 1922—S PARNASSUS AVE 50 W Shrader 25x100. John J Binet to whom it may concern.....July 23, 1922	
Oct. 23, 1922—S PARNASSUS AVE 25 W Shrader 25x100. John J Binet to whom it may concern.....July 23, '22	
Oct. 23, 1922—LOT 14 BLK 2378, Merritt Terrace. Walter A Neller to James Arnett & Son.....Oct. 22, '22	
Oct. 23, 1922—SE LONDON 150, 175, 200, 225 and 250 W Italy. J W Wright & Son Inv Co to whom it may concern.....Oct. 23, 1922	
Oct. 23, 1922—N LAKE 120 E Fifth Ave N 704-4½ E 393-3 S 730-6 W 542-2. Little Sisters of the Poor of San Francisco to Fibrestone & Roofing Co.....Oct. 20, 1922	

Oct. 23, 1922—SW HOWARD AND Moss 48 on Howard and 100 on Moss. E V Lacey and V Passio to The Mission Concrete Co.....Oct. 23, 1922	
Oct. 24, 1922—E STOCKTON 60 S Pine 20-6x127-6. O E Carlson and Annie Carlson to whom it may concern.....Oct. 24, 1922	
Oct. 24, 1922—W FIFTEENTH AVE 400 N Geary. Joe and Annie Weber to Edw A Johnson.....Oct. 23, 1922	
Oct. 24, 1922—N CLAY 50 P Steiner, Eva and Fannie Deutsch and Augusta Jones to Munster & Bornholdt.....Oct. 26, 1922	
Oct. 24, 1922—LOT 18 BLK 25, Lakeview Tract. Oscar and Hilda Wilson to whom it may concern.....Oct. 24, 1922	
Oct. 25, 1922—W FORTY-FIFTH AVE 258 S Geary S 25xW 120. J E Russell to whom it may concern.....Oct. 24, 1922	
Oct. 25, 1922—N GEARY 90 E 23rd Ave. S Strauss to Meyer Bros.....Oct. 18, 1922	
Oct. 25, 1922—W SAN JOSE AVE. bet Alvarado and 23d about 50 ft. from Alvarado No. 62 and 64 San Jose Ave. Andrew J and Christina Holmer-Wan to Redy.....Oct. 22, 1922	
Oct. 25, 1922—W ARQUELLO BLVD 110 S Hugo S 25xW 120. Russell Schuklen to Louis J Deibel.....Oct. 20, 1922	
Oct. 25, 1922—W SANSOME 46-10½ W 1st N Sutter N 91-6xW 122-9. Anglo & London Paris National Bank to Fordecker Cornice Works.....Oct. 16, 1922	
Oct. 25, 1922—SE SILVER AVE & Brusses E 25xS 100. Mrs Theresa Beck to Jos Fratessa.....Oct. 20, 1922	
Oct. 16, 1922—PTN LOTS 14 AND 13, 26x100, Blk "A" Map 1, Suro's Addition; Lot 12 and Ptn Lot 13, 26x100, Blk "A" Map 1, Suro's Addition; Henrietta L B Suro to Adolph G Suro.....Oct. 16, 1922	
Oct. 26, 1922—E TWENTY-THIRD AVE 275 N Cabrillo N 25x E 120. Alexander H Reith to Thomas E Mohler.....Oct. 5, 1922	

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
Oct. 20, 1922—W MISSION 110-5½ S 23rd S 49-11 W 50-50 S. Joseph Daniel vs Farmers Public Market, Inc. & Chas E Catter, 61.59	
Oct. 20, 1922—E MASON 100 S Ellis S 65x E 68-9. Clervi Marble & Mosaic Co vs B E Moore and E A Davis.....\$210	
Oct. 20, 1922—NW TWENTY-SIXTH AVE and West Clay 40 on West Clay and 100 on 26th Ave. Kenneth MacDonald vs Charles Halv.....\$192.67	
Oct. 21, 1922—N OAKDALE 275 E Lane. James T Tobin vs E Joseph Geziulin.....\$112.59	
Oct. 23, 1922—N GREEN 68-9 W Divisadero W 34-4½xN 103-6. Lawrence S Peirano vs L D Allen.....\$83	
Oct. 24, 1922—LOT 87 BLK 22, Mission Blk Adm No. 37, Elgin Park. Sunset Iron Works vs Mathilde Bauer and George M Merritt.....\$245	
Oct. 24, 1922—LOT 11 BLK 6, St. Francis Wood Extension No. 1. W P Fuller & Co vs Homes Loan Corp and Unit Construction Co.....\$93	
Oct. 26, 1922—W FORTY-FIFTH AVE 75 S Cabrillo S 55xW 100. Joost Bros., Inc. vs Harry or Henry Walsh and Harry Moran.....\$28	
Oct. 26, 1922—W TWENTY-SIXTH AVE 243 N Clement N 25xW 120. Joost Bros., Inc. vs Harry Moran and R C Helm.....\$49.79	
Oct. 26, 1922—SW TWENTY-SECOND AVE and Irving W 75x E 65. Spring Valley Lumber Yard vs L D Allen & Co (as Windsor Terrace Bldg Co.).....\$369.75	

Oct. 26, 1922—N GREENE 68-9 W Divisadero W 34-4½xN 103-6. Spring Valley Lumber Yard vs L D Allen & Co (as Windsor Terrace Bldg Co) and Lizzie Durbrow.....\$97.21

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
Oct. 20, 1922—W DIVISADERO 50 N — N 50xW 100. J S Gurcin & Co to S and L Piombo and M Demphlah.....\$460.05	
Oct. 23, 1922—E FIFTEENTH AVE 284 S Anza S 24x E 120. L A Hufschmidt to Albert Sonnenberg.....\$1890	
Oct. 25, 1922—NW DOLORES AND Twenty-sixth N 27xW 70: California Concrete Co vs John Schroeder and Jas Tarbitt.....\$48.50	
Oct. 25, 1922—W FORTY-FIFTH AVE 75 S Cabrillo S 25xW 130. Carl Stendell vs Harry Moran and Harry or Henry Walsh.....\$379	
Oct. 25, 1922—W TWENTY-SIXTH AVE 243 N Clement N 25xW 120. Carl Stendell vs Harry Moran and R C Helm.....\$213	
Oct. 25, 1922—W TWENTY-FOURTH AVE 225 N Irving N 25xW 120. L Albertsen vs Belle Brooks and R Albertsen.....\$1890	
Oct. 25, 1922—E TENTH AVE 270. N Fulton N 25x E 120. Carl Stendell vs Harry Moran and Percy and Mary V Gates.....\$595.50	

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

(Correction in Owner's Name)
Oct. 21, 1922—NW VAN NESS AND Golden Gate Aves N 55xW 109-9. Jannah de Urioste as to improvements on property.....\$789
Oct. 20, 1922—E MISSION 220 N 25th N 40x E 115. Wm and Wm J H Hasselbrock as to improvements on property.....\$270
Oct. 24, 1922—E FIFTH AND BRANFORD NE 154 SE 120 NE 21 SE 120 SW 175 NW 240. Mary B Brittan as to improvements on property.....\$595.50

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

Sept. 20, 1922—Southern Pacific with DeZelsinsky & Sons and National Surety Co. Date of completion to be Sept. 30, 1922, and bond originally provided to remain in force.

ARCHITECT'S CERTIFICATE

SAN FRANCISCO COUNTY

Oct. 21, 1922—Wm. Mooser Jr., has filed his certificate of architecture for San Francisco County.

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
4532	Hansson	Owner	4400
4533	Lucas	Owner	2850
4534	Burnitt	Owner	9800
4535	Silva	Walker	9000
4536	Ninetti	Frunetti	2950
4537	Hansen	Petersen	2500
4538	Brown	Stewart	3000
4539	Couget	Faulkes	1200
4540	Seaholn	Owner	7000
4541	Harris	Owner	2400
4542	Moyor	Rose	8300
4543	Davidson	Owner	7000
4544	Neary	Owner	3000
4545	Alley	Owner	8000
4546	Locke	Hawkins	2000

4647 Kruse	Owner	5000	4646 Attebery	Owner	3003	Owner Geo. Davidson, 258 25th St., Oakland.	
4648 Rankel	Wood	3500	4647 Taylor	Malley	1000	Architect—None.	\$7000
4649 Gilchrist	MacDonald	17500	4648 Bechtel	Owner	5900		
4650 East Bay	Muller	24000	4649 McCoy	Owner	2563		
4651 Monroe	Oakland	15000	4650 Eddy	Berg	1000	DWELLING	
4652 Silva	Silva	1200	4651 Koester	Owner	3000	(4544) E MARKET 100 N 46th St., Oakland. One-story 5-room dwlg.	
4653 Bell	Owner	3000	4652 Smith	MacKerriker	3000	Owner—Wm. F. Neary, 536 17th St., Oakland.	
4654 Bell	Owner	7000	4653 Robertson	Plittner	5382	Architect—None.	\$3000
4655 Butler	Owner	3500				DWELLING	
4656 Champior	Owner	5000	DWELLING			(4545) E PERKINS 100 S Storer Ave., Oakland. One-story 4-room dwlg.	
4657 Satori	Pond	3500	(4532) NO. 1945 HOPKINS ST., Berkeley. One-story 5-room dwelling.			Owner—M. B. Alley, 3455 Pierson St., Oakland.	\$3000
4658 Rose	Hudson	2500	Owner—Hans A. Hansson, 1719 Grove St., Berkeley.		\$4100	Architect—None.	
4659 Clarke	Keeves	2700	Architect—None.			DWELLING	
4660 Warner	Paulsen	1110				(4546) N PORTER 360 W Thirty-eighth Ave., Oakland. One-story 4-room dwelling.	
4661 Hadjopoulos	Texdahl	8500				Owner—W. H. Locke, 3311 Quigley St., Oakland.	
4662 Andrews	Robins	3650	DWELLING			Architect—None.	\$2600
4663 Underwood	Malstrom	1500	(4533) NO. 2136 BYRON ST., Berkeley One-story 1-room dwelling.			Contractor—S. T. Hawkins.	
4664 Owens	Owner	4000	Owner—M. A. Lucas, 2332 San Pablo Ave., Berkeley.		\$2850	DWELLING	
4665 Berkeley	Owner	3000	Architect—None.			(4547) W ROSS 150 N Florio, Oakland One-story 6-room dwelling.	
4666 Campbell	Owner	3000				Owner—L. J. Kruse, 6018 College Ave., Oakland.	\$5000
4667 Hoffman	Owner	4000	DWELLINGS			Architect—None.	
4668 Lindsay	Barrett	35500	(4534) W BEST AVE. 160 & 280 N Brookdale, Oakland. Two 1-story 6-room dwellings.			DWELLING	
4669 Graham	Owner	3930	Owner—Burnitt & Shealey, Oakland.			(4548) E SPRUCE 100 N Prospect, Oakland. One-story 6-room dwlg.	
4670 Schultz	Petersen	5000	Architect—None.		\$4900 each	Owner—C. M. Rankel, 1820 West St., Oakland.	
4671 Wade	Moore	4000				Architect—None.	
4672 Moyle	Owner	3000	FLATS			Contractor—C. W. Reed, 2534 Pleasant St., Oakland.	\$3800
4673 Cadiz	Kruse	3500	(4535) S E-SIXTEENTH ST. 100 E 2nd Ave., Oakland. Two-story 12-room flats.			ALTERATIONS	
4674 Saynor	Grimes	2900	Owner—J. G. Silva, 814 E-16th St., Okd.			(4549) SE THIRTEENTH AND CLAY, Oakland. Alterations.	
4675 Butzbach	Butzbach	3000	Architect—None.			Owner—J. G. Gilchrist, Premises. Bldg., Oakland.	
4676 Paton	Owner	1500	Contractor—S. C. Walker, 3231 Boston Ave., Oakland.		\$9000	Contractor—Macdonald & Kahn, American Bank Bldg., Oakland.	\$17,500
4677 Doris	Knight	20000				CREAMERY	
4678 Yerrick	Shelley	1150	DWELLING			(4550) NE TWENTY-SECOND AND Market, Oakland. One-story brick creamery.	
4679 Nicholls	Blackman	3500	(4536) N W COR. EIGHTY-FIFTH AV. and A St., Oakland. One-story 5-room dwelling.			Owner—East Bay Creamery Co., 18th and San Pablo Ave., Oakland.	
4680 Sill	Keski	1000	Owner—Massimo Ninetti, 1914 Peralta St., Oakland.			Architect—None.	
4681 Thomas	Keski	2000	Architect—None.			Contractor—F. A. Muller, Syndicate Bldg., Oakland.	\$24,000
4682 Carpenter	Nelson	7000	Contractor—E. Prunetti, 1604 94th Ave., Oakland.		\$2550	AUTO SCHOOL	
4683 George	Texdahl	8500	ALTERATIONS			S TWELFTH 75 W Jackson, Oakland. One-story brick auto school.	
4684 Goodman	Livingston	1000	(4537) S E COR. E-FOURTEENTH ST and Jones Ave., Oakland. Alter.			Owner—N. S. Sacks.	
3685 Hoefler	Hipps	1000	Owner—Geo. Hansen, premises.			Architect—None.	
4686 Abram	Robert	4500	Architect—None.			Contractor—H. J. Christensen, Federal Bldg., Oakland.	\$17,000
4687 MacGregor	Owner	3500	Contractor—J. B. Petersen, 2053 38th Ave., Oakland.		\$2500	NOTE—Recorded contract reported Oct. 16, 1932, No. 4445.	
4688 Donaldson	Stewart	6500	ALTERATIONS			APARTMENTS	
4689 Dickson	Goransen	4480	(4538) 925 E-FIFTEENTH ST. Alterations and additions.			(4551) E BRYANT AVE 25 S Manila Ave., Oakland. Two-story 16-room apartments.	
4690 Campbell	Wishart	4000	Owner—Mrs. K. L. Brown, premises.			Owner—H. D. and Henrietta Monroe, 759 Central Ave., Alameda.	
4691 Fisch	Sommastrom	8000	Architect—None.			Architect—None.	
4692 Hanrahan	Nottingham	2000	Contractor—S. L. Stewart, 831 16th St., Oakland.		\$3000	Contractor—Oakland & San Francisco Improvement Co., Merchants' Exchange Bldg., S. F.	\$15,000
4693 MacGregor	Owner	21000	ALTERATIONS			ALTERATIONS	
4694 McIntyre	Tornell	23000	(4539) 939 E-FOURTEENTH ST. Okd. Alterations.			(4552) NO. 1746 F-FIFTEENTH ST., Oakland. Alterations.	
4695 Lindsay	Owner	1500	Owner—Mrs. F. Couget.			Owner—J. Silva.	
4696 Bacon	Owner	7000	Architect—None.			Architect—None.	
4697 King	Greene	3500	Contractor—John R. Faulkes, 9828 E-14th St., Oakland.		\$1200	Contractor—J. S. Silva, 756 Castro St., Hayward.	\$1200
4698 Housh	Houck	5700	DWELLING			DWELLING	
4699 Englander	Barnett	3500	(4540) S W FRUITVALE & LOGAN, Oakland. One-story 8-room 2-fam. dwelling.			(4553) N E-TWENTY-SECOND 312 W 19th Ave., Oakland. One-story 4-room dwelling.	
4700 Whalen	Owner	3950	Owner—Andrew Seaholm, 3055 Laguna, Oakland.			Owner—Glenn R. Bell, 1433 Madison St., Oakland.	
4701 Same	Same	2950	Architect—None.		\$7000	Architect—None.	\$3000
4702 Krats	Bold	3500					
4703 Whalen	Owner	3950	FLATS				
4704 Wallace	Owner	2500	(4542) S JEAN ST. 100 W Grand Ave., Oakland. Two-story 10-room flats.				
4705 Wright	Lindquist	1500	Owner—Dr. J. J. Moyer.				
4706 Gt. Western	Nelson	26850	Architect—None.				
4707 McKintosh	Mullen	7842	Contractor—Mervin P. Rose, 540 Oxford St., Berkeley.		\$8300		
4708 Perkins	Long	8000	DWELLING				
4709 Matsen	Owner	1500	(4543) S W COR. LEO WAY & BDWY. Terrace, Oakland. One-story 6-rm. dwelling.				
4710 California	Owner	2000					
4711 Coryell	Osborn	2000					
4712 Marquis	Owner	4000					
4713 Perrenot	Owner	3300					
4714 Nicholls	Blackmann	3500					
4715 Otto	Gompertz	1000					
4716 Meyerstine	Owner	2500					
4717 Hartwig	Hememeyer	1800					
4718 Moniz	Owner	1600					
4719 Bottana	Campomenosi	3000					
4720 Dwyer	Savage	10900					
4721 Drayage	Owner	1500					
4722 Carlson	Johnson	10800					
4723 Lax	Charleston	2750					
4724 Orton	Owner	4000					
4725 Morse	Burks	6500					
4726 Hinch	Owner	3000					
4727 Hufschmidt	Owner	3500					
4728 Beatty	Home	2650					
4729 S. P. Co.	Moran						
4730 Canella	Stewart	2350					
4731 Bowen	Chapton	2000					
4732 Grogem	Owner	2500					
4733 Redding	Willford	2920					
4734 Danfelt	Wilson	4000					
4735 Noble	Owner	2000					
4736 Associated	Owner	2000					
4737 Weston	Owner	4000					
4738 Bowman	Owner	8000					
4739 Perkins	Owens	1000					
4740 Turner	Owner	2000					
4741 Rollar	Rollar	3000					
4742 Loring	Short	1000					
4743 Button	Owner	4900					
4744 Legg	Dashiell	3000					
4745 Arnest	Stanley	3500					

DWELLINGS

(4564) N E-TWENTY-SECOND 309 & 336 W Nineteenth Ave., Oakland.
Two one-story 5-room dwellings.
Owner—Glenn R. Bell, 1433 Madison St., Oakland.
Architect—None. \$3500 cash

DWELLING

(4555) N FIFTY-ELIETH 206 W Grove Oakland. One-story 5-room dwlg.
Owner—H. S. Buttr, Oakland.
Architect—None. \$3500

DWELLING

(4556) N GLENWOOD GLADE, Oakland. One-story 5-room dwelling.
Owner—W. R. Champlin, Broadway Terrace, Oakland.
Architect—None. \$3000

DWELLING

(4557) E MANDANA BLVD. 350 S Ashmont, Oakland. One-story 6-room dwelling.
Owner—Louis Saroni, 705 Sansone St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 1163 Ashmont Ave., Oakland. \$3500

STORE

(4558) SW FOURTEENTH AND E-Thirtieth St., Oakland. One-story 3-room store.
Owner—Frank J. Rose, 3217 14th Ave., Oakland.
Architect—None.
Contractor—L. G. Hudson, 1771 Evers Ave., Oakland. \$2500

DWELLING

(4559) N SALISBURY 300 W 35th Ave., Oakland. One-story 5-room dwlg.
Owner—N. P. Clarke.
Architect—None.
Contractor—R. E. Reeves, 1565 35th Ave., Oakland. \$2700

DWELLING

(4560) E HILLSIDE AVE 210.54 N Oakland Ave NE 188.10 NW 71.32 W 183.55 S 103.21, Piedmont. All work for heating for two-story dwelling.
Owner—R. C. Warner, 210 Hillside Ave., Piedmont.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor—Albert Paulsen, 2902 5th St., Berkeley.
Filed Oct. 21, '22. Dated Oct. 19, '22.
1st and 15th of each month..... 75%
Completed and accepted..... 5%
Usual 35 days..... 25%
TOTAL COST, \$1110
Bond, none. Limit, 45 days. Forfeit, plans and specifications, none.

STORE

(4561) E SAN PABLO AVE 130 S University Ave., Berkeley. All work for one-story brick store.
Owner—Z. G. Hadjioannou, Berkeley.
Architect—Schirmer, Bugbee & Co., Prayer Bldg., Oakland.
Contractor—C. Texdahl, 5375 Belgrave Place, Oakland.
Filed Oct. 21, '22. Dated Oct. 19, '22.
Erick walls completed..... \$3187.50
Completed and accepted..... 3187.50
Usual 35 days..... 2125.00
TOTAL COST, \$8500.00
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

DWELLING

(4562) N FIFTY-SECOND 72½ E Dover E 37½xN 80, Oakland. All work for one-story 5-room dwlg.
Owner—John Andrews, 432 Wickson St., Oakland.
Architect—None.
Contractor—R. L. Robins, 5117 Broadway, Oakland.
Filed Oct. 20, '22. Dated Oct. 19, '22.
Frame up..... ¼
Brown coated..... ¼
Carpenter work completed..... ¼
Usual 35 days..... ¼
TOTAL COST, \$3650

Bond, \$1825. Sureties, Addie N. Miller and Lucy E. Robins. Limit, 65 days. Forfeit, \$5. Plans and specifications filed.

DWELLING

(4563) NO 1946 HOPKINS ST., Berkeley. One-story 5-room dwlg.
Owner—H. L. Underwood, 2808 Dohr St., Berkeley.
Architect—None.
Contractor—J. B. Malmstrom. \$4500

DWELLING

(4564) NO. 2761 PARK S., Berkeley. One and one-half-story 5-room dwelling.
Owner—W. W. Owens, 1209 Francisco St., Berkeley.
Architect—None. \$4000

DWELLING

(4565) NO. 647 SANTA ROSA AVE., Berkeley. One-story 6-room dwlg.
Owner—Berkeley Bldg. Co., Solano and Colusa Sts., Berkeley.
Architect—None. \$3060

DWELLING

(4566) NO. 1520 TACOMA ST., Berkeley. One-story 5-room dwelling.
Owner—D. Campbell, 2421 Oregon St., Berkeley.
Architect—None. \$3000

DWELLING

(4567) W COR. ALLENDALE AND Octavia, Oakland. One-story 6-rm. dwelling.
Owner—Geo. F. Hoffman, 3738 Nevil St., Oakland.
Architect—None. \$4000

DWELLING

(4568) BDWY. TERRACE & PROCTOR AVE., Oakland. One-story 5-rm. dwelling.
Owner—J. A. Lindsay, 3315 Adeline St., Berkeley.
Architect—None.
Contractor—Barrett & Hilp, 918 Harrison St., Oakland. \$3500

DWELLING

(4569) N BLVD. WAY 100 E Kenmore. One-story 6-room dwelling.
Owner—Chas. Graham, 615 Calmar Ave., Oakland.
Architect—None. \$3980

STORE

(4570) N E-EIGHTEENTH ST. 40 W 3rd Ave., Oakland. One-story 6-rm store.
Owner—J. L. Schultz, 4246 Broadway, Oakland.
Architect—None.
Contractor—F. Petersen, 4156 Terrace, Oakland. \$5000

DWELLING

(4571) S FIFTY-FIFTH ST. 200 W Shattuck, Oakland. One-story 6-rm. dwelling.
Owner—S. H. Wade, 52nd & Market Sts., Oakland.
Architect—None.
Contractor—C. T. Moore, 446 38th St., Oakland. \$4000

DWELLING

(4572) S FOOTHILL BLVD. 97 W 62nd Ave., Oakland. One-story 4-room dwelling.
Owner—J. Moyle, 2482 63rd Ave., Okd.
Architect—None. \$3000

DWELLING

(4573) S MAJESTIC AVE. 50 E-62nd Ave., Oakland. One-story 6-room dwelling.
Owner—Mrs. Eliza Cadiz, 6119 Hayes St., Oakland.
Architect—None.
Contractor—H. H. Kruse, 6200 Majestic Ave., Oakland. \$3500

DWELLING

(4574) N E COR. MAYBELLE AVE. & Quincey, Oakland. One-story 4-rm. dwelling.

Owner—R. Snyder, \$90 Bush St., S. F. Architect—None.
Contractor—R. D. Grimes, 1628 Franklin St., Oakland. \$2900

DWELLING

(4575) S MESALA 150 W 62nd Ave., Oakland. One-story 5-room dwlg.
Owner—G. R. Butzbach, 8811 E-14th St., Oakland.
Architect—None.
Contractor—G. H. Butzbach & Son, 1640 64th Ave., Oakland. \$3000

ADDITION

(4576) E HERIDAN RD. 300 N Florance, Oakland. Addition.
Owner—H. S. Paton.
Architect—None. \$1500

APARTMENTS

(4577) N TENTH 100 W Fallon, Oakland. All work for three-story 24-room apartments.
Owner—B. H. and Doris H. Dean, 1129 E-28th St., Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed Oct. 23, '22. Dated Oct. 17, '22.
2nd floor joists in place..... \$5000
Brown coated inside..... 5000
Completed and accepted..... 1500
Usual 35 days..... 2500
TOTAL COST, \$20,000

Bond, none. Limit, 75 days after mud sills laid. Forfeit, none. Plans and specifications filed.

APARTMENTS

(4578) NE SIXTY-FIRST AND GROVE N 45X E 115, Oakland. All work except gas water heaters or boilers, finish hardware, garages, cement walks, fences for two-story 14-room apartments.
Owner—Newton and Bertha Shelley, 1823½ 62nd St., Oakland.
Architect—None.
Contractor—A. J. Yerrick, 5255 Colledge Ave., Oakland.

Filed Oct. 23, '22. Dated Oct. 16, '22.
Frame up..... ¼
Plastered..... ¼
Completed..... ¼
Usual 35 days..... ¼
TOTAL COST, \$14,150

Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

DWELLING

(4579) LOCATION NOT GIVEN, Oakland. All work for one-story 5-room dwelling and garage.
Owner—Stanley Nicholls.
Architect—J. Watson Oliver, 3800 Leona St., Oakland.

Contractor—E. L. Blackman, 4221 E-14th St., Oakland.
Filed Oct. 23, '22. Dated Oct. 4, '22.
Roof on..... ¼
Plastered..... ¼
Completed..... ¼
Usual 35 days..... ¼
TOTAL COST, \$3600

Bond, \$1750. Sureties, E. L. Blackman, Inc., and Charles Harrison. Limit, 100 days. Forfeit, \$1. Plans and specifications, none.

ADDITION

(4580) NO. 1914 ESCANDIDO ST., Berkeley. Addition.
Owner—J. S. Hill, Premises.
Architect—John Hudson Thomas, 1st National Bank Bldg., Berkeley.
Contractor—Matt L. Koski, 35 Ramona Ave., Oakland. \$1000

ADDITION

(4581) NO. 389 NORTHAMPTON ST., Berkeley. Addition.
Owner—F. F. Thomas.
Architect—John Hudson Thomas, 1st National Bank Bldg., Berkeley.
Contractor—Matt L. Koski, 35 Ramona Ave., Oakland. \$2000

DWELLING

(4582) NO. 6 PLAZA DRIVE, Berkeley
Two-story 8-room dwelling.
Owner—E. E. Carpenter, 3155 College Ave., Berkeley.
Architect—None.
Contractor—A. Nelson. \$7000

STORES

(4583) NO. 2017-19 SAN PABLO AVE., Berkeley. One-story 2-room brick stores.
Owner—Mr. George.
Architect—Schirmer Bugbee & Co., Thayer Bldg., Berkeley.
Contractor—C. Teshah, 5375 Belgrave Place, Oakland. \$8500

ADDITION

(4584) NO. 1449 SIXTY-SIXTH ST., Berkeley. Addition.
Owner—J. Goodman, Premises.
Architect—None.
Contractor—W. Livingston, 2918 Ellis St., Berkeley. \$1000

ALTERATIONS

(4585) NO. 2037 SHATTUCK AVE., Berkeley. Alterations.
Owner—Hoefler Corp.
Architect—None.
Contractor—Ben W. Hips. \$1000

DWELLING

(4586) NO. 901-03 TULARE ST., Berkeley. One-story 6-room dwelling.
Owner—Elsa May Abram.
Architect—None.
Contractor—C. B. Roberts, 1823 Curtis St., Berkeley. \$4500

DWELLING

(4587) E BARTLETT 460 N Brookdale, Oakland. One-story 5-room dwlg.
Owner—M. M. MacGregor, 470 13th St., Oakland.
Architect—None. \$3500

DWELLING

(4588) E EROCKWOOD 190 S Trestle Glen, Oakland. One and one-half-story 6-room dwelling.
Owner—M. E. Donaldson, 437 Perkins St., Oakland.
Architect—None.
Contractor—B. L. Stewart, 437 Perkins St., Oakland. \$6500

DWELLING

(4589) E BEAUMONT 100 N E 38th St., Oakland. One-story 6-room dwelling.
Owner—C. B. Dickson, 1214 33rd Ave., Oakland.
Architect—None.
Contractor—H. Geransen, 3476 Laguna Ave., Oakland. \$1480

DWELLING

(4590) S CORONADO AVE 120 E Desmond, Oakland. One-story 5-room dwelling.
Owner—Miss Anna Campbell, 5246 Desmond St., Oakland.
Architect—None.
Contractor—John Wishart, 1074 62nd St., Oakland. \$4000

ALTERATIONS

(4591) SW FIFTEENTH & FRANKLIN, Oakland. Alterations.
Owner—John Fisch.
Architect—None.
Contractor—M. F. Sommarstrom, 2215 Park Blvd., Oakland. \$8000

BOILER ROOM

(4592) NO. 370 GRAND AVE., Oakland. Boiler room and heating plant.
Owner—A. Hanrahan.
Architect—None.
Contractor—W. K. Nottingham, 368 10th St., Oakland. \$2000

DWELLINGS

(4593) E BARTLETT 337, 378, 419, 501, 512 and 583 N Brookdale, Oakland. Six one-story 6-room dwellings.
Owner—C. M. MacGregor, 410 13th St., Oakland.
Architect—None. \$3650 each

APARTMENTS

(4594) NE PARK BLVD. AND WASHINGTON, Oakland. Two-story 21-room apartments.
Owner—John McIntyre, 1601 7th St., Oakland.
Architect—None.
Contractor—Fornell & Son, 151 12th St., Oakland. \$23,000

ALTERATIONS

(4595) NO. 5825 KEITH AVE., Oakland. Alterations.
Owner—H. H. Lindsay.
Architect—None. \$1500

DWELLING

(4596) S MANDANA 277 E Chabrenden Crescent, Oakland. One-story 7-room dwelling.
Owner—G. K. Bacon, 5747 Dover St., Oakland.
Architect—None. \$7000

DWELLING

(4597) 5462 MANILA, Oakland. One-story 5-room dwelling.
Owner—J. S. King, premises.
Architect—None.
Contractor—Greene & Burns, 2971 Elmwood Ave., Oakland. \$3500

DWELLING

(4598) W MONTCLAIR 140 S Brooklyn, Oakland. 1-story 6-room dwelling.
Owner—E. H. Marrill, 2629 Summit St., Oakland.
Architect—None.
Contractor—H. L. Houck, 4609 Dolores Ave., Oakland. \$5700

DWELLING

(4599) W MANILA 200 S 42nd St. One-story 5-room dwelling.
Owner—Mrs. E. Englander, Nottingham apartments, Oakland.
Architect—None.
Contractor—H. M. Barnett, 691 Wesley Ave., Oakland. \$3500

DWELLING

(4600) E-FIFTH AVE 132 N E-19th St., Oakland. One-story 5-room dwelling.
Owner—J. F. Whalen, Federal Bldg., Oakland.
Architect—None. \$3550

DWELLING

(4601) N E-NINETEENTH 37 E-5th Ave., Oakland. One-story 5-room dwelling.
Owner—J. F. Whalen, Federal Bldg., Oakland.
Architect—None. \$3950

DWELLING

(4602) W THIRTY-FOURTH AVE. 90 S Foothill Blvd., Oakland. 1-story 5-room dwelling.
Owner—Susan Kratz, 2856 Peralta Ave., Oakland.
Architect—None.
Contractor—Bald & Son, 1984 36th Ave., Oakland. \$3500

DWELLING

(4603) N E COR. E-NINETEENTH ST and 5th Ave., Oakland. One-story 3-room dwelling.
Owner—J. F. Whalen, Federal Bldg., Oakland.
Architect—None. \$3950

DWELLING

(4604) W SIXTY-SECOND AVE 160 N Tevis, Oakland. One-story 4-room dwelling.
Owner—W. R. Wallace, 1201 62nd Ave., Oakland.
Architect—None. \$2500

ALTERATIONS

(4605) 130 THIRTY-SIXTH ST., Oakland. Alterations.
Owner—H. O. Wright, 436 36th St., Oakland.
Architect—None.
Contractor—F. L. Lindquist, 448 35th St., Oakland. \$1500

OFFICE BLDG.

(4606) POWELL ST. bet. Doyle and Beaudry Sts. Emeryville. Factory and office building.
Owner—Great Western Meter Co., 5701 San Pablo Ave., Oakland.
Architect—Geo. Rushforth, 2321 Blake St., Berkeley.
Contractor—H. P. Nelson, 1947 Blake St., Berkeley.

Filed Oct. 24, 1922. Dated Oct. 24, 1922. 14th and 30th day each month. 75% Final 35 days. TOTAL COST, \$26,850

Bond, none; Sureties, none; Forfeit, none; Limit, 80 days; Plans and specifications filed.

STORE BLDG.

(4607) PTN. LOTS 4 & 5 Ardsley Hts. Oakland. One-story frame and tile store building.
Owner—C. MacKintosh, Oakland.
Architect—Schirmer Bugbee & Co., Thayer Bldg., Oakland.
Contractor—Mullen & La Voie, 265 9th St., Oakland.
Filed Oct. 24, 1922. Dated Oct. 24, 1922. Tile wall completed. 75% Brown coated. 75% Completed and accepted. 75% Usual 35 days. TOTAL COST, \$7842

Bond, none; Sureties, none; Forfeit, none; Limit, 45 days; Plans and specifications filed.

STORE

(4608) NO. 2070-2076 ADDISON ST., Berkeley. One-story 2-room brick and tile store.
Owner—W. R. Woosley.
Architect—None.
Contractor—Ray O. Long Co., 2114 Shattuck Ave., Berkeley. \$1100

DWELLING

(4609) NO. 320 CHANNING, Berkeley. One-story 4-room dwelling.
Owner—W. Matson, 1429 8th St., Eddy. \$1500
Architect—None.

ADDITION

(4610) FOURTH AND CAMELIA, Berkeley. Addition.
Owner—California Ink Co., Premises.
Architect—None. \$2000

ADDITION

(4611) NO. 2313 & 2315 FULTON, Berkeley. Addition.
Owner—Mrs. E. D. Coryell, Premises.
Architect—None.
Contractor—W. W. Osborn, 2405 Bowditch St., Berkeley. \$2000

DWELLING

(4612) NO. 1028 OXFORD ST., Berkeley. One-story 6-room dwlg.
Owner—F. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. \$1000

DWELLING

(4613) 1457 CORNELL, Berkeley. One-story 5-room dwelling.
Owner—D. Perrenot, 1453 Cornell, Berkeley.
Architect—None. \$3300

DWELLING

(4614) S ARKANSAS 200 W Curran, Oakland. One-story 6-room dwlg.
Owner—Stanley Nicholls, 259 10th St., Oakland.
Architect—None.
Contractor—E. L. Blackman, 4221 E-11th St., Oakland. \$3500

ALTERATIONS

(4615) 1070 ARDMORE, Oakland. Alterations.
Owner—Marie K. Otto, Oakland.
Architect—None.
Contractor—Chas. W. Gompertz, Mills Bldg., San Francisco. \$1900

ALTERATIONS
(4616) 393 Adams St., Oakland. Alterations.
Owner—C. Meyerstine.
Architect—None. \$2500

DWELLING
(4617) E-EIGHTIETH AVE. 350 S E-14th St., Oakland. One-story 3-rm. dwelling.
Owner—W. M. Hartwig, 1332 80th Ave., Oakland.
Architect—None.
Contractor—F. Hememeyer, 1433 84th Ave., Oakland. \$1800

ALTERATIONS
(4618) 1926 E-FOURTEENTH ST., Oakland. Alterations.
Owner—M. Moniz.
Architect—None. \$1600

DWELLING
(4619) 366 FIFTY-FIRST ST., Oakland. One-story 6-room frame dwelling.
Owner—R. Bottana.
Architect—None.
Contractor—E. Campomenosi 5238 Lawton Ave., Oakland. \$3000

STORES
(4620) S E COR. FORTY-FIRST ST. & Piedmont Ave., Oakland. One-story brick stores.
Owner—D. Dwyer, 404 Walsworth, Okd. Architect—A. W. Smith, 1010 Broadway, Oakland.
Contractor—W. A. Savage, 555 California St., S. F. \$10,900

SHED
(4621) S FOURTH ST. 50 W Grove St., Oakland. Shed.
Owner—Drayage Service Corp., prem.
Architect—None. \$1500

FLATS
(4622) E GROVE ST. 60 N 61st St., Oakland. Two-story 12-room flats and 1-story tile garage.
Owner—Esther C. Carlson, 2822 Genoa St., Oakland.
Architect—None.
Contractor—Johnson & Abdon, 530 13th St., Oakland. \$10,800

DWELLING
(4623) E LOCKSLEY AVE. 270 S Chilton, Oakland. One-story 3-room dwelling.
Owner—Newark Lax.
Architect—None.
Contractor—C. E. Charleston, 5627 Genoa St., Oakland. \$2750

DWELLING
(4624) E SEMINARY AVE. 500 N Science Way, Oakland. One-story 5-room dwelling.
Owner—A. F. Orton, 6000 Trenor St., Oakland.
Architect—None. \$4000

DWELLING
(4625) W SEMINARY AVE. 100 N Fleming, Oakland. Two-story 8-rm. dwelling.
Owner—R. R. Morse, 5715 Fleming Ave., Oakland.
Architect—None.
Contractor—C. E. Burks, 4129 Randolph Ave., Oakland. \$6500

DWELLING
(4626) S THIRTY-NINTH ST. 380 W Telegraph, Oakland. One-story 5-room dwelling.
Owner—E. M. Hinch, 414 15th St., Okd. Architect—None. \$3000

DWELLING
(4627) W WARFIELD AVE 180 S E-27th St., Oakland. Two-story 5-room dwelling.
Owner—Walter Hufschmidt, Federal Bldg., Oakland.
Architect—None. \$3500

DWELLING
(4628) LOT 7 BLK A BLAKE TRACT, Berkeley. One-story 5-room dwlg.

Owner—David Beatty, 5440 Brookdale Ave., Berkeley.
Contractor—Home Construction Co., 2133 University Ave., Berkeley.
Architect—None.
Filed Oct. 25, 1922. Dated Oct. 20, 1922
Owner pays weekly.

TOTAL COST, \$2650
Contractor get 10%.
Bond, none; Sureties, none; Forfeit, none; Limit, none; No plans or specifications filed.

PAINTING
(4629) ALAMEDA COUNTY. Clean and paint 185 center poles and 60 high tension lattice poles.
Owner—S. P. Co., S. P. Bldg., S. F. Architect—None.
Contractor—Meran Paint & Oil Co., 383 Brannan St., S. F.
Filed Oct. 25, 1922. Dated Oct. 3, 1922.
Each month 75%
Usual 35 days 25%
TOTAL COST—\$4.75 per center pole; \$35 per high tension pole.
Bond, \$1490; Sureties, American Surety Co.; Forfeit, none; Limit, 60 days; Plans and specifications, none.

STORE BLDG.
(4630) SAN PABLO AVE. W 30th St., Oakland. One-story frame store building.
Owner—Joe Cannella, 2804 San Pablo Ave., Berkeley.
Architect—None.
Contractor—S. L. Stewart, 831 16th St., Oakland.
Filed Oct. 25, 1922. Dated Oct. 23, 1922.
Rafters up \$300
Plastered \$600
Completed and accepted \$800
Usual 35 days \$650
TOTAL COST, \$2350

Bond, none; Sureties, none; Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(4631) NO 1523 BROADWAY, Alameda. One-story 4-room dwelling.
Owner—Mason Bowen, 2256 Central Ave., Alameda.
Architect—None.
Contractor—L. R. Chaption, 442 Haight Ave., Alameda. \$3990

DWELLING
(4632) NO. 1511 MOUND ST., Alameda. One-story 5-room dwelling.
Owner—J. Groden, 2901 Santa Clara Ave., Alameda.
Architect—None. \$2500

DWELLING
(4633) NO. 2528 SANTA CLARA AVE., Alameda. One-story 4-room dwlg.
Owner—Geo. Redding, 2514 Santa Clara Ave., Alameda.
Architect—None.
Contractor—H. Williford, 3255 Central Ave., Alameda. \$2920

DWELLING
(4634) SAN JOSE AVE 70 W Paru St., Alameda. One-story 5-room dwlg.
Owner—Clara O. Daniels, 2037 Clinton St., Alameda.
Architect—None.
Contractor—Leslie R. Wilson, 2215 Blake St., Berkeley. \$1600

DWELLING
(4635) NO. 1333 SHERMAN ST., Alameda. One-story 4-room dwlg.
Owner—G. H. Noble, 2205 Santa Clara Ave., Alameda.
Architect—None. \$2000

GAS STATION
(4636) NO. 700 TALOR AVE., Alameda. Gas station.
Owner—Associated Oil Co., 1100 Webster St., Alameda.
Architect—None. \$2000

DWELLING
(4637) E FRISNO 252 S Salano, Berkeley. One-story 5-room dwelling

Owner—John O. Weston, 1731 Dwight Way, Berkeley.
Architect—None. \$4000

APARTMENTS
(4638) NO. 2401 FULTON ST., Berkeley. Two-story 12-room apartments.
Owner—A. J. Dowman, Premises.
Architect—None. \$8000

ADDITION
(4639) NO. 1509 WOOLSEY ST., Berkeley. Addition.
Owner—John Perkins, Premises.
Architect—None.
Contractor—G. Owens, 1195 Santa Clara Ave., Alameda. \$1000

DWELLING
WALKER ST. bet. Ward and Carlton, Berkeley. One-story 5-room dwlg.
Owner—David Beatty, 1325 Spruce St., Berkeley.
Architect—None.
Contractor—Home Constr. Co., 2133 University Ave., Berkeley. \$3000
NOTE—Recorded contract reported Oct. 26, 1922. No. 4628.

DWELLING
(4640) E AUSEON AVE 210 N Birch, Oakland. One-story 5-room dwlg.
Owner—Fred G. Turner, 4521 Virginia Ave., Oakland.
Architect—None. \$3000

DWELLING
(4641) N BROCKHURST 525 E Market, Oakland. One-story 6-room dwlg.
Owner—C. L. Rollar, 852 Brockhurst St., Oakland.
Architect—None.
Contractor—Rollar & Stone. \$5000

ALTERATIONS
(4642) NO. 5681 COLLEGE AVE., Oakland. Alterations.
Owner—E. S. Loring, 5909 Shafter Ave., Oakland.
Architect—None.
Contractor—C. W. Short, 465 Rosal Ave., Oakland. \$1000

DWELLING
(4643) S CHABOT ROAD 120 W Hearn, Oakland. One-story 6-room dwelling.
Owner—I. W. Butten, 547 63rd St., Okd. Architect—None. \$4000

DWELLING
(4644) S FLEMING 180 E Courtland, Oakland. One-story 5-room dwlg.
Owner—Mrs. Marie Legg, 4425 Fleming St., Oakland.
Architect—None.
Contractor—Dashiell & Turner, 4325 Virginia Ave., Oakland. \$5000

DWELLING
(4645) E FOURTEENTH AVE 35 N E-19th St., Oakland. One-story 4-room dwelling.
Owner—Bell G. Arnest, E-19th St. bet. 13th and 14th Aves., Oakland.
Architect—None.
Contractor—F. E. Stanley, 1748 23rd Ave., Oakland. \$3500

DWELLING
(4646) E FORTY-SECOND AVE 77 S Carrington, Oakland. One-story 5-room dwelling.
Owner—A. R. Attebery, 2039 42nd Ave., Oakland.
Architect—None. \$3000

DWELLING
(4647) W McCAIL 100 S 59th St., Oakland. One-story 5-room dwlg.
Owner—Mrs. Taylor, 900 Lakeshore Ave., Oakland.
Architect—None.
Contractor—F. T. Malley, 900 Lakeshore Ave., Oakland. \$4000

SHOP
(4648) E MOORPARK 150 S Russell, Oakland. One-story shop.
Owner—W. A. Beechel, San Leandro.
Architect—None. \$5000

DWELLING
(4649) S MAINE 120 W Maple Ave., Oakland. One-story 4-room dwlg. Owner—Chas. P. McCoy, 4311 View St., Oakland. Architect—None. \$2500

ALTERATIONS
(4650) 1503 OAK ST., Oakland. Alterations. Owner—G. L. Eddy, Martinez. Architect—None. Contractor—A. E. Berg, 2039 23rd Ave., Oakland. \$1000

DWELLING
(4551) S PRINCETON 240 W Fairfax, Oakland. One-story 5-room dwlg. Owner—Chas. J. L. Koester & Son, 5356 Wentworth Ave., Oakland. Architect—None. \$3000

DWELLING
(4652) E-WILSON AVE. 260 N Hopkins, Oakland. One-story 5-room dwelling. Owner—A. W. Smith. Architect—None. Contractor—R. A. MacKerrick, 3419 Fruitvale Ave., Oakland. \$3000

RECORDED

DWELLING
(4653) LOT 6 BLK B MAP LAKE-shore Terrace, Oakland. One-story 6-room dwelling. Owner—Elizabeth & Donald Robertson, 415 28th St. Architect—None. Contractor—Jos. Flittner, 1700 35th Ave., Oakland. Filed Oct. 26, 1922. Dated Oct. 25, 1922. Frame up 1/4 Brown Coated 1/4 Completed and accepted 1/4 Usual 35 days 1/4 TOTAL COST, \$5382 Bonds, none; Sureties, none; Forfeit \$1; limit, 90 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Oct. 20, 1922—NE MELROSE 50 SE Forty-seventh Ave SE 50XNE 130, Oakland. A Zetterblad by Olaf Zetterblad to whom it may concern Oct. 14, 1922
Oct. 20, 1922—NO. 666 VERNON ST., Oakland. Ella E Richardson to J Dawson Oct. 14, 1922
Oct. 21, 1922—S 90 LOT 24 Dell C. Woodward's Shdvn Pagoda Hill. J L Rankin to whom it may concern Oct. 15, 1922
Oct. 21, 1922—E BROADWAY 216 S Washington S 40X140-2, Alameda. Benedetto Cervetti to J P Silva Oct. 14, 1922
Oct. 21, 1922—LOT 24 BLK 10, East-lawn, Oakland. Etta Barrier to E D Bramdage Oct. 20, 1922
Oct. 21, 1922—SE SUNNYSIDE DR 363 NE E-14th NE 40 SE 175.99 SW 40 NW 180.02. Flora M Peston to whom it may concern. Oct. 17, '22
Oct. 23, 1922—LOT 4 BLK 435, Map Loma Vista Tract, Oakland. Myron Benfer to whom it may concern. Oct. 23, 1922
Oct. 23, 1922—LOT 23 BLK "H" Map Kenwood Park, Oakland. John Lindquist to whom it may concern. Oct. 23, 1922
Oct. 23, 1922—N THIRTY-FIFTH 500 E Telegraph Ave., Oakland. B H and Doris H Dean to Harry C Knight Oct. 17, 1922
Oct. 23, 1922—SW WOOLSEY AND Telegraph Ave SW 85.23 E 110 N 82.78 to 87.65 to pt beg, Oakland and Berkeley. C A MacLean to Joseph Kann Sent. 20, 1922
Oct. 24, 1922—LOT 19, Lake Knoll Tract, Oakland. Arthur K and Mattie C Hoover to whom it may concern. Oct. 17, 1922

Oct. 24, 1922—N PARK BLVD 225.64 W Brooklyn Ave W 58 —, Oakland. L C Fish to whom it may concern. Oct. 14, 1922
Oct. 24, 1922—LOT 2 BLK "F" Map East Piedmont Heights, Oakland. Caroline Powell to H L Hocke Oct. 24, 1922
Oct. 24, 1922—S 1/2 LOT 2 and N 1/2 Lot 6 Blk 21, Map Ppty Berkeley Villa Assn., Berkeley. H E McCarthy to whom it may concern. Oct. 21, 1922
Oct. 24, 1922—E 45 LOT 1 BLK 25, Map Daly's Sec'de Park, Berkeley. Marlin Wilkins to H H Porter Oct. 17, 1922
Oct. 24, 1922—E PTN LOT 39 BLK 2, Rock Ridge Place, Oakland. Ruth Jackson by Zura E Bells to E J Field Oct. 10, 1922
Oct. 25, 1922—LOTS 13 AND 14 Map Hardy Tract, Oakland. Selma C Hendrickson by A Hendrickson to A Hendrickson Oct. 25, 1922
Oct. 25, 1922—E WOODLAND AVE 50 SE Dutton Ave SE 50 NW 153.52 NW 50 SW 153.67, San Leandro. H Elmer Johnson to whom it may concern. Oct. 25, 1922
Oct. 25, 1922—LOT 11 BLK 11, Oak Ridge Claremont, Berkeley. Summer Clement to David Nordstrom Oct. 25, 1922
Oct. 25, 1922—NW WALSWORTH & Jago Vista Aves 60X125, Oakland. Charles Googrin to A E Johnston Oct. 20, 1922
Oct. 25, 1922—E MARKET 481 S 1st S 100X E 150, Oakland. Pacific Gas & Electric Co to Duncanson-Harrelson Co Oct. 19, 1922
Oct. 25, 1922—NW FORTY-THIRD & Grove Tax 90, Oakland. N Rizzo to J E Sprague Oct. 15, 1922
Oct. 25, 1922—LOT 20 BLK "A" Map Lakewood Park, Oakland. Nat Levy to M E Hopper & Son Oct. 25, 1922
Oct. 25, 1922—NW STOKES AVE 574 SE E-14th SW 40 NW 149.56 NE 40 SE 149.65, San Leandro. E T Welsin to J F Loughrey, Tract, 1922
Oct. 25, 1922—42 17 ACRE TRACT, conveyed by Lizette McCarthy to U S Weaver and J E Faustina, deed recorded Liber 2788 Deeds, Page 284, 463.43 SE Dutton Ave SE 50 SW 204.01, San Leandro. John A and Caroline A Saletzke to F L Burnett Oct. 20, 1922
Oct. 25, 1922—LOTS 1 AND 2 BLK "D" Maxwell Park, Oakland. Chas Quayle to Burritt & Shely Oct. 25, 1922
Oct. 26, 1922—LOT 15 BLK 10 Map McDiee Tract, Berkeley. Edna Rose Rogers to C P Kreischer, Oct. 15, '22
Oct. 26, 1922—N NEY AVE 200 W Parker Ave. Ernest A Wilson to whom it may concern. Oct. 16, 1922
Oct. 26, 1922—NO. 674 TWENTY-fifth St., Oakland. Anna S Sullivan-Kelly to J W Forbes Oct. 26, 1922
Oct. 26, 1922—LOT 9 BLK "O" Map East Piedmont Heights, Oakland. Alice M Wittschen to C M MacGregor Oct. 26, 1922
Oct. 26, 1922—SE TOBLER AND SE Redwood Ave SW 36.53 SE 125, Oakland. Oriente & Elvina Travaglini to Jos Flittner Oct. 23, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Oct. 26, 1922—SE SUNNYSIDE DR 163 NE E-14th SE 136.87 NE 60 NW 136.83 SW 60, San Leandro. Clarence A Deane vs Darling, Harding & Co \$325
Oct. 21, 1922—LOT 2 BLK 3, Claremont Tract, Berkeley. E H Wood Lumber Co vs J B Fritzsche and L Solomon \$326.76
Oct. 21, 1922—LOT 21 BLK "D" Map Elks M, N O P of Harmon Tract,

Berkeley. Edward Mattson vs Wharf and R T Haas \$118.35
Oct. 24, 1922—W SUNNYSIDE DR 903 NE E-14th E 67.84 NW 191.93 W 68.10 SE 751.89, San Leandro. California Door Co vs Emma Starr and Farling, Harding Co \$261
Oct. 21, 1922—LOT 19 BLK H Map Lakeshore Highlands, Oakland. Emeryville Hardware & Tool Co \$36.92; Contractors & Builders Supply Co, \$707.95 vs C M Fryer, Florence Fryer and C C Williams \$72.25
Oct. 25, 1922—E NINTH AVE N E 21th St., Oakland. B L Blackman Co vs T R Gorth and C Garcia \$567.61
Oct. 26, 1922—LOT 24 and Ptn Lot 33 Blk "F" Map Lakeshore Terrace, Oakland. M Jordan vs M E Higgins \$55
Oct. 26, 1922—LOT 19 BLK 11, Map Lakeshore Highlands, Oakland. A E Conner vs Florence Fryer and Charles C Williams \$55

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Oct. 20, 1922—LOTS 22 AND 23 BLK "B" Map Broadway Terrace, Oakland. Pacific Mfg Co to Arthur Steele and D E Culbertson \$512.44
Oct. 25, 1922—LOT 2 BLK 408 Sunset Hardware Co to Estate Emma M Tittmore and C H Wood \$49.58

Notice of Non-Responsibility

ALAMEDA COUNTY.

Oct. 24, 1922—LOT 76 Map Resbdyn Blk "C" Msek Estate Orchards, Eden Tp. H W Meek Estate, Inc, as to improvements on property. Oct. 23, 1922—NO. 1658 SEVENTH ST. Oakland. Vincent H Westdorf as to improvements on property. Oct. 24, 1922—LOTS 53, 54 AND 55 Blk 6 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property. Oct. 21, 1922—NW 22 1/2 LOT 2 and SE 12 1/2 Lot 3 Blk 2 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property. Oct. 26, 1922—SW LOT 22, all Lot 23, NE 5 Lot 24 Blk 18, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property. Oct. 26, 1922—E GROVE 85 N 14th N 40X E 86, Oakland. H C Morris Co as to improvements on property.

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
N SIDE OF HOWARD AVE. Near Primrose Rd., Burlingame, Cal. (and Ad-denda). One-story frame residence with garage. Owner—Mrs. A. Franklin, San Mateo, Cal. Hayward; Hayward and El Camino. Architect—Ernest L. Norberg, 407 Occidental Ave., Burlingame. Contractor—John Rutherford, Redwood City, Cal. Filed Oct. 17, 1922. Dated Oct. 10, 1922. 25% complete frame \$2287.50 25% roof is on rough plaster. 2287.50 25% Completed and accepted. 2287.50 25% usual 35 days 2287.50 TOTAL COST, \$9150 Bonds, yes; Sureties, Geo. Hazlett, S. F., and W. J. Hazlett, S. F.; Forfeit, \$4 per day; Limit, 90 days; Plans and specifications filed.

VAULT

SECTION "I" 1 A. LOTS 3 & 4, Home of Peace Cemetery. All work for underground vault.

Owner—Rose Stein, executrix of the estate of Moses Stein, deceased, 3363 Washington St., S. F.

Architect—Hermann Barth, Phelan Bldg., San Francisco.
Contractor—E. A. Weizenburger, Colma
Filed Oct. 17, 1922. Dated Oct. 10, 1922.
Completed and accepted. \$145.00
Usual 35 days. 495
TOTAL COST, \$1985

Bonds, yes; Sureties, John D. McGilvray and C. P. Pratt, S. F.; Forfeit, \$5; Limit, 3 months; Plans and specifications filed.

DWELLING

ADJACENT TO HOUSE OF JAS. A. and Grace Doyle, Hillsborough. All work for two-story dwelling and garage.

Owner—Edward H. Clark Jr. and Margaret Nichols Clark, San Mateo and Midway Sts., San Mateo.
Architect—John K. Branner, 251 Kearny St., San Francisco.

Contractor—C. M. Bassett Bldg. Co., 600 Market St., San Francisco.
Filed Oct. 19, 1922. Dated Oct. 11, 1922.
Rafters on. \$1979.50
Brown coated. 4979.50
Completed. 4979.50
Usual 35 days. 4979.50
TOTAL COST, \$19,668.00

Bond, \$10,000. Surety, National Surety Co. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW

LOT 7 BLK 6 RANGE B, Redwood City. All work for one-story bungalow.

Owner—Charles Acrotti, Warren and Marshall Sts., Redwood City.
Architect—George Mitchell, 304 Bradford St., Redwood City.

Contractor—Louis N. Pollard, 55 Brewster St., Redwood City.
Filed Oct. 19, 1922. Dated Oct. 17, 1922.
Roofed. \$1397.50
Plastered. 1397.50
Completed. 1397.50
Usual 35 days. 1397.50
TOTAL COST, \$5590.00

Bond, \$3608. Sureties, W. P. Gray and Z. T. Thorning. Limit, before Jan. 30, 1923. Forfeit, none. Plans and specifications filed.

RESIDENCE

18 CAPUCHINO 250 N. Carmelita Ave., Burlingame. All work for residence.

Owner—J. F. Kreutzer, Burlingame.
Architect—O. R. Thayer, 116 Sutter St., San Francisco.

Contractor—M. C. Ingraham, 460 Duane Ave., San Francisco.
Filed Oct. 19, 1922. Dated Sept. 28, 1922.
Progressive payments. 1397.50
TOTAL COST, \$4500

Bond, none. Limit, none. Forfeit, \$1. Plans and specifications, none.

RESIDENCE

316 CALMELITA AVE. and FLOMA St., Burlingame. All work for one-story residence.

Owner—J. A. Turner, Burlingame.
Architect—O. R. Thayer, 116 Sutter St., San Francisco.

Contractor—M. C. Ingraham, 460 Duane Ave., San Francisco.
Filed Oct. 19, 1922. Dated Sept. 28, 1922.
Framed. \$1500
Brown coated. 1500
Completed. 1500
Usual 35 days. 1500
TOTAL COST, \$6000

Bond, none. Limit, 90 working days. Forfeit, \$1. Specifications only filed.

BUNGALOW

86 LINE BELLEVUE AVE., Burlingame. All work for one-story bungalow and garage.

Owner—Carl M. Harding et al, 1371 Post St., San Francisco.

Architect—G. A. Berger, 261 Valencia St., San Francisco.

Contractor—M. C. Ingraham, 460 Duane Ave., San Francisco.

Filed Oct. 19, 1922. Dated Oct. 16, 1922.
Roofed. \$1069
Brown coated. 1500
Completed. 1950
Usual 35 days. 1550
TOTAL COST, \$6069
Bond, \$3100. Sureties, J. C. Moore and J. C. Moore Jr., Limit, 90 working days. Forfeit, \$1. Plans and specifications filed.

PAINTING, ETC.

ATHEITON AVE. near Alameda de Los Fuleas, Atherton. All work for painting and fining residence.

Owner—Mrs. Suzanne Parry, San Francisco.

Architect—E. L. Nerberg, 593 Market St., San Francisco.
Contractor—Frisk & Swanson, 4331 19th St., San Francisco.

Filed Oct. 24, 1922. Dated Oct. 14, 1922.
As work progresses. 75%
Usual 35 days. 25%
TOTAL COST, \$1600

Bond, \$800. Sureties, Olaf Menison & Charles Monson. Limit, 45 working days. Forfeit, none. Plans and specifications filed.

PLUMBING

VISITATION VALLEY. Furnish and install all plumbing for sub station.

Owner—Pacific Gas & Electric Co., 145 Sutter St., San Francisco.

Architect—None.
Contractor—C. Drucker and H. Lawson, (as Lawson & Fucker), 450 Hayes St., San Francisco.

Filed Oct. 21, 1922. Dated Oct. 11, 1922.
Completed. 75%
Usual 35 days. 25%
TOTAL COST, \$425

Bond, \$265. Surety, Fidelity & Deposit Co. of Maryland. Limit, 10 working days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted

Oct. 17, 1922—PORTION OF LOTS 26 and 27 Blk 3 Glenwood Park, Burlingame, San Mateo, John Tunnicliffe & Daisy M. to Wilson & Benson

Oct. 16, 1922—LOT 25 ELGEME HTS 1556 Cypress Ave., San Mateo, A. F. Roller to whom it may concern

Oct. 16, 1922—BEING A PART OF Rancho Laguna de la Merced as Patented Part of Los 2 Sec 1 Twp 3 So Range 6 West Mt Diablo Base and Meridian, Lake Merced Golf & Country Club to Schultz Construction Co., Oct. 7, 1922; Lake Merced Golf & Country Club to Pittsburgh-Des Moines Steel Co., Oct. 13, 1922

Oct. 19, 1922—LOT 18 BLK 17, Redwood Highlands, Redwood City, John Cassaretto to Louis N. Pollard

Oct. 19, 1922—LOT "H" 10 K 5, Burlingame Terrace, Burlingame, D. Houle to whom it may concern

Oct. 17, 1922

Oct. 17, 1922—LOT 11 BLK 8, Burlingame Sub. Elwood and Walter Klueckerbocker to whom it may concern

Oct. 18, 1922

LIENS FILED

SAN MATEO COUNTY

Recorded

Oct. 23, 1922—LOT 21 BLK 4, Easton Addition No. 1, Burlingame, M. J. Salor vs F. M. Naber and Daniel H. Crawford

BUILDING CONTRACTS

SANTA CLARA COUNTY

\$1,000 and Over Reported

LINOLEUM FLOOR

PALO ALTO. All work for furnishing and installing a linoleum floor.
Owner—Library Board of City of Palo Alto.

Architect—Birge M. Clark, Stanford University, Palo Alto.
Contractor—D. N. & E. Walter & Co., 572 Mission St., San Francisco.

Filed Oct. 16, 1922. Dated Oct. 10, 1922.
Upon completion. 75%
Usual 35 days. 25%
TOTAL COST, \$1503

Bond, \$752. Sureties, United States Fidelity & Guaranty Co. Limit, 10 days after finished. Forfeit, none. Plans and specifications filed.

DWELLING

W THIRTEENTH ST. between Empire and Washington Sts., San Jose. All work for one-story six-room frame dwelling.

Owner—A. E. Correa.
Architect—None.
Contractor—Wm. H. O'Neill, 500 N-15th St., San Jose.

Filed Oct. 16, 1922. Dated Oct. 12, 1922.
Roof on. \$777.50
Brown coat mortar on. 777.50
Dwelling completed. 777.50
Usual 35 days. 777.50
TOTAL COST, \$3110

Bond, \$1600. Surety, Southern Lumber Co. Limit, Jan. 25, 1923. Forfeit, none. Plans and specifications filed.

RESIDENCE

LOS ALTOS. All work for two-story frame residence and garage.

Owner—F. W. Aust.
Architect—Wolfe & Higgins, Auzeais Bldg., San Jose.

Contractor—E. E. Arnott, Campbell. Filed Oct. 23, 1922. Dated Oct. 10, 1922.
Frame up. \$2095.25
1st coat plaster on. 2095.25
Building finished. 2095.25
Usual 35 days. 2095.25
TOTAL COST, \$8381.00

Bond, \$4190. Sureties, P. Arnott and C. C. Bynes. Limit, 96 working days from Oct. 10, 1922. Forfeit, none. Plans and specifications filed.

COTTAGE

NW SIXTEENTH & SAN SALVADOR Sts., San Jose. All work for one-story frame cottage.

Owner—Carl F. and Gladys F. Di Fiore, San Jose.

Architect—Chas. S. McKensie, Bank of San Jose Bldg., San Jose.
Contractor—V. Brown, 521 N-16th St., San Jose.

Filed Oct. 23, 1922. Dated Oct. 16, 1922.
Frame erected. \$1335.75
1st coat plaster on. 1335.75
Upon completion. 1335.75
Usual 35 days. 1335.75
TOTAL COST, \$5353.50

Bond, \$2700. Sureties, A. L. Hubbard and John Lindgren. Limit, 75 working days from Oct. 23, 1922. Forfeit, none. Plans and specifications filed.

RESIDENCE

MARTIN AVE., San Jose. All work for one-story frame residence and garage.

Owner—L. Krohn, 355 S-15th St., San Jose.

Architect—Wolfe & Higgins, Auzeais Bldg., San Jose.
Contractor—Alexander H. Petrie and Walter Furtwangler, 192 S-22nd St., San Jose.

Filed Oct. 23, 1922. Dated Oct. 23, 1922.
Frame up. \$1250
1st coat plaster on. 1250
Upon completion. 1250
Usual 35 days. 1250

TOTAL COST, \$5090.00
Bond, \$5000. Sureties, Chas. A. Payne and Anthony Schutte. Limit, 90 working days from Oct. 21, 1922. Forfeit, \$2 a day. Plans and specifications filed

HEATING. Heating equipment installed etc., in high school building. Owner—Gilroy Union High School Dist. Architect—Wyckoff & White, Growers' Bank Bldg., San Jose.
Contractor—Scott & Co., 213 Minna St., San Francisco.

Filed Oct. 23, '22. Dated Oct. 6, '22.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2380
Bond, \$2500. Sureties, Peter F. Scott and H. M. Van Ielt. Limit, 30 working days from Oct. 6, 1922. Forfeit, \$5 a day. Plans and specifications filed

GARAGE, \$2300; N First Rear Ct. House; owner, Santa Clara Co.; architect, Binder & Curtis, 255 1/2 S 1st St., San Jose.

RESIDENCE, 7-room, \$8000; William & 14th, San Jose; owner, M. E. Arne-vich, 59 W Santa Clara St. San Jose; architect, Wolfe & Higgins, Amelias Bldg., San Jose; contractor, Leu Wolfe, 131 Coe St., San Jose.

COTTAGE, 5-room, \$3200; 15th near Washington, San Jose; owner, R. S. Purdy, 76 W 1st St., San Jose; architect, Pac. Ready Cut Homes, Knox Bldg., San Jose.

PUBLIC GARAGE, \$1855; 11th near Sta. Clara; owner, Arthur Butten, San Jose.

ALTERATIONS, \$1800; 220 Margaret, San Jose; owner, C. T. Johnson, premises, San Jose.

COTTAGE, 5-room, \$5300; 15th & San Salvador, San Jose; owner, C. Di-Plore, 355 Jackson St., San Jose; architect, C. V. Brown, 521 N 16th St., San Jose; contractor, C. V. Brown, 521 N 16th St., San Jose.

COTTAGES, 2 1/2-room, \$1975 each; Empire near 12th, San Jose; owner, Jas. H. Watson, 419 E Empire St., San Jose; contractor, Arnott Bros., San Jose.

FACTORY BUILDING, \$1000; San Pedro near Julian, San Jose; owner, S. A. Pfeffer, San Jose.

COTTAGE, 5-room, \$3600; 17th near Washington, San Jose; owner, Earl Ballentine, San Jose; contractor, Peray Shenbume, 375 N 15th St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY.

Recorded Accepted
Oct. 18, 1922—SAN JOSE, M J Wetmore to Howard S Waltz, Oct. 14, 1922
Oct. 18, 1922—SAN JOSE, (Griffin-Skelly Warehouse Roof), Southern Pacific Co to B S Harris, Oct. 10, 1922
Oct. 18, 1922—HANCHIETT RESIDENCE Tract, San Jose. T A Hansen to Geo Lindbloom, Oct. 10, 1922
Oct. 19, 1922—SAN JOSE, A W Maderis to whom it may concern, Oct. 14, 1922
Oct. 19, 1922—SAN JOSE, Joseph and May Foster to Carl C Maurer, Oct. 17, 1922
Oct. 20, 1922—SAN JOSE, W H Norman to whom it may concern, Oct. 17, 1922
Oct. 21, 1922—HESTER PARK, San Jose, E J Hawley and C H Rabing to whom it may concern, Oct. 21, 1922
Oct. 23, 1922—NEAR SARATOGA, Hamilton Morgan to O H Anderson, Oct. 23, 1922
Oct. 24, 1922—SAN JOSE, John Marchese to whom it may concern, Oct. 26, 1922

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Oct. 11, 1922—BILL OF IDYLWILD Subdn No. 3, except Lots 44, 47, 48, 101, 102 and 103 near Los Gatos, P W Wright & Sons Invest Co., \$1123
A Hermann vs J W Wright and J

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Oct. 23, 1922—SANTA CLARA COUNTY, Karl Fuglerlud to Tugonia oil & Gas Co and Continental Oil & Mineral Co., \$489

BUILDING CONTRACTS

FRESNO COUNTY

\$2500 and Over Reported

DWELLING, \$3250; No. 822 Yale Ave., Fresno; owner, Pearl Bldg. Co.; contractor, C. E. Millhollen, 2639 Madison St., Fresno.
DWELLING, \$—; No. 340 Olive Ave., Fresno; owner, John Manely; contractor, Chas. M Hall
BUILDING, \$15,000; No. 1454 N-Van Ness Ave., Fresno; owner, Francis C. Mehan, contractor, E. Riggins, 1325 O St., Fresno.
DWELLING, \$4000; No. 1002 Blackstone Ave., Fresno; owner, H. Sar-gavark; contractor, M. Moonooogrian
DWELLING, \$10,500; No. 454 Effie St., Fresno; owner, Mrs. Agnes Walker, 1265 Safford St., Fresno; contractor, Berton & Wolff, Bank of Italy Bldg., Fresno.
BUILDING, \$63,000; No. 2035 S-Broad-way, Fresno; owner, Peoples Ice Corp., 2040 Anna St., Fresno, contractor, J. H. Vaughn.
DWELLING, \$7900; No. 550 Poplar Ave., Fresno; owner, R. C. Kennedy, Mason Bldg., Fresno.
DWELLING and garage, \$3000; No. 650 Terrace Ave., Fresno; owner, Fresno Home Builders, 1231 Broadway, Fresno.
DWELLING, \$4500; No. 1223 Olive Ave., Fresno; owner, Myrtle Brostlin, contractor, E. R. Brostlin.
DWELLING, \$6000; No. 448 N-Van Ness Ave., Fresno; owner, M. Rasmussen, 922 Van Ness Ave., Fresno; contractor, L. J. Berg.
DWELLING and garage, \$7000; No. 608 Echo Ave., Fresno; owner, E. L. Allen, 520 Fortcamp Ave., Fresno.
FACTORY, \$19,000; Kern & Angus St., Fresno; owner, Lisibny Mfg. Co., contractor, Trewhitt & Shields, 1819 El Dorado St., Fresno.
DWELLING, \$2800; 326 Clark St., Fresno; owner, H. Larson, 3764 Iowa St., Fresno; contractor, M. D. Johnson, Fresno

DWELLING, \$3500; 2619 Clay St., Fresno; owner, R. Mother; contractor, M. Payne, 3855 Belmont St., Fresno.
DWELLING, \$2200; 1805 G St., Fresno; owner, Geo. Sherman, 343 J St., Fresno; contractor, Wm. Shorer, Fresno.
DWELLING, \$2000; 2616 Harvey Ave., Fresno; owner, Chas. Tichene, 2605 Tyler St., Fresno.
DWELLINGS, 419, \$2000 each; 1136-37, 43-52 Poplar Ave., Fresno; owner, J. C. Prichard, 3028 Washington St., Fresno; contractor, Prichard Bros., Blackstone & McKinley Ave., Fresno.
DWELLINGS (4), \$2750 each; Cedar Park, Fresno; owner, E. R. Morris, 312 Shasta St., Fresno.
DWELLING, \$2950; 3862 Verrue Ave.; owner, E. R. Morris, 312 Shasta St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Oct. 20, 1922—LOTS 17 AND 18 BLK 40, Fresno. Abbie W Parker to whom it may concern, Sept. 15, 1922
Oct. 20, 1922—LOTS 20, 21 AND 22, Kearny Heights, Fresno. A G Lampares to whom it may concern, Oct. 18, 1922
Oct. 21, 1922—LOT 18 Belmont Villa Tract, Fresno. H H Cobb to whom it may concern, Oct. 14, 1922
Oct. 22, 1922—S 40 FT OF LOTS 20, 21, 22 Block 27 Arlington Heights Tract, W. J. Palfrey to whom it may concern, Oct. 21, 1922
Oct. 24, 1922—LOTS 15 AND 16 BLK 2, College Park, Fresno. Vm. I Harris to whom it may concern, Oct. 20, 1922
Oct. 24, 1922—LOTS 7 TO 10 BLK 17, Sierra Vista Addition, Fresno. M Stivers to whom it may concern, Oct. 20, 1922

LIENS FILED

FRESNO COUNTY

Recorded Amount
Oct. 20, 1922—LOTS 22 TO 25 Park Place, Fresno. H N Osborn vs Jas H Reegan and S W Ottinger, \$354
Oct. 20, 1922—LOTS 43 AND 44 BLK 1, Avalar Heights, Fresno. Barrett & Hicks Co vs Marion Nugent, \$21
Oct. 21, 1922—LOTS 25 AND 26 BLK 1, Allen & Pinford Tract, Fresno. Howard Dickey vs Fred Mott et ux, \$225
Oct. 21, 1922—LOTS 14, 15 AND 16 Blk 53, Biola. L Rosenberg vs Fred Nelson, E Rardolph and P L Mason, \$425

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, 1-story frame, \$3500; S Boyd, bet. 37th & 38th, Richmond, owner, E. P. Bryant, 542 5th, Richmond; contractor, K. J. Henning, 39th and Clinton, Richmond.
DWELLING, 2-story frame, \$5500; W 11th, bet. Barrett and Roosevelt, Richmond; owner, E. D. Gray, 727 Bissell, Richmond; contractor, K. J. Henning, 39th and Clinton, Richmond.
FLATS (2) 2-story frame, \$6500; W 6th bet. Bissell & Chanslor, Richmond; owner, L. Hunsberger, 557 6th St., Richmond; contractor, K. J. Henning, 39th and Clinton, Richmond.

PIERCE-BOSQ UTT
Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

\$2500 and Over Reported

RESIDENCE, \$3000; 32 W Fifth St., Stockton; owner, Frank Gurin.

RESIDENCE, \$11,000; 1525 W Hunter St., Stockton; owner, M. Murray, Stockton.

APARTMENT BLDG., \$2500; 648 E Lafayette St., Stockton; owner, J. N. Adams, 315 S. American St., Stockton.

RESIDENCE, \$5100; 602 E Lexington St., Stockton; owner, L. Delucchi, 142 E Jefferson St., Stockton.

RESIDENCE, \$6500; 1855 S San Joaquin Stockton; owner, C. A. Bremer, Stockton.

RESIDENCE and garage, \$3525; 11 E Fremont St., Stockton; owner, Miss Kohle, 21 E Walnut St., Stockton.

RESIDENCE and garage, \$3525; 11 E Fremont; owner, Miss Kohle, 21 E Walnut St., Stockton.

REBUILD oil heating plant, \$5000; Old County Hospital Grounds, Stockton owner, San Joaquin County.

RESIDENCE, \$7500; No. 935 S-Center St., Stockton; owner, J. Schwartz, 945 S-Center St., Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Oct. 21, 1922—NW W-NORTH ST. & Sacramento Road, Stockton.
Stockton Grammar School District to Shepherd & Riley, Oct. 18, 1922

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2500 and Over Reported

BUILDING, 1-story 5-room, \$3500; Lot 7, I. J. 36, 37; owner, E. J. Silvey, 513 Q St., Sacramento; contractor, Fred Gould, Colerage, Heights, Scto.

DWELLING and garage, 1-story 5-rm., \$4000; 3981 H St.; owner, E. H. Eames, 4206 E St., Sacramento; contractor, Thos. B. Hunt, 2126 S St., Sacramento.

DWELLING and garage, 1-story 5-rm., \$3800; 3020 D St., Sacramento; owner, Miss N. Daroux, 925 19th St., Sacramento; contractor, Thos. B. Hunt, 2126 S St., Sacramento.

REMODEL porch, \$3000; 1614 11th St., Sacramento; owner, F. L. Smith, 1614 11th St., Sacramento; contractor, J. R. Howell, 1837 47th St., Sacramento.

DWELLING, one-story 5-room, \$4500; No. 2422 V St., Sacramento; owner, J. T. Comers, 1129 20th St., Sacramento; contractor, C. Vannia, 2622 M St., Sacramento.

RESIDENCE, one-story 6-room and garage, \$6942; No. 1316 12nd St., Sacramento; owner, Mrs. C. H. Shawson, 2701 G St., Sacramento; contractor, J. T. Ransdall, 1055 41st St., Sacramento.

LODGE BUILDING, 2 story frame, \$22,125; N E Bates Ave. and Riverside Drive at Courtland; owner, Franklin Lodge 13 F. & A. M. Hall Assn., Courtland; contractor, James Cassie and Geo. Rendall. Filed Oct. 20, 1922, dated Oct. 19, 1922.

DWELLING, 1-story 5-room, \$2800; 2415 15th St., Sacramento; owner, Julia Jungua, 2417 15th St., Sacramento; contractor, C. Valine.

DWELLING, 1-story 6-room, and garage, \$4000; 3840 Sherman Way; owner, J. B. Russell, 2405 O St., Sacramento.

FLATS, 2-story, \$8000; 2010 E St., Sacramento; owner, H. F. Allen, 515 U St., Sacramento.

DWELLING, one-story 5-room and garage, \$2100; No. 1656 45th St., Sacramento; owner, J. Manassero, 51st and Q Sts., Sacramento; contractor, Jas. Patterson.

DWELLING, one-story 4-room, \$2850; No. 2611 F St., Sacramento; owner, Mrs. McKee, 2400 H St., Sacramento; contractor, Frank Meyer, 2710 W St., Sacramento.

DWELLING, one-story 6-room and garage, \$2550; No. 1009 7th Ave., Sacramento; owner, P. R. Opdyke, 1017 7th Ave., Sacramento.

DWELLING, one-story 4-room and garage, \$5200; No. 2733 Curtis Way, Sacramento; owner, M. W. Sahlberg, 2015 G St., Sacramento; contractor, Chas. Peterson, Box 22, Route 8, Sacramento.

DWELLING, one-story 5-room, \$3800; No. 2316 I St., Sacramento; owner, A. J. Rice, 2390 T St., Sacramento; contractor, Chas Peterson, Box 22, Route 8, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Oct. 17, 1922—LOTS 4 & 5 W B Fink Sub. W E Fink to whom it may concern, Oct. 10, 1922

Oct. 18, 1922—X 40 FT LOT 1691 & S 20 ft Lot 1690 W & K Track 24. W M McElvaine to whom it may concern, Oct. 16, 1922

Oct. 21, 1922—W 30 FEET LOT 6, all Lots C-7, K, L, 10th and 11th Sts., Sacramento. Archibald M Muir to whom it may concern, Oct. 16, 1922

Oct. 22, 1922—N 1, L 10T 5, K, L 3rd and 11th Sts., Sacramento. St. George Hotel Co to whom it may concern, Oct. 20, 1922

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Oct. 25, 1922—LOT 11 99 W & K Tract No. 25, Sacramento. Gustaf Dean vs Harold W Hills and Geo Pear. SCR\$255

OFFICIAL PROPOSALS

(Continued from Page 15)

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned on November 8, 1922, for constructing portions of the State Highway System as follows:

(1) Bids received until, and opened at 1:30 p. m., for grading, construction of culverts and placing gravel surface, in Humboldt County, between the south county line and Winnemucca.

(2) Bids received until, and opened at 2:30 p. m., for grading, construction of culverts and placing gravel surface, in Lyon and Churchill Counties, between 2.8 miles East of Fernley and Hazen.

Bids received until, and opened at 3:30 p. m., for placing gravel surface in Churchill County, between 1 1/2 miles East of Salt Wells and Sand Springs.

Plans may be examined and form of Proposal, Contract and Specifications secured at the office of the undersigned; they may also be examined at the County Clerk's office in Winnemucca for Humboldt Co. work in Yerington and Fallon for Lyon and Churchill Counties. Division Engineer's office in Las Vegas, Elko or Reno, and District office of Bureau of Public Roads, U. S. Building, San Francisco, California. Cash deposit of fifteen dollars (\$15.00) with the undersigned required for copy of plans which will be refunded on their return in good condition. Bids must be on Pro-

posal form of Highway Dept. and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required and in accordance with the provisions of said Specifications, conditioned for the faithful performance of all provisions of the Contract and Specifications.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

TO CALL BIDS FOR REFRIGERATING PLANT, ETC.

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed "proposals for refrigerating and ice-making plant, Naval Operating Base (Hospital), Pearl Harbor, T. H. Specifications of 4735 will be received at the Bureau of Yards and Docks Washington, D. C. in the near future. The work consists of refrigerating and ice-making equipment substance except ammonia, and consisting of two-motor-driven compressors, condenser, liquid receiver, two motor-driven brine pumps, a motor-driven circulating water pump, a combination freezing and brine-cooling tank with expansion coils, a water pre-cooler tank with coils, a pressure filter, brine agitator, water agitator system by compressed air, automatic can filler, hand-operated crane, automatic can dump and ice chute, ice cans, oil and scale traps, piping for existing cold storage rooms and cook's boses and the construction of an ice-storage room in shall be 8000 pounds per 24 hours. Drawings and specification No. 4735 may be obtained on application to the Bureau of Yards and Docks, Navy Department, Washington, D. C. Commandant, Navy Yard, Mare Island, California, or to the Commandant, Naval Operating Base, Pearl Harbor, T. H. Deposit of a check or postal money order for \$10.00 payable to the Chief of Bureau of Yards and Docks is required as security for the safe return of the drawings and specification within five days after the award of contract.

BUSINESS OPPORTUNITIES

Further information regarding these opportunities may be had from Foreign & Domestic Trade Department, San Francisco Chamber of Commerce, Merchants Exchange Bldg; (refer to index number when making inquiries).

6564—Norway. Old established manufacturers and exporters of sepulchral monuments and tomb stones, also crude blocks of syenite (Labradorite), with importers on the Pacific Coast.

6568—Los Angeles, Calif. Importers of calcium chloride 70-75% and sulphate of copper 98-99% desire connections with San Francisco firms using these chemicals.

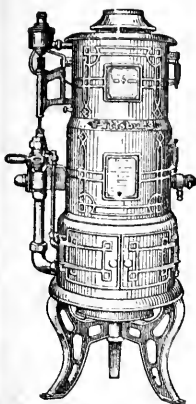
6570—Honolulu, T. H. Manufacturers of wood products desire to be placed in communication with firms dealing in planing mill machinery, with a view to securing estimates for a complete planing mill and furniture factory.

6570—San Juan, Porto Rico. Gentleman with excellent references is interested in a San Francisco export business of building materials.

6580—Sweden. Firm manufacturing plain wooden chairs, suitable for assembly halls, etc., is anxious to secure a representative for their product on the Pacific Coast.

D-286—Hayonne, N. J. Manufacturers of Fuel Oil Burners desire representative in California.

D-288—Buffalo, N. Y. Well established eastern concern is anxious to be placed in touch with an individual or firm which could represent them in San Francisco and adjoining territory for the handling and selling of complete semi-automatic filling machines.



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BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

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SAN FRANCISCO, CALIF., NOVEMBER 4, 1922

Published Every Saturday
Twenty-second Year No. 44

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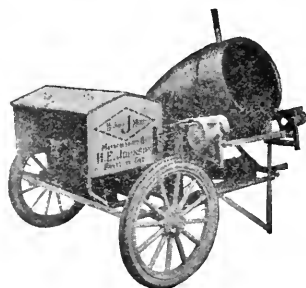
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When a job is finished it is possible for one man to wheel it back of the auto and by the use of one bolt couple it ready for the road.

Contractors do not realize the yardage capacity and the money-making power of the Diamond "J" Mixer. It is capable of turning out from 25 to 30 yards of concrete per 8-hour day, with 4 to 5 men, and the concrete is as well mixed as can be done by any machine, regardless of size.

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., NOVEMBER 4, 1922

Twenty-second Year No. 41



No. 560 Mission Street,
San Francisco, Calif.

MRS. L. A. LAUSEN, Publisher
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Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
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Fresno Builders' Exchange
Vallejo Builders' Exchange

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BILLS LIMIT HIGHWAY LOADS AND
PROVIDE PUBLICITY FOR DAY
WORK PROJECTS

Two bills of importance to construction men will come before the California Legislature when it assembles next January. One is to be a bill to limit traffic loads on state highways, so they will not exceed the maximum loads for which the pavements were designed. The other bill will require publicity on all public work done on a day labor basis.

The highway measure is earnestly supported by W. A. Gillette, of Pasadena, public works contractor, who believes that many of the attacks on the State Highway Commission, the highway engineers and the contractors for the condition of some of the highways are unjust.

Referring to an accounting of the cost of public work done on the day labor plan, Arthur S. Bent, in a statement to the press of Los Angeles, called the attention of the public to the startling contrast between the results of contract work and day labor work by the State's forces in the construction of the State highways. He said that in the joint report of the two great automobile clubs of California there was a statement of 300 contracts done by the State by day labor amounting to \$7,000,000, while the State's accounts showed unit costs on only five.

"How long would a contractor last if he did business that way," asked Mr. Bent. "On two of these five, the State first called for bids, then rejected them on recommendation of the engineer, who went ahead with the work by the State's force. On the large job the estimated cost was \$102,000; a contractor's bid on the work was \$117,000; by day's labor the work cost the State \$160,000. The second job had been estimated by the engineers at \$43,000; the bid was \$64,000; by day's labor it cost the State \$81,000."

BETTER HIGHWAYS TO RELIEVE CITY CONGESTION

"The highway engineer is needed sorely at this moment, the engineer with daring imagination, to help scatter the dwelling houses and residence facilities of cities of more than 25,000 population far and wide into the outlying open country, and thus in some appreciable way to relieve congestion in American cities," declared Dr. C. J. Galpin, United States Department of Agriculture, at the second annual conference on highway transportation education at Washington.

"A large factor in decentralizing city homes is the transportation problem, and challenges the genius of highway engineers," Dr. Galpin said. "Less than one-third the entire population of the United States is on farms. Sixty-eight cities of more than 100,000 population each contain nearly another third. The 30 odd millions of people living in cities of 25,000 population and over are being brought into immediate contact with the commodities of living, the skills of service, and the institutional wisdom of the world, whereas those who live on farms receive few of these advantages."

A system of complete terminal towns connected by rail or water to wholesaling cities and an adequate system to groups of farm populations is Dr. Galpin's solution for "taking the curse off farming, and opening the door to a good kind of life on the farm."

SACRAMENTO BUILDERS GATHERING CONTRACT AND DAY LABOR COSTS

The Sacramento Master Builders' Association is collecting data on public and private construction to afford a comparison between contract and day labor work.

The information collected will reflect on a new bill which will be brought before the legislature in the near future. The proposed legislation provides that in the matter of state construction work the estimated cost of the work to be published, bids called for, and the final cost of the job, if completed by day labor, published.

Out of 300 state jobs accomplished by day labor during the past year, according to figures, on only five of them was the cost estimated beforehand, and on two jobs in which bids were received the final cost of the work by day labor was 40 per cent on one and 80 per cent on another higher than the contract figures for the work. A similar bill was vetoed by Governor William D. Stephens a short time ago.

STATE CIVIL SERVICE COMMISSION TO HOLD EXAMINATION

Examinations soon will be held at Sacramento, San Francisco and Los Angeles by the State Civil Service Commission to provide eligibles for attractive positions in the State Corporation Department as Deputies and Examiners. The salary ranges for the position are for Deputy, from \$225 to \$325 per month, and for Examiners, from \$200 to \$270 per month. The Civil Service will accept applications for the examinations up to and including Nov. 4, and the persons desiring to enter may obtain application blanks from the State Civil Service Commission, Room 331, Forum Building, Sacramento; Room 1007, Hall of Records, Los Angeles, and the office of the State Free Employment Bureau, 771 Howard Street, San Francisco.

BUILDING BOOM RELAXES

"Indications are that the peak of the building boom is past," says The Industrial Digest. "September expenditures on construction did not quite equal those of August, and since the June of May, it is fair to assume that the 1922 boom is over. This does not mean that activity in the building trade may be expected to stop, but merely that the excitement is past and the industry is ready to settle down to a long period of deliberate work until there are enough houses for everybody."

"There is still a real housing shortage in 94 out of 146 cities and counties surveyed by the National Association of Real Estate Boards. There is a surplus of high class apartment houses in New York; in Boston there is no shortage; Charleston has a housing problem, but rents are going down; there are plenty of homes in Dallas; Harrisburg still has a shortage, although building operations are normal and rents steady."

"In the South, construction is still going strong. Activity earlier in the year was tremendous. In 84 cities of 16 Southern States where comparative building figures are available, \$215,531,425 worth of new construction was commenced during the first half of the year, a gain of \$64,563,723 over the corresponding period of 1921."

BUILDING BOOM IN CANADA

Canada is experiencing a building boom. Figures for the first six months of the year show a volume of construction unequalled in any year since 1911.

Building permits had an aggregate value of \$132,452,900 for the first six months, as compared with \$117,762,559 in the first half of 1921. Ontario accounted for \$75,586,900, Quebec \$31,294,200, Maritime provinces \$5,521,700 and the Western provinces \$21,049,200.

Of the total \$53,435,300 was invested in residences, \$39,660,900 in business building, \$10,050,700 in industrial concerns and \$29,305,100 in engineering construction. Compared with last year, building in Ontario has doubled and Toronto has led all Canadian cities in work of this kind.

OCTOBER BUILDING SUMMARY

Following is a record of building activities in San Francisco for the month of October, 1922, as shown by the records of the Bureau of Building Inspection of the Department of Public Works:

Class	No. of Bldgs.	Est. Cost
A	1	\$ 225,000
B	2	536,500
C	30	1,010,397
Frames	247	1,421,939
Alterations	399	1,525,558
TOTAL	679	\$4,719,394

LUMBERMAN SLAIN

C. M. Cox, Manager of the M. J. Scanlon Lumber Company plant at Massack, seven miles from Quincy, Plumas County, was shot and killed October 31. Felipe Pasquera, a Filipino, has been arrested and charged with the shooting. Cox was married and is survived by a widow and one daughter.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS



More Americans are flocking to the building bargain counter this fall than at any time since the war halted home construction. Contractors and architects, usually the first to feel the approach of cold weather with a slump in business, report a steadily increased volume of inquiries and city officials are writing more permits for erection of homes. Men in the building industry, from material manufacturer to carpenter and mason, have long known the economic advantage of building in the slack season. For several years the industry has waged a steady campaign to bring this fact before the public and spread the congested activity of a few months over the entire year. When the greater portion of building is crowded into seven months, prices reach their highest in the spring and summer when the demand crowds the supply. The same situation obtains in the labor phase of the work. By building in the fall and as far as possible into the winter, this demand is more nearly proportioned among 12 months of the year; mills and factories are able to maintain a steadier flow of production; raw material and architect are able to keep their basic organizations intact and the contractor and architect are able to keep their basic organizations intact and thus decreasing overhead expenses and assuring more satisfactory and efficient work. Men in the industry see in this autumn's increased building, the prospect of a broadening of the old short season and a consequent stabilization of building costs, estimating that the certain success of the home owners who are building this winter will prompt many others to take the step in succeeding seasons. The manufacturers of cement particularly have waged steady campaigns on this one subject, in perfecting methods of using their product in cold weather to the best advantage, and to bring a realization of the savings to be effected before the public. That such campaigns have borne fruit is evidenced in reports for proposed construction from many cities which show a greater volume of all classes of building on the books for fall and winter than ever before.

The home builder of California will not be allowed to shingle his roof if the State Housing Act—famously known as the Shingle Bill—now being held up for referendum, is approved at the November election. Because of an anti-shingle clause inserted so adroitly that it was not discovered until after Governor William D. Stephens had signed the measure, is manifestly so absurd, unfair and unjust, the lumbermen of California are opposed to the bill, which is No. 5 on the November ballot. In proof that the State Immigration and Housing Commission, under whose supervision the State Housing Act is administered, did not know of the clause in question and that its presence makes the whole act objectionable, Paul Scharrenberg, chairman of the State Immigration and Housing Commission, has written the argument asking for the negative vote. The bill defines semi-fireproof and fire-proof buildings prescribing "approved" roofings and then adds a section which includes all dwellings which may be built. The smallest bungalow, the most isolated and humble cottage in any incorporated community in California, come under the provisions of the act, as it will be in effect if approved Nov. 7th. Realization of the defect, the discriminatory sections favoring one class of manufacturers and imposing a ridiculous and unjust restriction upon house owners, was responsible for the holding up of the law pending a referendum. More than 53,000 names were signed to the petition for the State Immigration and Housing Commission announced its opposition to a measure that might have been termed its own and the "anti-shingle" bill became known as one of those freak and dangerous measures which must be defeated.

Reductions in freight rates ranging as high as 35 per cent on a number of commodities from Eastern points to California will become effective Nov. 30, according to G. W. Luce, Freight Traffic Manager of the Southern Pacific Company. The reduced rates will apply, from all Eastern points except the Southeast, on cedar lumber, varnish, stoneware, brass and bronze articles, asbestos lumber, lamp black, grading and road-making machines, electric traveling cranes, machinery, packing house products, copper roofing, iron barrels, acetone and other commodities.

A movement to form a branch of the Los Angeles Builders' Exchange in Orange county, is under way. At a meeting at Santa Ana a temporary organization was formed with J. Simon Fluor as chairman and George W. Wells as secretary. A temporary executive committee to receive and pass on applications for membership was appointed. This committee consists of G. W. Young, Chris McNeill and Charles H. Chapman. The purpose of the movement in Orange county is stated to be the protection of the public against irresponsible persons in the building industry.

The Laguna Honda Parent Teachers' Association has endorsed the \$12,000,000 bond issue to be voted upon in San Francisco November 21.

San Jose, during October, issued 80 building permits. The improvements totaled \$116,110, as compared with \$117,355 for October, 1921.

Building permits issued in Vallejo during October totaled \$26,344.

C. W. Dickey, supervising architect for the Oakland Board of Education, assisted by Architect J. J. Donovan of Oakland, is mapping out a program of construction to be undertaken under a future \$8,400,000 bond issue to finance school improvements. The issue will provide \$7,000,000 for construction, \$700,000 for purchase of sites and \$700,000 for furnishings.

The Sacramento Chamber of Commerce is conferring with City Manager Clyde L. Seavey regarding the immediate construction of a municipal golf course in the William Land Park on Riverside Drive. Wm. Locke, noted golf course architect, will submit a preliminary report on the proposed improvement.

Building in Portland, Ore., for October totaled \$1,459,420 as compared with \$1,942,510 for the corresponding period in 1921. The total for the past ten months is \$20,037,560.

Articles of incorporation of the Electric Screw Driver and Tool Company have been filed in Oakland. The company is capitalized at \$100,000. Directors are: R. D. Austin, D. F. Bacheller and Julius Dusevoir, of Oakland.

The Western Lumber Co. of Sacramento, has filed articles of incorporation with the Secretary of State. The company is capitalized at \$200,000, of which \$500 is subscribed. Directors are E. S. Carpenter, J. S. Forster, N. J. Campbell, Phillip S. Driver and F. H. Carpenter, all of Sacramento.

(Continued on Page 7)

ALONG THE LINE

B. S. Stone, of Astoria, Ore., was elected president of the Pacific Coast Ass'n. of Port Authorities, at the close of the annual convention held in Oakland. Other officers were: R. D. Pinneo, Astoria, secretary; R. S. Burgard, Portland, first vice president; Albert E. Carter, Oakland, second vice president; Edgar McKee, Los Angeles, third vice president; J. H. McCallum, San Francisco, fourth vice-president, and J. E. Lampine, Seattle, fifth vice president.

R. M. Beanfield, civil and mechanical engineer, has opened offices in the Brix Building, Fresno, where he will specialize in the designing of reinforced concrete, steel and timber structures, heating, ventilation, refrigeration, mechanical handling of materials, quantity surveys, inspections and reports.

Ben Covell, Sacramento building inspector, reports the issuance of 301 building permits during October. The improvements carried on under these permits represent an expenditure of \$1,378,486. For the past ten months the building totals in Sacramento aggregate \$8,155,269.

F. A. Beltmann, of Houston, Texas, has been elected president of the National Hardware Ass'n, which recently closed its 1922 convention in Atlantic City. Other officers elected are: Bruce Hayden, of San Francisco, and John Townley, of Kansas City, vice presidents; T. James Farney, of Philadelphia, secretary-treasurer.

The Saticoy Company, of Ventura, has been incorporated with a capital stock of \$150,000 by A. G. Wright, of Fullerton; C. A. Beall, of Los Angeles; A. H. Stovall, of Santa Paula, and Charlotte Stephens and D. G. Bowker, of Ventura.

The American Automatic Lock and Lift Co., of San Francisco, capitalized at \$500,000, has filed articles of incorporation with the county clerk in Oakland. Directors are: Evan Georgeff, Charles F. Craig and Walter Johnson.

A. B. Cutter, city engineer of Everett, Washington, has been granted six months leave of absence. He will go to New York to take up a course in the National Institute of Public Administration.

The Calfelt Insulating Manufacturing Co. has opened a plant at 2417 Enterprise St., Los Angeles, for the manufacture of deadening felts. A. G. Brown is manager.

Western Sheet Metal Works, 1911 Mission street, San Francisco has placed on the market a new gas tank water heater.

The Associated General Contractors of America will hold their annual meeting in Los Angeles, January 30 to February 2, 1923.

Union Oil Co. plans \$500,000 oil storage plant on 120-acre tract, at Ten Mile Point, just south of Edmonds, Wash.

A NEW \$26,000,000 WATER POWER PLANT

In the State of Alabama is the largest power plant in the world, at Keokuk. During the period of its construction the attention of all the engineers of the country was focused on it. This plant was the largest thing of its kind that had ever been attempted so far. When completed, it supplied electric power to hundreds of cities and innumerable factories.

And now, in northern Arkansas on the White River, there is now under construction a project which will be even greater than Keokuk. Whereas Keokuk is a power plant, for supplying power only, the new project will not only supply as great an amount of power, but will also serve as a medium to keep in check the surrounding rivers which cause enormous damage to both crops and property each year.

The program includes the creation of an artificial lake to be the largest in the world, with an area of 90 square miles, a 350-mile shore line and possessing all of the attractive features of a natural lake. The completed project will supply the power to turn the wheels of hundreds of factories spread over a large territory and meet the power demands of cities and towns, from the smallest village to the great metropolitan centers.

The present program provides for the construction of three dams, the largest one across the White River near Cotter, to be known as the Dixie Dam; another across the Buffalo River, 12 miles below Cotter, and a third on the Big North Fork of the White River, 20 miles below Cotter. The combined output of the three dams will be 155,000 horsepower. The contemplated construction of five low-head dams across the White River between Cotter and Batesville, Ark., will increase the continuous horsepower to 255,000.

The Dixie dam, which will be located within a short distance of the celebrated Rush Creek mining district, noted for its rich deposits of zinc and lead, will be started shortly after the first of next year and will require two years in building. Its height is given as 253 feet, length at crest 2000 feet, and base 1500 feet. The width at the base is to be 200 feet and the width at the crest 36 feet. The dam will be of the monolithic type, of solid concrete, requiring 1,100,000 yards of concrete in its construction. The cost of construction of the Dixie dam will be \$15,000,000, and it will have a capacity of 100,000 continuous horsepower. The Buffalo dam will cost \$5,000,000 and will have a capacity of 25,000 continuous horsepower. The Big North Fork dam will have a 30,000 continuous horsepower capacity and will cost \$6,000,000, bringing the cost for the three dams to \$26,000,000.—The Industrial Digest.

BARNES-TIBBITTS SHIPYARD PASSES TO NEW HANDS

Purchase of the Barnes and Tibbitts shipbuilding and Drydock Company, of Alameda, Calif., by the General Engineering Company, 1013 Battery Street, San Francisco is announced by George A. Almes, president of the latter concern, who will head the combined affairs of the entire operations of the entire holdings on both sides of the San Francisco Bay. The purchase price is not revealed. The shipyards and drydocks embrace large and valuable land and water holdings in Alameda and the plant is declared to be exceptionally well equipped. The purchasers come into possession of everything associated with the shipyards, including boiler works, two drydocks, mill and joiner shops, cranes and all other apparatus. The name of the shipyards will be changed to the General Engineering and Drydock Company. In October of

Eighteenth Convention of National Rivers and Harbor Congress

The Official Call has been issued for the Eighteenth Convention of the National Rivers and Harbors Congress, which is to be held in Washington, D. C., on Wednesday and Thursday, Dec. 6 and 7. This will be the second convention of the Congress in 1922, the Seventeenth, which would regularly have been held in December, 1921, having been postponed until the 6th and 7th of March of this year because of the Conference on the Limitation of Armaments.

A special rate of one and one-half fare for the round trip, on the certificate plan, has been granted from every part of the country except the Pacific Coast States, and a large attendance is expected. The Woman's National Rivers and Harbors Congress will hold its Fifteenth Convention at the same time and place.

The annual banquet will be held on the evening of the second day, Thursday, Dec. 7. The banquets of the Congress have always been notable and enjoyable occasions and there is no reason to expect that the coming one will be any exception. There is some curiosity, however, to see who will act as toastmaster. Vice President Coolidge presided at the banquet last March and Vice President Marshall at the one preceding that, in December, 1920.

One of the liveliest discussions at the coming Convention will center around the question whether or not water competition justifies a violation of the long-and-short-haul clause of the Interstate Commerce Act. Before the Interstate Commerce law was passed, the railroads reduced the rates to waterway points to any extent that was necessary to destroy water competition, recouping themselves for the losses so incurred by charging higher rates to intermediate points and much higher rates to inland points equally distant but not intermediate.

Feeling on this subject is especially acute in the Inter-Mountain region, the people of which claim that their interests are suffering from a discrimination that is unjust and ought to be made un-

lawful. For a long time the freight rate from New York to Salt Lake City, for instance, was made up of the through rate from New York to San Francisco plus the local rate from San Francisco back to Salt Lake City. Former Senator Bristow, of Kansas, once pointed out that the railroads charged \$670 more to drop a carload of woolen goods from New York in Tucson, Arizona, than they did to haul it through Tucson, 1600 miles farther to the Pacific coast.

The people in the Inter-Mountain Country have been fighting this system of rate making ever since the Interstate Commerce Commission was established—and are still at it—and the National Rivers and Harbors Congress has secured several changes in the Interstate Commerce law. Freight rates can no longer be cut below cost of operation but must be fairly compensatory, and water competition must be "actual" rather than merely "potential" before the Interstate Commerce commission can allow a railroad to charge more for a shorter than for a longer haul.

The cities situated on waterways insist that they are entitled to the benefits due to their location, including lower freight rates than inland points and the railroads declare that inland points are entitled, not to the same rates as waterway points, but to rates that are reasonable for the service rendered; that if they are not allowed to make competing rates to waterway points all the traffic would go by boat instead of by rail and that this would cause such a loss of railway revenues that, in order to avoid bankruptcy, they would have to charge to inland points rates that are much higher than those they now pay.

The Intermediate Rate Association has agreed to furnish a speaker to state their views and it is expected that a speaker from some city on the Pacific Coast will present the other side of the question, after which it will be thrown open for discussion by the delegates to the Convention.

Last year the General Engineering Co. purchased the holdings of the Triangle Engineering Company. Prior to Armes joining the General Engineering Company as president last year, the concern was known as Mooney and Young. John Mooney and James Young will be directing heads in the various phases of the enlarged company.

PRIZE OFFERED FOR STORIES OF LANDMARKS

The Saye the Surface Information Bureau, 507 The Bourse, Philadelphia, Pa., announces that \$1000 has been set aside for prizes which will be awarded for the best stories and pictures of notable American landmarks. Every town or village has some building or landmark whose preservation has been secured through loving care by owners or public spirited citizens.

The prizes have been classified as follows: First prize, \$250; second prize, \$100; third prize, 50; four prizes of \$25; thirty prizes of \$10; forty prizes of \$5.

In case of ties the full amount of the prize will be given to each tying contestant. Preference will be given to stories accompanied by pictures.

TUBE PROJECT HALTED

Plans for the construction of a tube under the estuary between Oakland and

Alameda received a setback when District Attorney Ezra Decoto informed the Alameda County Board of Supervisors that under the state constitution the proposed tube cannot be built.

The state constitution conflicts on the point, he declared, an enabling act in 1911 giving the power of expending the money for such work to the boards of supervisors and the mayors of the cities interested, while in 1914 an amendment placed the power of expending county funds only within the hands of the supervisors.

An attempt by Supervisor John Mullins to have the counties state construction of a bridge to replace the one ordered out by the federal government was voted down. An attempt will be made at the next session of the legislature to have the law amended again.

BRIDGE CONSTRUCTION FOR URUGUAY

Commercial Attache Edward F. Feelev, at Buenos Aires, Argentina, has called the results of the second bidding for the construction of the Santa Lucia River Bridge in Uruguay, which will require 3,000 tons of fabricated steel. There were eight bidders, of whom the lowest according to nationality were: American, 621,000 Uruguayan gold pesos; Belgian, 799,000 pesos; German, 856,000 pesos; and British, 900,000 pesos.

BONDING IRRESPONSIBLE CONTRACTORS

"By giving bonds to irresponsible contractors, surety companies not only spoil the experience and profits of their own company but greatly interfere with the obtaining of a legitimate profit by their better class of clients. By qualifying on the bonds of the undesirable contractor, surety companies obtain bonds on which they suffer loss and trouble, and by their action keep the work from going to responsible concerns of experience and responsibility. It is human nature that when a contractor of good standing loses six or eight jobs by a narrow margin because of the ridiculous bidding of the irresponsible bidder, he will take the last desperate chance, cut away his profits entirely, hoping for the breaks to help him over the rocks. Why is this necessary? Because some bonding company wanted the business of the irresponsible contractor and did not sense the resentment of the legitimate contractor who was pitting his recognized ability, both of a practical and financial nature, against a gambler. What chance has a man who plays against loaded dice? In the same breath one is tempted to compare the sure-thing gambler with the contractor of no standing who is able to secure a bond."—The Scrapper."

HOUSING BUREAU PREPARES PLUMBING REPORT

A tentative report on residence plumbing has been prepared by the subcommittee on plumbing of the Building Code Committee of the Division of Building and Housing of the U. S. Department of Commerce. This report presents recommendations for design of plumbing systems in one and two-family dwellings, and outlines the principles which it is believed should govern the public control of such work through plumbing codes and inspection.

These recommendations are based on extensive series of experiments with plumbing equipment conducted at the U. S. Bureau of Standards under the direction of the subcommittee; also on investigations of practice and opinion in all parts of the country. This report is being sent out in limited numbers for comment and criticism, and the revised report published later for distribution.

Detailed rules for plumbing practice are now being prepared, and will be given in a subsequent report. The experimental work is being continued and demonstration equipment, open to public inspection, will soon be installed.

11 MILLER ORDERS EXCEED SHIPMENT

"American Lumberman" of California says some reduction in volume of orders, particularly for southern pine; they still are above possible shipments from mills. Consequently, order files are increasing and market is whole remains unusually firm for period. Unsold stocks are small, but at some points sold stocks are accumulating.

Automobile manufacturers have been increasingly in the market during the past fortnight for certain southern maples and ash. Low grade lumber, particularly hardwoods, has been active for boxing and crating industries. A feature of yellow pine has been tendency of some mills to hold for advances on certain items of upper grades. Architectural terra cotta is a leader in building materials markets, all factories in this district working at capacity. Stocks are exceptionally low.

A detailed survey of two square miles of land, rich in limestone beds, owned by the Riverside-Portland Cement Co., above Springfield, is being made under the director of J. L. Thomas, general superintendent of the company.

By W. R. Neel, State Highway Engineer of Georgia

(Paper read before a recent meeting of the Southern District of The Asphalt Association, Atlanta, Ga.)

This is a subject very often under discussion by all of the parties concerned. The Engineer has his interpretation of the word co-operation, the Contractor his and the Owner his; but isn't it a fact that each one's idea about just what this word means is a little different? This reminds me of a story told me by a friend. He relates that soon after marrying, he, wishing to avoid mistakes commonly made by married people, decided it would be a good idea to have a frank discussion with his wife in order that they arrive at a plain understanding of their relations. After a brief discussion, mostly carried on by him, they agreed that as he was the man all very weighty matters would be decided by him and that everything else would be decided by the wife. He relates that after several years of married life nothing of a real serious nature had come up for his decision and as a consequence his wife had decided everything.

In regard to the subject under discussion, most specifications frankly place upon the Engineer all of the decisions in the carrying out of a contract. It is my belief, however, that the Engineer has, generally speaking, fully realized that this authority is not given him to abuse. Fairness to both the owner and the Contractor should be the goal which the Engineer strives for.

My experience in life has been that almost every one wishes to be fair according to his own lights—but I must admit that I have met some people with very dim lights. My experience has also led me to believe that, generally, misunderstandings are brought about by the ignorance of someone connected with the contracting.

Frequently contractors submit bids without either a thorough knowledge of the specifications or of the site where the work is to be executed. It is also a fact that frequently misunderstandings arise, due to the fact, that the Engineer is either unfamiliar with the terms of the contract and the specifications, or that he is so inexperienced that he is not capable of properly interpreting same.

The first lesson to be learned by the Engineer is, that he is not only representing the Owner, but that he is also representing the contractor. Fairness to these two parties is the engineer's job. First, it must be recognized that the owner or beneficiary should pay the full cost agreed upon for the improvement. The second—that the contractor effecting the improvement should receive a fair compensation for his efforts, insofar as the limitations of the contract will permit. It should be the desire of the engineer to assist the contractor that after the proper execution of the work a maximum profit can be made. It should be the desire of the contractor to so perform his work that nothing, either in the spirit of the letter of the contract, remains to be done toward securing for the owner a satisfactory job. With both the engineer and the contractor entering into their work with this spirit, true co-operation may be expected.

The laws frequently prevent the very thing for which they are written. They frequently prevent the awarding of the contracts to the best bidder; frequently they are written upon the statute books maximum salaries to be paid engineers, thus preventing the state or

county from securing the very best engineering service. Very often you find a resident engineer or a division engineer in charge of a great many construction jobs and clothed with full authority, who may or may not be competent and who frequently is paid less money than the foreman of the construction gang.

Contractors are always on the lookout for good men and good men are always on the lookout for a means of bettering their positions in life; therefore, it is imperative not only from the interests of the owner, but also, from that of the contractor that adequate salaries be allowed in order to secure and hold competent, experienced engineers. Not only is this true of the engineer but it is also true of the contractor. A well equipped contractor receiving a fair compensation for his work, with an experienced engineer, (and generally this means an engineer receiving a fair salary) in charge of the work means a smooth running, harmonious job where real co-operation and satisfactory results to the owner may be expected. On the contrary a poorly equipped contractor who has submitted a bid which will not allow of a first class job with a fair margin of profit, means contentions, and either the slighting of the job or calling on the bondman, and this always means delay and ultimately a poorly finished job and a dissatisfied public.

Unfortunately all engineers are not to be entrusted with the wide powers generally given the "engineers" by the specifications. There are in every profession what correspond to the "prospector lawyers"—that is a man who lives by making trouble. Many men employing engineers think that trouble between the contractor and engineer is to be expected and unless there is some trouble that the engineer is not looking after the job properly or is "in with the contractor." This is before me there are engineers who are thorough enough to make constant trouble for the contractors; the result is loss to all contractors working under them or excessively high prices for work. The only remedy for this, in my opinion, is for reputable contractors to investigate the engineer in charge of work and in case his reputation is not good to refuse to bid or work in his charge and to inform the men who employ the engineer the reason for declining to bid. Bonding companies could be required by the contractors to furnish impartial information in regard to an engineer, standing and reputation.

Another cause of trouble is placing an inexperienced engineer in responsible charge of the work. Owners will employ a graduate engineer just out of college. The man may be entirely sincere in his efforts but through lack of knowledge of actual construction conditions he may, by over emphasis of some unimportant point cause a loss or at least unnecessary trouble without bettering the work in the slightest.

A phrase of this subject which I consider a real serious one is the insistent bidding of contractors both poorly equipped and incompetent to perform a first class job, but who can get bond. This class of bidder is a constant menace to the other contractors as well as to the engineer's reputation. Of course, you know how difficult it is for a public official to reject the bid of this class of contractor. In selecting any other than the lowest bid, the public official is immediately accused of partiality and even of graft.

The inspectors and the resident engineer are supposed to be able to enforce

carrying out of the plans and specifications and to secure the same result regardless of what class of contractor is doing the work. Yet, anyone at all familiar with construction knows how utterly impossible this is. To obtain it class results experienced, well-dipped contractors and competent, experienced engineers and these cooperating to the best interest of the owner are absolutely necessary. Now, we can this be accomplished? In my opinion, the only practical way is for the engineer to reject all work not coming him up to the plans and specifications. If this is plainly understood, the result will be that contractors who are not equipped either with machinery or experience will either be deterred from doing or very soon driven out of the contracting business. In order to carry out this plan successfully and with every assurance of fairness, specifications must be plainly written and competent engineers and inspectors acted in charge of the work.

The Observer.

(Continued from page 4)

Application has been filed by the Colorado, Columbus and Mexican Railroad Co., recently organized, for permission to construct 550 miles of new railroad between Columbus and Farmington, N. M., with branch lines to El Paso, Texas, and other points. The company seeks authorization to issue bonds of \$20,300,000 and the approval of a issue of \$5,000,000 at par in common stock.

The Bureau of Yards and Docks, U. S. Navy Department, has distributed a questionnaire throughout the naval shore establishments requesting reports on the condition of water front structures and on various factors entering into their design and useful life. The Bureau's present investigation is in operation with the general program of waterfront studies now in progress under the sponsorship of the Committee on Marine Piling Investigations, of the National Research Council.

Hans M. Olsen, chemical engineer for the Monolith Portland Cement Co., operating at Monolith, Calif., is in San Francisco instructing architects and contractors in the use of Monolith plastic waterproofing cement, the company's principal product. Improvements being made at the company's plant will provide a daily capacity of 12,000 sacks of waterproof cement.

M. S. Lopes, Jr., has been appointed manager of the Fess System Co. of Los Angeles, and will handle the Southern California section. The company recently moved to enlarged quarters at 934 Santee street, Los Angeles.

T. L. Rosenberg, of Oakland, has purchased an interest in the Quality Electric Motor Co., 207 Twelfth Street, Oakland, associated with J. S. Burt. The company specializes in factory installation.

Water Supply Installations for Farmsteads and Country Estates, is the title of a recent book written by Wm. Paul Gerhard, C. E., Dr. Eng., 17 West 42nd St., New York.

San Francisco has more automatic elevators than any other city in the world, according to John Stoiz, of the Otis Elevator Company.

Unless cars are secured, lumber shipments from Sisson, Siskiyou County, will cease and the plants close. Similar reports are received from Weed, in the same county.

Significance of the Building Material Price Rise of 20 Per Cent In Twelve Months

(Engineering & Contracting)

A year ago in September, according to the Bureau of Labor, the wholesale price index of building materials was 150, whereas this September it was 180, a rise of 20 per cent in 12 months. The price index, or price level, was 100 in the year 1913, so that building material prices now average 80 per cent above the pre-war level, and they bid fair to go higher.

In August the building material price index was 172, hence the rise was 8 points in one month. Now that winter is approaching, there may be a cessation of this price rise in the building field, but it is our belief that the rise will be resumed next spring.

During the past three years the editor has published several forecasts of the probable movement of commodity prices, and in each instance has been substantially correct. These forecasts have been based on the theory that two dominant factors that control wage levels are the per capita money and its velocity of circulation or rate of turnover. In June, 1920, per capita money began to decrease, because federal reserve notes began to be called in. Coincidentally bank clearings began to decline, indicating a decrease in the rate of money turnover, and average wholesale prices began to fall. The bottom of this wholesale price level was reached in January, 1922, since which the wholesale price index of 400 commodities has risen 13 points, or 3 per cent. Had food products kept pace with other commodities in the rise, a much greater average increase in the price level would have occurred. But a falling off in European demand for our foodstuffs has caused a glutting of the American markets, resulting in abnormally lowering the price of grain, meat, etc. In September, farm products averaged only 33 per cent in price above the average in the year 1913, and foods averaged only 25 per cent above the 1913 level. Since these two classes of commodities form 40 per cent of the total of all commodities in the Bureau of Labor index, it is evident that their relatively low price accounts for the fact the general price level is not considerably higher than it is.

It is reasonably certain either that the farmers will curtail their production next year, as many farm periodicals are urging them to do, or that European markets will again be restored to them through tariff changes that will permit the inflow of European goods with which to buy our farm products. In either case, farm products will probably rise in price, next year, and farm prosperity will be restored. Such a restoration will increase general prosperity, causing both an increase in federal reserve notes (i. e. paper money) and the rate of money turnover, thus bringing about a general rise in prices, in which building materials will share.

Our per capita gold is 80 per cent above that in 1913, and is increasing at the rate of 8 per cent yearly. This 89 per cent increase is alone sufficient to cause an 80 per cent increase in

wages above the level of 1913, and unless the efficiency of workers has increased since 1913, commodity prices are destined soon to average 80 per cent above the pre-war level.

Prof. Charles J. Bullock, Chairman of the Harvard Committee on Economic Research, has just announced that that committee has come to the conclusion that there will be no drop in the American commodity price level for 10 years. He cites the great increase in our gold holdings as the main reason for this forecast. So far as wage levels are concerned we are in agreement with this conclusion, but Prof. Bullock has ignored one important factor in estimating price levels, namely per capita efficiency of production. However, during the most progressive decade of our history 1869 to 1879 per capita efficiency of production increased 25 per cent. If this productivity record were to be equaled in the next ten years, its effect would be to lower the price level 20 per cent, were all other factors to remain unchanged. But there is strong probability that change in other factors will more than offset increased productivity in its effect on price levels, namely increase in per capita money. With the great nations of the world indebted to this nation to the extent of more than \$10,000,000,000, it is probable that most of the \$150,000,000 of gold produced annually will flow into America for at least another decade. If only two-thirds of this new gold reaches us, it will add 3 per cent annually to our gold reserves, and since our population is growing at a rate of slightly more than 1.2 per cent annually, the influx of new gold would raise our per capita gold about as rapidly as the best probable increase in per capita productivity would tend to lower the price level.

In addition to increase in per capita gold, there probably will occur an even faster increase in our paper money. Recent English experience has taught our bankers that they can operate with lower gold reserves than have hitherto been regarded as safe. This will probably lead to greater bank credit expansion in America than would once have been deemed safe, and this will mean a greater relative issue of federal reserve notes (paper money), with a consequent rise in both price and wage levels.

Steel and copper prices are far below what they will probably be a year or so hence. In September the price index for metals was 134, or only 34 per cent above the 1913 level. When the price level for metals rises to 180, it will have risen 46 points, or 35 per cent above the September level. Any builder who expects to use much steel should not defer ordering it well in advance.

The price and wage level formulas deduced by the editor, and referred to above, accord closely with past history for more than half a century. Hence forecasts based upon them are much likely to be correct than forecasts based on other lines of reasoning.

Master Painters of Santa Barbara are planning to organize. The Master House Painters and Decorators Association of Los Angeles has been asked to render assistance in perfecting the organization.

Pacific Southwestern Railroad Company a new corporation, has applied to the Interstate Commission for authority to construct a four-mile line from Lompoc to White Hills, in Santa Barbara County.

The Southern Pacific Co. has purchased from the Oakland Terminal Co. 360 acres along the Oakland waterfront, the property to be used for terminal, port and industrial purposes.

The California Lock and Lift Co. of San Francisco, has purchased the property at 165 Thirteenth street, Oakland. The property is improved with a two-story building which will be used for offices and factory.

Building News Section

APARTMENT HOUSES

Permit Applied For.
APARTMENTS Cost, \$16,000
OAKLAND, E Grand Ave., 359 N Lake Park.
 Two-story 12-room frame apartments.
 Owner—Jos. Sinai, 8th St., Oakland.
 Architect—Narbett & O'Brien, Bacon Bldg., Oakland.

Plans Being Prepared.
APT. HOUSE Cost, \$30,000
SAN FRANCISCO, Sacramento between Franklin and Gough Streets.
 Three-story and basement frame and stucco apartment house (8 4-room apts. with basement garage, steam heat and hot water system)
 Owner—Withheld.
 Architect—A. J. Horstman, Anglo Bldg. 16th and Mission.
 Plans will be ready for segregated bids in about a week.

Plans Being Figured.
APARTMENTS Cost, \$20,000
SAN FRANCISCO, N Grove and Cole Streets.
 Three-story frame and plaster apartment house and garage (5 4-room apartments).
 Owner—Withheld.
 Architect—A. J. Horstman, Anglo Bldg. 16th & Mission Sts., San Francisco.

Sub-Contracts Awarded.
APARTMENTS Cost, \$495,000
SAN FRANCISCO, NE Gough and Washington Streets.
 Eight-story and basement reinforced concrete apartment house (60 3, 1 and 5-room apts.)
 Owner—Crest View Apartments, Inc.
 Architect—Joseph L. Stewart, Claus Spreckels Bldg., San Francisco.
 Contractor—Monsen Bros., 251 Kearny St., San Francisco.

The general contractors have awarded contracts as follows:
Plumbing to Monihan & Slavin, 1554 Fulton St., at \$40,900.
Tile Work to Mangrum & Otter.
Glass to W. P. Fuller Co.

Contracts Awarded.
APARTMENTS Cost, \$105,000
SAN FRANCISCO, S Geary Bet. Jones and Geary.

Five-story rein. conc. apt. house (41 2-room apartments)
 Owner—Dr. Matilda A. Feeley, 1945 Sutter.
 Architect—E. H. Denke, 1317 Hyde St.
 Contractor—G. P. W. Jensen, 320 Market Street.

The following sub-contracts have been awarded by Mr. Jensen:
Concrete Work to Chas. Sartorio, 180 Jessie St.

Reinforcing Steel to Gunn-Carle Co.
Heating to Knittle-Cashe Co., 224 5th Street.
Electrical Work to Unger Elec. Co.

Contract Awarded.
APTS. AND GAR. Cost, \$13,500 ea.
OAKLAND, S 42nd St., 104 & 147 E. Emerald.
 Two 2-story 16-room frame apartments and 2 garages.
 Owner—M. G. Kendall.
 Contractor—California Builders Co., 1534 Franklin St., Oakland.

Contract Awarded—Plans Being Prepared.
APT. HOUSE Cost, \$1,000,000
SAN FRANCISCO, N W Sacramento & Mason Streets.
 Nine-story, basement and sub-basement reinforced concrete and steel apt. house, 25 4-to-8-room apts.
 Owner—Crosswings Community Apts. (a corporation) Ernest K. Little, president.
 Architect—H. H. Guttererson, 278 Post St.
 Contractor—Clinton Construction Co., 923 Folsom Street.

There will be a large garage built on an L lot with children's play grounds on the roof. Construction will be started in the Spring.

Plans Being Prepared.
APARTMENTS Cost, \$35,000
SAN FRANCISCO, Fillmore St. near California St.
 Three-story and basement frame and stucco apartment house (13 2, 3 and 4 room apts.)
 Owner—Withheld.
 Architect—Albert J. Faure, 110 Sutter St., San Francisco.

Contract Awarded.
APARTMENTS Cost, \$13,500 each
OAKLAND, Alameda Co., Cal. W. Clark St. 140, 252 N 36th St.
 Two two-story 16-room frame apartment houses and 2 garages.
 Owner—J. W. Helm and D. Aronson.
 Architect—None.
 Contractor—California Builders Co., 1534 Franklin St., Oakland.

Contract Awarded.
APTS. & GARAGE Cost, \$13,500
OAKLAND, W. Clark St., 140 S 40th St.
 Two-story 16-room frame apts. and gar.
 Owner—J. Morrill.
 Contractor—Cal. Builders Co., 1534 Franklin, Oakland.

Contract Awarded.
APARTMENTS Cost, \$13,000
OAKLAND, N W Rich & Webster St.
 Two-story 16-room frame apts.
 Owner—K. Fenander, Oakland.
 Contractor—Cal. Builders Co., 1534 Franklin St., Oakland.

Contract Awarded.
APARTMENTS Cost, \$10,000
OAKLAND, S 62nd St., 250 E Colby.
 Two-story 16-room frame apartments.
 Owner—Mrs. Howe.
 Contractor—Jas. L. Rich, 4051 Telegraph Ave., Oakland.

Contract Awarded.
APARTMENTS Cost, \$15,000
OAKLAND, S 11th St. 150 W Clark.
 Two-story 16-room frame apartments.
 Owner—Beach & Dean, 383 12th St., Oakland.
 Contractor—H. C. Knight, 383 12th St., Oakland.

Plans Being Figured.
TWO APT. HOUSES Cost, \$100,000
SAN FRANCISCO, W Taylor and N Jackson Streets.
 Two 2-story frame and plaster apartments (8, 4 and 5-room apartments each).
 Owner—Joseph Bauer, Wigwam Theatre, 2555 Mission St., S. F.
 Architect—H. H. Guttererson, 278 Post St., San Francisco.

Segregated Figures Being Taken.
APARTMENTS Cost, \$60,000
OAKLAND, W Jackson S 350 N 14th.
 Three-story 51-room brick apts.
 Owner—Coit Inv. Co., 306 14th St., Okd.
 Architect—L. H. Ford, 306 14th St., Okd.

Contract Awarded.
APTS. Cost, \$45,000
SAN FRANCISCO, N Geary 137-5 W Larkin.
 Six-story and basement reinforced concrete (30) apartments.
 Owner—A. J. Ferroggiaro, 584 Vallejo.
 Engineer—Woodman & Wethered, 755 Mission Street.
 Contractor—G. B. Pasqualetti, 746 Union Street.

LOS ANGELES, Cal.—Lilly-Fletcher Co. and J. H. at Webster Ave., L. A., has purchased a site at Wilshire Blvd. and Kenmore Ave., L. A., and contemplates the erection of a 12-story apt. house. The site is 155x150 ft. Constr. will be class A steel frame or rein. conc. The cost will be about \$1,250,000. Preliminary plans have been prepared by L. A. Smith, 3rd St. and Western Ave., L. A.

SEATTLE, Wash.—Arch. J. A. Creutzler, Leary Bldg., Seattle, preparing plans for six-story and basement mill construction apartment house to be erected for the John Collins Estate at northwest corner of 5th Ave. and Cherry St., est. cost, \$260,000. Will be 124x126 ft., to contain 107 2-and-3-rm. apts. Pressed brick and terra cotta exterior.

The Erick Electric Siren Company, 12 W. Fillmore Avenue, St. Paul, Minnesota, manufacturing a device which is sold in this market, desires to establish connection with a machine shop which will manufacture and sell on a royalty basis, machines for this market. Anyone interested will kindly communicate direct with the company.

BANKS

Plans Being Figured.
BANK BLDG. Cost, \$250,000
VISALIA, Tulare County.
 Five-story reinforced concrete bank & office building.
 Owner—Bank of Italy, S. F.
 Mr. Cuneo in charge of construction.
 Architect—R. F. Felchlin & Co., Bank of Italy Bldg., Fresno.
 Figures are being taken by Mr. Cuneo of the Bank at 550 Montgomery St., S. F. for a general contract.

Plans Being Prepared.
LOS ANGELES, L. A. Co., Cal., Santa Monica Blvd. & Western Ave.
 Two-story & mezz. brick & terra cotta bank bldg., 4100 Wilshire.
 Owner—Security Trust & Svs Bank.
 Architect—John Parkinson & Donald B. Parkinson, Title Ins. Bldg., L. A.

Contract Awarded.
BANK ETC. Cost, \$48,185
LOS ANGELES, Los Angeles Co., Cal.
 S E Avenue 56 & Pasadena Ave.
 Two-story brick bank and office bldg.
 Cost, \$48,185.

Owner—Security Trust & Savings Bank.
 Architect—John and Donald B. Parkinson, 420 Title Ins. Bldg., L. A.
 Contractor—Richardson Bldg. & Eng. Co., 127 Story Bldg., L. A.
 Cast stone was awarded to Watkins Co., and electric work to Foulkes Electric Co. Total cost, exclusive of equipment and fixtures, \$60,000.

BONDS

ESPORTO, Yolo Co., Cal.—Esporta School District will call election to vote bonds of \$95,000 to finance construction of new high school. Trustees of district are: H. H. Gable, J. E. Linderman, Shadrock Gladney, J. T. Lowrey and S. L. Murray.

MEDFORD, Ore.—Election will be held in Jackson county Nov. 7 to vote bonds of \$100,000 to construct a number of permanent roads. Chauncey Flory is county clerk.

POMONA, Cal.—City Engr. F. C. Froebel and Mayor T. R. McClellan have proposed a \$100,000 bond issue to provide funds for constructing a new outfall sewer. The present sewer line is inadequate, one entire section of the city being without sewerage. It is proposed to build a joint line with the old one, suitable for a city of 40,000. The system approved by the state board of health provides for an activated sludge system on a 100 acre farm owned by the city. The sewer farm is at present leased and the sewage used for irrigation purposes.

BEAUMONT, Cal.—City trustees have called election to vote bonds to pave a number of city streets. Mont. P. Chubb, prest, Chamber of Commerce, is active on the committee.

HANFORD, Kings Co., Cal.—Supervisors sell \$10,000 bond issue of Oakvale School District for premium of \$26; proceeds to finance school improv.

VISALIA, Tulare Co., Cal.—Bonds of \$20,000 voted in Ichtergrove School Dist., proceeds to finance construction of 2-classroom and assembly hall school building.

MILL VALLEY, Marin Co. Cal.—Election will be held Nov. 21 in Mill Valley School District to vote bonds of \$19,000 to purchase sites and pay off debts of district already incurred. Trustees are: Melville W. Erskine, Edna M. Boland, and Owen E. Lovett.

CHURCHES

CHURCH Cost, \$70,000
Plans Being Prepared.
LOS ANGELES, Los Angeles Co., Cal.
15th and Georgia Sts.
One-story and basement frame and plaster church with tile roof, 31x102.

Owner—Gospel Tabernacle Church.
Architect—Arthur G. Lindley, Wright

Contract Awarded.
CHURCH BLDGS. Cost, \$52,138
OAKLAND, Alameda Co., Cal., Lakeshore and Prospect Aves.
1st unit of church buildings, parochial school and convent; three-story and basement reinforced concrete const.
Owner—Church of Our Lady of Lourdes (Father Kevany, pastor).
Architect—Geo. E. McCrea, 369 Pine St., San Francisco.
Engineer—Pierre Zucco & Co., 166 Geary St., San Francisco.
Contractor—W. G. McGinty & Sons, Federal Realty Bldg., Oakland.

Plans Being Prepared.
CHURCH Cost, \$12,000
HAYWARD, Alameda Co., Cal.
Frame and plaster church.
Owner—1st Church of Christ Scientists
Architect—Lewis & Ellery, Merchants National Bank Bldg., San Francisco.

OAK PARK, Sacramento Co., Cal.—Funds are being subscribed to construct 40x80 ft. Sunday school room and extension to main auditorium of Bethany Presbyterian Church in Thirteenth Street.

LOS ANGELES, Cal. — Bruce A. Thompson and J. Orval Douglas, directors of So. Cal. Mausoleum Co., 446 Pine Ave., are taking bids for erecting a 15,000 crypt, 2000-niche, crematory and columbarium reinforced concrete mausoleum on Compton Blvd., near Long Beach Blvd.

FACTORIES & WAREHOUSES

To Be Done By Day's Work.
MACHINE SHOP Cost, \$25,000
SAN FRANCISCO, S E Folsom & Dore Streets.
One-story concrete machine shop.
Owner—John Cassaretta, 347 Berry St.
Architect—Martin Sheldon, 110 Sutter.

To Be Done By Day's Work.
PLANING MILL Cost, \$15,000
SAN FRANCISCO, E Quint bet Burke & Casser Ave.
Two-story frame planing mill.
Owner—Anderson Bros. Planing Mill & Mfg. Co., 2399 Powell St.

Contract Awarded.
WAREHOUSE Cost, \$75,000
SAN FRANCISCO, W 2nd St. 261 S E Embarcadero.
Six-story class "B" reinforced concrete warehouse and loft bldg., 65x160.
Owner—Goodrich Rubber Co.
Architect—H. C. Baumann, 251 Kearny Street, San Francisco.
Contractor—Clinton Constr. Co., 923 Folsom St.

To Be Done By Day's Work.
FACTORY Cost, \$15,000
SAN FRANCISCO, S Bryant St. 76-3 E Third St.
Two-story brick factory building.
Owner—Samuel Schell, 180 Jessie St., San Francisco.

Contractors To Take Sub-figures In a Week.
WAREHOUSE Cost, \$150,000
SAN FRANCISCO, W 2nd St. 261 S Brannan.
Six-story class "B" reinforced concrete warehouse and loft bldg., 65x160.
Owner—Goodrich Rubber Co.
Architect—H. C. Baumann, 251 Kearny Street, San Francisco.
Contractor—Clinton Constr. Co., 923 Folsom St.

Contract Awarded.
MFG. PLANT Cost, \$50,000
OAKLAND, Alameda Co., Cal., 38th Ave and Bancroft (3-acre site).
One-story brick and tile mfg. plant 134x160 (first unit of plant).
Owner—United States Light & Heat Corp., 5432 E 14th St., Oakland.
Contractor—Jason C. Le Duc, Hotel Touraine, 16th & Clay, Oakland.

To Be Done By Day's Work.
SHEDS Cost, \$10,000
FRESNO, 700 Parallel Ave.
Sheds.
Owner—M. Kellner & Son Lumber Co., Ventura and R Sts. Fresno.

Plans Being Figured.
GRANDSTAND Cost, approx. \$80,000
TAHARA RACE TRACK, San Mateo County.
Steel frame and wood grandstand (5000 seats).
Owner—Pacific Coast Jockey Club.
Architect—G. A. Applegate, 1513 First National Bank Bldg., S. F.
Spreckels Bldg., S. F.
Bids will be called for shortly for a two-story frame and plaster club bldg.

Plans Being Prepared.
CANNERY BLDG. Cost—
OAKLAND, Alameda Co., Cal., First & Gilbert Sts.
Two 1 and 2 story reinforced concrete and brick factory and warehouse buildings.

Owner—California Packing Corp., 101 California St., S. F.
Engineer—Phillip L. Bush, 101 California Street, San Francisco.
NOTE—Plans will not be ready for a month.

Plans Being Prepared.
CANNERY BLDG. Cost—
MERCED, Merced Co., Cal., 23rd from P to R Sts. and 22nd bet Q and R Sts.
Two and 2-story reinforced concrete and brick factory and warehouse buildings and frame cottages for employees.

Owner—California Packing Corp.
Engineer—Phillip L. Bush, 101 California St., San Francisco.
NOTE—Plans will not be ready for figures for at least 45 days.

Contract Awarded.
FACTORY Cost, \$35,000
SAN FRANCISCO, San Bruno, Railroad & Paul Avenues.
One-story concrete and frame paper box factory.

Owner—General Mfg. Co., Pacific Bldg.
Architect—W. W. Hanscom, 343 Clayton Street.
Contractor—Geo. Wagner, 251 Kearny Street.

Working Drawings Being Prepared.
WAREHOUSE Cost, \$20,000
SAN FRANCISCO, Area bet. Embarcadero, China Basin, 3rd and Berry Street.
Six-story reinforced conc. warehouse 122x812.
Owner—State of California.
Architect—Frank G. White, Ferry Bldg San Francisco.
Bids will be called for in about four months. The super-structure is now being erected by Healy, Tibbitts Const. Co., 64 Pine St. Contract price \$761,342.

Contract Awarded.
FACTORY Cost, \$25,000
EMERYVILLE, Alameda Co., Cal., Emery and Park Sts.
One-story reinforced concrete factory.
Owner—American Rubber Co.
Engineer—A. R. McClaren.
Contractor—W. Littlefield, 351 12th St., Oakland.

MARYSVILLE, Yuba Co., Cal.—Swift Bros., Planing Mill, Clarence Swift, mgr., has purchased site and will erect new planing mill in Third St., bet. G and Orange Sts.

SANTA PAULA, Ventura Co., Cal.—Archts. Allison & Allison, 1409 Liberman Bldg., are completing plans for a packing house to be erected at Santa Paula for Santa Paula Citrus Fruit Association as an extension to its present building. It will be 1-story and basement, 150x350 ft. cm. basement and found, hollow tile walls, reinf. concrete columns and beams, comp. saw-tooth r. l., wood fls., \$290,000.

GOLDEN GATE PARK
SAN FRANCISCO, Cal.—Bids were received as follows by the Park Commissioners of San Francisco on Oct. 26 for the general construction of shops and sheds to be constructed near South Drive, Golden Gate Park. The contract was awarded to Hannah Bros., 142 Sansome Street.
Hannah Bro. \$18,200
Cohrane, Grant and Boehm ... 19,408
O. C. Holt 20,219
John Cortina 20,326
John Spargo 20,700
Chas. Hagan 21,700
Alfred H. Vogt 21,359

DINURA, Tulare Co., Cal.—Central California Ice Co. Mono and P Sts., Fresno, will erect 36-ton ice plant at South M and Ventura streets in this city to supply the territory in the north section of Tulare county.

LOS ANGELES—Sam Seelig Co., 1325 Palmetto St., L. A., has purchased a 5-acre site at the corner of Ermon Ave. and Alameda St. The site is to be used for a central warehouse and manufacturing plant for its chain of stores. The main warehouse will be 4 stories, 35x300 ft., class A reinf. conc. constr., steel sash, elevators, etc. Cost, \$40,000. There will also be a bakery bldg., garage and manufacturing bldg. Other warehouses will be erected on the property later. Total cost: will be about \$750,000.

FRESNO, Fresno Co., Cal.—The Fresno Paper Co., Inc., will start construction within the next few weeks on a \$500,000 paper box board plant having a capacity of 40 tons a day and a carton plant of sufficient size to convert the entire daily output into cartons.

SAN FRANCISCO.—Ford Motor Car Co. plans erection of huge manufacturing plant on the Pacific Coast, probably in San Francisco or Los Angeles. Ed Ford, a member of the company, is now on the Pacific Coast and an early announcement regarding the project is expected.

LOS ANGELES, Cal.—Austin Co. of Calif., Pacific Electric Bldg., submitted low bid to the L. A. harbor comm., Oct. 27, at \$32,750 for constr. steel truss shed at San Pedro, San Pedro. Time limit 75 days. Other bids were: Willis B. Kyle, 648 Cal. Bldg., San Francisco, \$88,450, 80 days; Union Const. Co., Oakland, \$91,372, 60 days; K. O. Wetzel Co., 838 S. Rio St., \$84,838, 95 days; Emil F. Cykner, 629 Cit. Natl. Bank Bldg., \$99,500, 90 days; Ross Const. Co., \$101,465, 100 days; Penn Bridge Co., Beaver Falls, Pa., \$116,000, 120 days. Bids were referred to harbor engr.

SEATTLE, Wash.—Preliminary surveys have been completed by Resident Engineer J. B. Higgins for the Puget Sound Oil Co. for a \$500,000 storage plant on a 120-acre tract just south of Edmonds at Ten-Mile Point on the Sound. The plant will be one of the largest on the coast and as a distributing station will supplant the present Seattle station. Construction will include 2 loading piers, gasoline and oil storage tanks, railroad spurs, pipe and considerable grading.

LOS ANGELES, Cal.—Archit. Albert C. Martin, 431 Higgins Bldg., is taking bids for erecting two class A factory and warehouse bldgs., on E 7th near Anderson St., L. A., for J. C. Hills to be occupied by Beck & Hills Furniture Co. Bids will be taken separately on general contr., elevators, sprinkling system, plumbing and heating, wiring and painting. Bldgs. will be 3 stories and 4 basement divided for 2 additions of 10 stories, 80x100 ft. and 125x350 ft., respectively; reinf. conc. contr., flat slab system, steel sash, metal skylights, steel rolling doors, 2 freight and 1 passenger elevators, fire doors, sprinkling system.

WILMINGTON, L. A. Co., Cal.—Arch't Albert C. Martin, 436 Higgins Bldg., L. A., is preparing working drawing for a group of factory bldgs. at Wilmington for Pacific Coast Borax Co. Bids are being taken for reinforcing steel and plans will be ready for general bids about Jan. 1st. The main bldg will be 2-stories, 290x100 ft., designed for 5 stories. There will also be a power plant and several smaller bldgs., 1-story each and one of wharves, wooden pile construction. Main bldg. will be reinf. conc. construction, flat slab system, comp. rfr., metal skylights, wrought iron sash, steel rolling drs., fire doors, crushers, tanks, conveying machinery, 3 large elevators, etc. Cost \$1,600,000.

SAN FRANCISCO—Banner Refining Co., Koki Bldg., newly organized corporation, has leased from State Harbor Commission, property on Islais Creek and will expend \$84,000 in buildings, machinery, oil storage tanks and automobile stations. Plans will be prepared by Engineer Frank White, Ferry Bldg. Two corr. iron bridges will be erected first. Bids will be called for by the owners as soon as plans are complete.

SAN FRANCISCO, Cal.—The Kilito Loose L-ai Mfg. Co., G. A. Bennett Sr., president, Sun Bldg., N. W. Clay & Sansome Sts., are looking for a building on which to erect a factory building.

LOS ANGELES, L. A. Co., Cal.—Architects John Parkinson and Donald B. Parkinson, 420 Title Bldg., L. A., have prepared preliminary plans for an addition to the Ford assembling plant at 2600 E. 7th St., L. A. The bldg. will be 1, 2 or 3-story, 150x75 ft., reinf. conc. frame and its work filler walls, press, brick and terra cotta facing steel roof trusses, steel rolling doors, steel sash, loading platforms, etc.

BAKERSFIELD, Kern Co., Cal.—Bids are being taken by engineering dept. of Santa Fe Ry. Co., Kerekhoff Bldg., L. A., for erecting an ice storage plant at Bakersfield, 42 ft. high, inside dimensions, reinf. conc. constr., steel rf. trusses, reinf. conc. and comp. rfr., cork insulation, loading docks, conveyors, etc.

FLATS

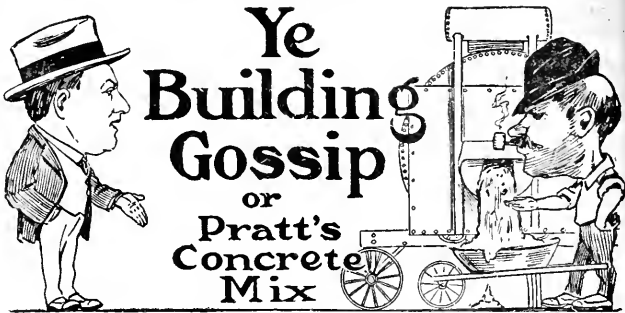
Contract Awarded. Cost, \$14,000.
FLAT BLDG.,
SAX FRANCISCO, N Green E Webster,
Two-story attic and basement frame
and stucco residential flat building
(2 6-room flats, garage and store-
rooms in basement, billiard room,
etc. in attic).
Owner—Robert Wallace Jr.
Architect—O. R. Thayer, 110 Sutter
St., San Francisco
Contractor—E. K. Nelson, 77 O'Farrell
Street, S. F.

Plans Completed. Cost, \$9000
FLATS
SAN FRANCISCO, W 18th Ave 125 N
Fulton.
Two-story & basement frame (2) flats
Owner—A. E. Bronson, 2415 Polson St.
Architect—Edw. E. Young, 251 Kearny
Street

Contract Awarded. Cost, \$15,000
FLATS & GAR.
SACRAMENTO, 2521 G St.
Two-story 4-room flats and garages.
Owner—C. F. Vining, 2909 G St., Scto.
Contractor—A. W. Morris, 3012 G St.,
Sacramento.

Contract Awarded
FLATS Cost, \$3500 each
BERKELEY, Alameda Co., 2100 Vir-
ginia Street
Ten 1-story 8-room flats bldgs.
Owner—E. G. Ogle, 2033 Virginia St.,
Berkeley
Architect and Contractor—East Bay
Planners, 306 14th St., Oakland

Figures to be Taken Shortly.
FLATS Cost, \$16,000
SAN FRANCISCO, Richmond District
Two-story frame and plaster flat build-
ing (2 4-room flats and gar. in
basement).
Owner—Withheld.
Architect—Alfred J. Fabre, 110 Sutter
St., San Francisco.



PRATT BUILDING MATERIAL CO.
Incorporated

Clarence F. Pratt, President & Manager

Suite 515 Hearst Building

ALL KINDS OF SAND, GRAVEL, ROCK, GRANITE RIP RAP

San Francisco, October 25, 1922.

Dear Sirs:

A few days ago, near my home in beautiful Westwood Park, I saw a journeyman plasterer who was getting \$14.00 per day for eight hours, screening rocks and trash out of the sand he was using. As our plastering and brick mortar sand is screened and free from rocks, sticks, clay, etc., I walked over to where this high-salaried plasterer was working; in conversation with him, and he was a very intelligent fellow, he said, "you would be surprised to know how many contractors and owners are careless about the sand they give the plasterers and other workmen to use."

When sand is the cheapest material on the job and when we sell our washed, screened, clean, sharp plastering and brick mortar sand at about the same price (sometimes lower) than ordinary sand, you would think that everybody would use a screened and washed sand, especially when plasterers and bricklayers are so scarce and their wages so high. A San Francisco contractor said that often he pays some of his journeymen plasterers as much as \$120.00 per week. You can wager that this contractor uses Pratt's clean, sharp sand from one of our sand-loading plants at Sacramento, Marysville or Pratto, Monterey County, and he also says he can even afford to pay more for our screened and washed sand and then make money by reduced labor bills.

The names of our plastering and brick mortar sands are: Screened American River sand (from Sacramento), 1/4 Marysville, white sand (from Marysville) and Pratto Amber sand No. 2 (from Pratto, Monterey County). At these same plants we also produce screened and washed sand for concrete, sand blasting, marble grinding, chicken grit and locomotives.

Yours for clean, sharp sand,

"SANDY" PRATT, President.

1600 LETTERS like the above.

WERE SENT.

ALL OVER Northern California.

AND CLARENCE SAND Pratt, Presi-
dent.

OF THE Pratt Building Material Co.

DOUGLAS 300—"easy to remember."

HAS RECEIVED so many comments

OF A favorable nature.

ABOUT THIS letter.

THAT CLARENCE, producer.

OF CLEAN, sharp sand.

AND "MAYOR."

OF BEAUTIFUL Westwood Park.

WHERE THE scene.

OF THIS terrible tragedy.

ACTUALLY TOOK place.

DECIDED TO print the letter.

IN THE Daily Pacific Builder.

A GOOD newsy paper.

OF WIDE circulation.

AND EVERYTHING.

FOR BILLY Cement George, President.

OF THE Builders' Exchange.

ANSWERED THE above letter.

AND JACK Roof Contractor Bender.

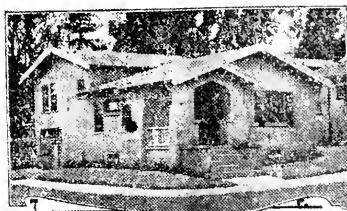
READ BILLY George's letter.

SO SEVERAL somebodies.

ARE SPENDING their valuable time.

READING CLARENCE Sand Pratt's
stuff.

"I THANK you."



The pretty bungalow in beautiful Westwood Park where the terrible tragedy occurred (see letter at head of this near-comedy) and where some poor contractor lost some money.

Plans Being Figured. Cost, \$16,000
PLATS
SAN FRANCISCO. Hyde St. near
Union St.
Two-story and basement frame and
stucco flat and store building (2 1/2-
room; flats and 1 store).
Owner—Withheld
Architect—Albert J. Fabre, 110 Sutter
St., San Francisco.
Figures are being taken for a gen-
eral contract.

Contract Awarded.
PLATS Cost, \$98,900
SAN FRANCISCO, E 19th Ave. 100 S
California
Two-story and basement frame 2 flats
Owner—J. K. Moore, 218 19th Ave.
Contractor—John Little & Son, 1035
Lincoln Way.

Contract Awarded.
PLATS Cost, \$9500
SAN FRANCISCO, N Grove St., 156 E
Clayton.
Two-story and basement frame 2 flats.
Owner—Miss Agnes Loherty, 155 Ash-
bury St.
Contractor—H. S. Meinberger, 5720 Cal-
ifornia.

GARAGES

Plans Being Prepared.
GARAGE Cost, \$54,000
SAN FRANCISCO, S Sacramento St. W
Polk, 62-63137.
2 1/2-story and basement reinforced con-
crete garage.
Owner—Louis R. Lurie, Mills Bldg.
Architect—Arthur S. Bugbee, 26 Mont-
gomery Street.

Contract Awarded.
GARAGE Cost, \$9029
SAN FRANCISCO, 14th St. east of Mis-
sion.
One-story reinforced concrete garage.
Owner—A. E. Peley.
Architect—H. C. Baermann, 251 Kearny
St., San Francisco.
Contractor—Mission Concrete Co., Cal
Building.

OAKLAND, Cal.—Until Nov. 2, 12 M.
bids will be received by Eugene K.
Sturgis, City Clerk, to construct brick
garage in rear of Northern Police
Station in 52nd St. near Telegraph Ave.
Plans may be had from clerk on deposit
of \$25.

**GOVERNMENT WORK AND
SUPPLIES**

WASHINGTON, D.C.—Bid of Warrack
Construction Co., 1427 34th St., Seattle,
Wash., at \$110,300, to construct the
federal building at Cordova, Alaska,
has been rejected by the Supervising
Architect's Office, Treasury Depart-
ment. The bids exceeds the appropriation
by \$25,000.

Arno B. Cammerer, assistant director
of the National Park Service, who will
preside at the convention of national
park superintendents at Yosemite Valley
beginning November 12, will arrive
in Yosemite Valley the first of the
month to confer with W. B. Lewis su-
perintendent of Yosemite, over the new
\$35,000 administration buildings.
A selection will be made of the site,
and some decision reached on tenta-
tive plans. A sketch of the proposed
structure was prepared several years
ago, but it now is deemed advisable to
make almost complete changes in those
plans.

SAN FRANCISCO—Until Nov. 8, 10 a.
m., bids will be rec. by Quartermaster
Supply Officer, Port Mason, under Cir-
cular R. M. & F. 23-30 for fur & del.
50 gal. lubricating motor oil; 1000 gal.
swabbing and cutting compound; 250
lbs. graphite; paints and paint remover;
100 gal. turpentine; 50,000 lbs. excel-
sior; 1000 lbs. white cotton waste; 36
round eve blacksmiths' punches.

SAN FRANCISCO—Until Nov. 8, 11
a. m., bids will be rec. by U. S. Engin-
eer Office, under Circular S. Under Cir-
cle No. 4123 for fur and del. Rio Vista,
Solano county; 5 tons blacksmith coal.

WASHINGTON, D. C.—Bids are be-
ing received by Bureau of Supplies and
Accounts, Navy Department, for fur-
nishing materials to Navy Yards, as follows:
The late or opening bids as noted at
end of each paragraph:

Schedule 205, for Mare Island, Calif.,
111,000 lb. Douglas fir, Nov. 21.
Schedule 229, Mare Island, 1000 lbs.
flake lubricating graphite, Nov. 21.
Schedule 260, Mare Island, 3750 feet
galvanized steel pipe, Nov. 21.

PALO ALTO, Santa Clara Co., Cal.—
Bids were rec. as follows on Oct. 30,
1922, by the U. S. Superintendent of
Construction, Palo Alto, for the design
and install. window and door grilles for the
U. S. Veterans Hospital at Palo Alto:
Golden Gate Iron Wks. S. F., \$8,425
New S. F. Wire & Iron Wks., \$9,600
Monarch Iron Wks., \$12,800
West Coast Wire & Iron Wks. \$2,800
The Folsom Street Iron Works &
Kloerers & Koch, of San Francisco, sub-
mitted the lowest bid, but declined to
personal checks instead of certified,
which were returned to Washington
with the other bids for approval.

WASHINGTON, D. C. — Bureau of
Yards and Docks, Navy Department
preparing Spec. No. 4741 for a garage
building, at San Diego, Calif., to have
concrete foundations and floors, plas-
tered the side walls and partitions,
built-up covering on wood roof, wood
sliding doors, wood sash, plumbing and
lighting systems, metal fencing, includ-
ing gates (much of this material fur-
by the government and installed by
contractor) and conc. pavement. While
bids have not been asked, applications
for plans and specifications will be
filed when accompanied by a \$10 depos-
it, returnable.

LOS ANGELES, Cal.—Following bids
received by U. S. Engineer Office for
dredging in Los Angeles Harbor:

San Francisco Bridge Co., 1005 No-
vato, Bk. Bldg., San Francisco, area
No. 1, 2,986 cu. yd., \$79,600 total for
200,000 yds.; area No. 2, 30,46, \$152,000
total for 500,000 yds.; total for areas
Nos. 1 and 2, \$231,600; recommended for
acceptance.
United Dredging Co., 325 Central
Bldg., Los Angeles, Calif., area No. 1,
47,236 cu. yd., \$94,170 total for 200,000
yds.; area No. 2, 31,836 cu. yd., \$159,400
total for 500,000 yds.; total for areas
Nos. 1 and 2, \$253,470.
Los Angeles Dredging Co., 905 Atlan-
tic Ave., Long Beach, Calif., area No. 1,
47c cu. yd., \$94,000 total for 200,000
yds.; area No. 2, 32,256 cu. yd., \$196,250
total for 500,000 yds.; total for areas
Nos. 1 and 2, \$290,250.

WASHINGTON, D. C.—Henry and Mc-
Fel, 208 Northern Life Bldg., Seattle,
Wash., at \$135 per cu. yd. submits
only bid to Bureau of Yards and Docks
for dredging at Puget Sound, Wash.,
under Specification No. 4708.

**HALLS AND SOCIETY BUILD-
INGS**

Completing Plans.
CLUBHOUSE Cost, \$500,000
LOS ANGELES, L. A. Co., Cal., Fig-
uerosa bet. 9th and 10th Sts.
Six-story class A reinforced concrete
clubhouse.
Owner—Friday Morning Club.
Architect—Allison & Allison, Hibernian
Building, L. A.
Figures will be taken in about two
weeks.

Architects Taking Steel Bids
CLUB BLDG. Cost, \$100,000
SAN FRANCISCO, Turk and Polk Sts.
Two-story steel and concrete club
building and boxing arena.
Owner—Golden Gate Post No. 40,
American Legion.
Architects—Morrow & Garren, Chron-
icle Bldg., San Francisco.
Contractor—Yukievich & Barge, 180
Jessie St., San Francisco.

Commissioned to Prepare Plans
HOME Cost, \$ —
SAN JOSE, Santa Clara Co., Cal. 11th
and Martha Sts.
Two-story and basement fireproof
children's home.
Owner—Home of Benevolence, Prem.
Architect—A. Tantau, 251 Kearny
St., San Francisco.

Plans Being Figured—Bids Close Nov.
14 8 p. m.
CLUB BUILDING Cost, \$75,000
TULARE, Tulare Co., California.
Three-story brick and steel club bldg.
Owner—Porterville Elks' Building As-
sociation, A. J. Newbury, secy., 397
Mills St., Porterville.
Architect—R. J. Kump Co., Rowell Bldg
Fresno, Cal.
See call for bids under official pro-
posal section in this issue.

Plans Being Completed.
CLUB BLDG. Cost, \$30,000
TAKERSFIELD, Kern Co., Cal.
Club building.
Owner—Frank S. Reynolds Post, Am.
Legion, C. H. Nichols Com., Bakers-
field, Cal.
Architect—Chas. H. Biggar, Bank of
Italy Bldg., Bakersfield, Cal.
Building committee consists of H. A.
Jastro, W. H. Hill, Alfred Harrell, C.
H. Nichols, Leslie King and Roland
Curran.

MARYSVILLE, Yuba Co., Cal.—
Local Knights of Columbus Council
has appointed committee to select a
site and outline means of raising funds
to erect a \$200,000 store, office, club and
lodge building. Proposed structure
will be four stories in height and of
hollow construction. Committee con-
sists of: Father Patrick Curran, Mayor
Frank Booth, Attorney A. J. DeLoria,
Former Jack Kelly, Tom Matthews
Andy Gaglian, Matt Arnoldy, Tom
Goodwin, Dr. J. L. Sullivan and Phil
Pawyer Jr. Thos. Carlin is Grand
Knight of the Order.

TULARE, Tulare Co., Cal.—Tulare
Masons, Olive Branch Lodge, has pur-
chased site at southeast corner of L
and Tulare Streets and plans erection
of a Masonic temple. Site faces 75-ft.
on Tulare and 150 ft. on L St.

SACRAMENTO, Cal. — Sacramento
Lodge of Elks has called a special
meeting for November 14th to consider
the purchase of the northeast corner
of 11th and J Streets as the site for
its new \$500,000 lodge and club building
Site is 100x160 ft.

TURLOCK, Stanislaus Co., Cal.—Ar-
chitect G. N. Hilburn, Turlock, prepar-
ing plans and specifications for a \$50,-
000 old people's home to be erected on
6-acre tract in Lander avenue, Turlock,
for the Swedish Institute.

SAN DIEGO, Cal.—Arch. H. Lincoln
Rivers, 523 Spreckels Bldg., San Diego,
has been selected as archt. to prepare
plans and supervise construction of the
new army-navy Y. M. C. A. Bldg. The
structure will be 6-story and cost about
\$600,000. Plans will be started at once
and will be forwarded to international
committee's bldg. bureau for approval
before bids can be called. G. A. David-
son is chairman of the committee on
management for the project.

HOSPITALS

Plans Being Figured—Bids Close Dec.
15, 1922, 6 p. m.
HOSPITAL BLDG. Cost, \$500,000
BAKERSFIELD, Kern Co., Cal.
Four reinforced concrete and hollow
tile hospital buildings with con-
necting tunnels (pile roofs).
Owner—Kern County.
Architect—Chas. H. Biggar, 405 Bank
of Italy Bldg., Bakersfield.
Bids will be taken separately on (1)
excavating, grading and
backfilling, (2) plumbing, (3) heating
and ventilating, (5) electrical work,
(6) elevators, (7) painting, (8) alter-
nate bid for cement concrete blocks, (9)
refrigeration plant and boxes, (10) kit-
chen equipment, (11) laundry machin-
ery. See call for bids under official
proposal section in this issue.

HOTELS

Plans Being Prepared.
HOTEL Cost, \$150,000
LOS ANGELES, Cal., Brand Blvd. and
Forter Avenue.
Five-story and basement fireproof ho-
tel, 60 rooms.
Owner—Frank Pesch & Co., Hollywood
California.
Architect—Milwaukee Building Co.,
Wright & Callender Bldg., L. A.

Sub-contracts awarded.
HOTEL Cost, \$450,000
SAN FRANCISCO, N Sutter Street 137-6
 W. Taylor, St.
 Ten-story and basement reinforced
 concrete 200-room hotel and a one-
 story and basement stone building
 (1818 stone building)
 Owner—Geo. L. Smith, 735 Taylor St.,
 San Francisco.
 Architect—Kenneth Macdonald and
 Maurice Cochran, 244 Pine St., San
 Francisco.
 Contractor—Clinton Construction Co.,
 149 Townsend St., San Francisco.
Materials awarded to Jack Sord and
 Grand Sales Co., 153 Berry street,
 reinforcing steel—Pacific Coast Steel
 Co., Millio Building.
Lumber—Jope & Talbot, 859 2nd St.
Glass & Stone Fronting—W. P. Fuller &
 Co., Beale & Mission Street.
Tile Work—Scott Co., 243 Minna St.
Incinerator—K. R. Incinerator Co., 77
 O'Farrell St.
Architectural Terra Cotta—Gladding-
 McBean & Co., Crocker Bldg.
Steel Stacks—California Steel Products
 Co., 452 Bay St.
Heating—Kuttile-Casheh Vol., 224 5th
 St.
Ornamental Iron Work—Monarch Iron
 Works, 262 7th St.
Plumbing—W. J. Forster, 670 Howard
 Street.
Sheet Metal Work—Western Furnace &
 Corning Works, 1st & Brannan Sts.
Mill Work—Andersen Bros., Planning
 Mill, 2319 Powell St.
Plastering—Jas. Smith, 273 Minna St.
Marble Work—California Marble Co.,
 609 Market St.
Electric Work—C. C. Severin Elec Co.,
 55 5th Street.
Hardware—Joost Bros., 1067 Market St.
Painting—D. Zelinsky & Sons, 420 Turk
 Street.

ASTORIA, Ore.—Thos. Muir, Henry
 Bldg., Portland, Ore., at \$169,428 low
 bidder for general contract for 8-story
 concrete, 100,000-ft. hotel bldg. from
 plans of Archts. Tourtelotte and Hum-
 mel, Portland and C. T. Diamond, asso-
 ciate, Astoria, Trenchell & Parelus,
 next low bidder, at \$169,875. Alaska
 Plumbing Co., Portland, low bidder on
 plumbing at \$15,838, Rushlight & Has-
 torf, Portland, on heating, \$11,000 and
 National Elec. Co., Portland, on elec-
 tric work, \$1300. Taken under advise-
 ment.

POWER PLANTS

SALEM, Ore.—California & Oregon
 Power Co. a California corporation, with
 offices at Medford, Ore., with T. G.
 Phelps, as secretary, has filed an appli-
 cation with the State Engineer's office
 for permit to appropriate water for
 power developments.

The first diversion will be 400 sec-
 ond feet to develop 9000 horsepower
 under a head of 100 feet. There will be
 a dam, penstock and canal to the pow-
 erhouse. The second calls for 900 second
 feet which is to be taken out one mile
 from Bradley Falls. This will develop
 15,000 horsepower from a 520-foot fall,
 there will be a diversion dam with can-
 al or tunnel to the powerhouse. The
 third calls for 600 second feet to devel-
 op 20,400 horsepower, taken under a
 360-foot head, which is to be taken out
 one-third mile from Ireland Falls.

PUBLIC BUILDINGS

SAN FRANCISCO—Articles of incor-
 poration will be filed shortly by the
 San Francisco Exposition Co., whose
 purpose will be to erect a modern fire-
 proof building to house industries ex-
 position, live stock shows and other
 attractions. The first building will cost
 \$600,000 and will be enlarged as the
 demand for space increases. The struc-
 ture, at a later date, will be purchased
 by the city as a Municipal Exposition
 Building.

SACRAMENTO, Sacramento Co., Cal.
 —Contracts have been awarded by Geo.
 B. McDougall, State Architect Chief
 Division of Architecture, in Sacra-
 mento, for various branches of work
 for the Library and Courts Building
 and Office building now under con-
 struction in the Capitol Grounds at

Sacramento, from plans prepared by
 architects Weeks and Day.

Carpenter and Mill Work to Reilly &
 Nemetz, 180 Jessie St., San Fran-
 cisco, at \$166,200.

Mechanical Equipment to Latourrette-
 Fical Co., 908 Front St., Sacramento
 at \$90,000.

Structural Terra Cotta to W. G. Reed,
 Salt Lake City, \$19,200.

**Metal Lurring, Lath & Plaster & Imi-
 tation Stone** to Peter Bradley, 180
 Jessie St., S. F., \$169,500.

Sheet Metal Work & Skylights to For-
 derer Corning Wks., 269 Potrero
 Ave., S. F., \$22,740.

Glass & Glazing to W. P. Fuller Co.,
 Sacramento, \$28,842.

Interior Stone Work to Bruner Marble
 Co., L. A. \$24,100.

Marble, Mosaic & Terrazzo to Am. Mar-
 ble Co., 25 Columbia Square, S. F.,
 \$222,400.

Roofing to Western Asbestos & Mag-
 nesia Co., 25 So. Park, S. F., \$5775.

RESIDENCES

To Be Done By Day's Work.
DWELLING Cost, \$10,000
OAKLAND, N W Kingsland & Trask.
 One-story 8-room frame dwelling.
 Owner—R. C. Hillen, 5367 Trask St.,
 Oakland.

Contract Awarded. Cost, \$21,000
SAN FRANCISCO, W Santa Clara Ave.
 63 S. San Pedro.
 Two-story and basement frame resi-
 dence.
 Owner—S. A. Born, 660 Market.
 Contractor—A. Born Bldg. Co., 660
 Market St.

Plans Being Prepared. Cost, \$12,000
BERKELEY, Alameda Co., Cal.
 Two-story frame and plaster residence
 (9 rooms).
 Owner—Clark Jester.
 Architect—Ashley & Evers, Holbrook
 Bldg., San Francisco.

Plans Being Prepared. Cost, \$7000
PIEDMONT, Alameda Co., Cal., Wil-
 wood Gardens.
 One-story frame and plaster residence.
 Owner—Lincoln Karmany.
 Architect—Ashley & Evers, Holbrook
 Bldg., San Francisco.

Contract Awarded. Cost, \$9300
BUNGALOW & GAR. Co., Cal.—
SAN MATEO, San Mateo Co., Cal.—
 Lot 155 San Mateo Park
 One-story frame bungalow and garage.
 Owner—Townby Ball.
 Contractor—Mitchell-Jackson, Inc., 170
 2nd St., San Mateo.

Contract Awarded. Cost, \$11,750
PEDMONT, Alameda Co., 47 Craig Ave.
 Two-story 9-room frame residence and
 garage.
 Owner—C. M. Allen, 590 68th St., Okd.
 Contractor—Jos. Parker, 944 E-14th St.
 Oakland.

To Be Done By Day's Work. Cost, \$15,000
VOOLSIDE, San Mateo Co., Cal.
 Two-story frame garage with living
 apartments, stable, greenhouse, etc.
 Owner—Dr. Geo. E. Somers.
 Architect—C. A. Tantau, 251 Kearny
 St., San Francisco.

Sketches Being Prepared. Cost, \$14,000
SAN FRANCISCO Ingleside Terrace.
 Two-story frame and plaster 8-room
 residence and separate garage.
 Owner—Edw. Cline.
 Architect—Walter C. Falch, Hearst
 Bldg., San Francisco.

SPECIFICATIONS

Plans Being Prepared. Cost, \$10,000 to \$20,000
SAN FRANCISCO, St. Francis Wood.
 Several 2-story frame and stucco resi-
 dences.
 Owner—Nelson McDuffie Co.
 Architect—H. H. Guttererson, 278 Post
 Street.

SCHOOLS

Plans Being Figured—Bids Close Nov.
 13, 1922, 7:30 p. m.

SCHOOL BLDG. Cost, \$48,000
SAN LORENZO, Cal.
 One-story frame 16-room and auditor-
 ium school building.
 Owner—San Lorenzo School District.
 Architect—Henry C. Smith, Humboldt
 Bank Bldg., San Francisco.
 See call for bids under official pro-
 posal section in this issue.

Plans Being Figured. Cost, \$25,000
SCHOOL GERBER, Tehama Co., Cal., one-
 story frame 4-room and auditorium
 school.
 Owner—Gerber Union High School Dis-
 trict.
 Architect—Geo. C. Selson & Co., Millau
 Bldg., Sacramento.
 Bids are being taken for a general
 contract and will be opened about No-
 vember 5th.

Contract Awarded. Cost, \$11,500
AUDITORIUM FAIRMead, Madera Co., California.
 One-story concrete and brick school
 auditorium, 40x60 ft., Spanish tile
 roof.
 Owner—Fairmead School District, J. C.
 Abbott, clerk.
 Architect—Ernest J. Kump Co., Rowell
 Bldg., Fresno, Calif.
 Contractor—R. E. Carter, Madera, Calif.
 Other bids were:
 J. B. Hart, Fresno, \$13,000
 Ed Lane, Chowchilla, \$13,75
 W. F. Jennings, Fresno, \$13,717
 Miller and Little, Madera, \$13,891
 Otto C. Johnson, Kingsburg, \$14,159

Plans Being Figured—Bids Close Nov.
 14, 4 p. m. Cost—
OAKLEY, Contra Costa Co., Cal.
 Hollow tile and frame school.
 Owner—Oakley School District, Lillian
 L. Hall, Oakley, Calif.
 Architect—Narbut and O'Brien, 906
 Macdonald Ave., Richmond and Eac-
 on Bldg., Oakland, Calif.
 \$15,000. Bonds voted. See call for bids
 under official proposal section in this
 issue.

Contractors To Take Sub-Figures In
 About a Week.
SCHOOL Cost, \$365,300
OAKLAND, Alameda Co., Cal.
 Two blocks extending from 19th Avenue
 to 20th Avenue, and from E-15th
 Street to E-24th Street.
 General work for a two and three-story
 reinforced concrete high school.
 Owner—City of Oakland.
 Contracting Architect—Dickey, 2149 Broad
 way, Oakland.
 Contractor—R. W. Littlefield, 351 12th
 St., Oakland.

Commissioned To Prepare Plans. Cost, \$200,000
SCHOOL PASO ROBLES, San Luis Obispo, Co.
 Fireproof high school building (16
 rooms and auditorium).
 Owner—Paso Robles Union High School
 District.
 Architect—Miller & Warnecke, Perry
 Bldg., Oakland.
 Contracting Architect—John J. Donovan,
 Pacific Bldg., Oakland.
 A bond election will be held shortly.

Commissioned To Prepare Plans. Cost, \$80,000
COLLEGE BLDGS. MOORE, Stanislaus Co., Cal., North
 Tenth Street.
 First unit of Junior College bldgs.
 Owner—Modesto Junior College, Dist.
 W. E. Faughn, city supt. of schools.
 Architect—W. H. Weeks, 389 Pine St.,
 San Francisco, associated with W.
 H. Hubbert, Modesto.
 Only first unit of the proposed build-
 ings will be undertaken at this time.
 The ultimate cost of the structures
 complete will be in the neighborhood
 of \$500,000.

Plans Being Figured—Bids Close July
 9, 1923, 3 p. m. Cost—
SCHOOL TRANQUILITY, Fresno Co., Cal.
 One-story concrete building for high
 school (Job No. 600-C).
 Owner—Tranquility Union High School
 District, Robt. C. Brown, clerk.
 Architect—Ernest J. Kump, 207-8 Row-
 ell Bldg., Fresno.

FRESNO. Fresno Co., Cal.—Until Nov. 9, 5 p. m., bids will be received by L. L. Smith, Secretary of the Board of Education, to construct green house, 25x41 ft., equal to that manufactured by L. L. & J. Barnham Co. of Chicago, Ill. Separate bids are desired for heating. See call for bids under official proposal section in this issue.

MERCED. Merced Co., Cal.—Bids to construct gymnasium for Merced Union High School District rejected and new bids will be asked to be opened about Nov. 14. The second time bids were rejected, under the last call, the low bid being submitted by John Morton, Balboa Bldg., San Francisco, at \$32,150, which exceeds the amount available for construction. Plans prepared by Engineer W. E. Bedesen, Merced, and W. J. Wythe, architect, Central Bldg., Oakland.

HERALD. Sacramento Co., Cal.—Until Nov. 13, 2 p. m., bids will be received by C. W. Griffith, clerk, Alabama School District, to erect building. Contract to be payable to Trustees of District required with each bid. Plans may be had from clerk at Herald or may be seen in Building Trades Temple, 1011 Tenth St., Sacramento.

PROBERTA. Tehama Co., Cal.—Until Nov. 11, 8 p. m., bids will be received by Guy M. Lanphear, clerk, Kingsburg School District, to construct concrete school building destroyed by fire. F. M. Harris, architect, Graves Bldg., Chico. Cert. chk 10% payable to clerk of district req. with each bid. Plans may be had from architect on deposit of \$10.

OAKLAND. Cal.—C. W. Dickey, supervising architect of the Board of Education, is mapping out a program for construction to be undertaken the next bond issue for school improvements, the total cost of which is estimated at \$3,100,000. Schools to be constructed, \$1,000,000; new sites, \$700,000 and \$700,000 for furnishings. Preliminary sketches for the structures to be erected under the issue are being made with the assistance of Architect J. J. Donohue, of Oakland.

PORTLAND. Ore.—Architects Howell and Knighton, 1 S. Bank Bldg., are preparing plans for Northwest high school; first unit to consist of administration bldg., and class rooms in a structure 72 by 354 ft., two stories high, 21 class rooms, locker rooms, etc. Gymnasium and power house will be under one roof, 128x144 ft. Buildings of slow-burning construction with brick and terra cotta exterior. Est. cost, \$250,000.

PORTLAND. Ore.—Board of Education will shortly ask bids to const. gymnasium for Benson school; plans provide for 6-class rooms, 4 drawing rooms, 4 science laboratories and lecture room, gymnasium and locker rooms with space for 2000 lockers; est. cost \$200,000.

BERENDA. Madera Co., Cal.—Trine and Hector, Madera, at \$10,580 awarded contract to erect 2-classroom and auditorium for Berenda School District. Auditorium will seat 350.

COHASSET. Butte Co., Cal.—Until Nov. 15, 3 p. m., bids will be received by C. M. Brockman, clerk, Cohasset School District, to construct grammar school and auditorium building. F. M. Harris, architect, Graves Bldg., Chico. See call for Bids under official proposal section in this issue.

GRASS VALLEY. Nevada Co., Cal.—Until Nov. 13, 8 p. m., bids will be received by A. B. Champion, clerk, Grass Valley High School District, for furnishing and equipping main building of Grass Valley High School also for equipment for shops. See call for bids under official proposal section in this issue.

LOS ANGELES. Cal.—The Los Angeles high school board has decided to go ahead at once with a plan to accommodate 2500 pupils with 2000-seat auditorium, omitting shop buildings and gymnasium; \$600,000 available; plans to be ready for bids latter part of Nov.; J. C. Austin, Fred K. Ashley and Geo. M. Lindsey, of Los Angeles, associated architects.

FRESNO. Fresno Co., Cal.—Fresno State Teachers' College seeks \$700,000 for the coming two years. Of this amount \$35,000 is sought for a new

catereria; \$150,000 for dormitory; \$10,000 for paying grounds and \$50,000 for purchase of additional land.

SACRAMENTO. Cal.—Until Nov. 13, 5 p. m., bids will be received by Board of Education, Chas. C. Hughes, Sec., for fur. and del. for school use. See call for bids under official proposal section in this issue.

MERCED. Merced Co., Cal. Until Nov. 14, 8 p. m., bids will be received by C. D. Martin, clerk, Merced Union High School District, to construct high school gymnasium. Segregated bids are desired. W. E. Bedesen, engineer, Shaffer Bldg., Merced, associated with W. J. Wythe, architect, 415 Central Bank Bldg., Oakland. See call for bids under official proposal section in this issue.

SANTA BARBARA. Santa Barbara Co., Cal.—Plans for the new high school by Architect W. H. Weeks, 369 Pine St., S. F., are in the hands of Archts. Sauter & Lockard, of Santa Barbara, consulting archts., who will supervise the construction of the bldg. The structure to be almost one block long with corridor its entire length. One wing will contain nine class rooms, the other six class rooms and laboratories. The auditorium will be back of the main entrance which is in the center. The stage will be 76x45 ft., the auditorium being 65x35 ft. Art depts., and commercial work will be situated on the second floor, while the basement will be devoted to domestic science, manual arts, and holler rooms.

TULARE. Tulare Co., Cal.—Archit. W. H. Weeks, 369 Pine St., San Francisco, has been selected by the Board of Education of Tulare to plan proposed new elementary school building. He will prepare preliminary plans and estimates prior to bond election. The old Central school building will be wrecked and available timber and brick used in new building.

SANTA ANA. Orange Co., Cal.—Until 11 a. m., Nov. 21, bids will be received by board of supervisors of Orange Co., at Santa Ana for erecting the first unit of a Hall of Records bldg. at Santa Ana. Plans and spec. may be obtained from the county clerk or from Archt. Frank Benchley, Fullerton, upon deposit of \$20. Bids will be taken separately on general contract, electrical work and steam heating.

SELMA. Fresno Co., Cal.—The Board of Trustees of the Selma Union High School District in Selma opened bids and awarded contracts for the plumbing and electrical work for the new Science Hall building at the High School. Plans were prepared by architect Norman F. Marsh, Broadway Central Bldg., Fresno.

The electrical work was awarded to the Electric Construction Co. of Fresno and the plumbing to Latourrette-Fical Co. of Sacramento.

Following is a complete list of the bids:

Electrical Work	
Electric Constr. Co.	\$8200
Newberry Elec. Co.	8339
Kingsburg Elec. Co.	8600
Latourrette-Fical Co.	9546
Plumbing	
Latourrette Fical Co.	\$15,630
Kingsburg Plumbing Co.	15,700
Luppen-Hawley & Thng.	15,975

A. E. Leitch Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

LOS ANGELES. L. A. Co., Cal.—The board of education has authorized architects to prepare plans for new school bldgs. as follows: C. F. Skilling 8-unit bldg. at Clifford St. site to cost \$64,000; H. C. Decker, 12-unit bldg. at former school site to cost \$84,000; A. S. Nibacker, 12-unit school at 75th St. school site to cost \$81,000; and Hudson & Munsell, new bldg. at Marengo Hts. No. 2 site to cost \$90,000.

STORES AND OFFICES

Contract Awarded.
SERVICE STG. Cost, \$65,000
O. KLAN, Alameda Co., Cal., S. E. Broadway and Moss Ave.
One-story reinforced concrete auto salesroom and service station.
Owner—H. J. McMullen.
Lessee—J. E. French Co., agent of Dodge Cars.

Architect—J. R. Miller, Lick Bldg., San Francisco.
Contractor—P. W. Jensen, 320 Market Street.

Contract Awarded.
STORE BLDG. Cost, \$27,500
SAN FRANCISCO, W. Mission 10 S Twenty-second St.
One-story and basement reinforced concrete store building.
Owner—Clark Estate Co., 1st National Bank Bldg., San Francisco.
Architect—B. J. Joseph, New Call Bldg., San Francisco.
Contractor—Yukievich & Bagge, 189 Jessie St., San Francisco.

Contract Awarded.
STORE BUILDING Cost, \$105,000
FRESNO, Fresno Co., Cal, 1332 J St.
Three-story and basement concrete building.
Owner—Hugh Sparkman, 2225 Fresno St., Fresno.
Contractor—E. F. Echlin Co., Bank of Italy Bldg., Fresno.
Terra Cotta work awarded to The Los Angeles Pressed Brick Co.

Plans Being Prepared.
STORE & LOFT BLDG. Cost, \$20,000
SAN FRANCISCO, Grove and Market Streets.
General remodeling 2-story store and loft building.
Owner—United Guar States Inc.
Architect—Earle B. Dertz, 165 Sutter St.

Contract Awarded.
OFFICE BLDG. Cost, \$160,000
FRESNO, Fresno Co., Cal., L Street near Fresno Street.
Two-story, mezz., fireproof office bldg., 15x194 ft., with central court 75x30 ft. Owner—Holland and Holland.
Lessee—Sun Maid Raisin Growers.
Architect & Builders—R. F. Echlin Co., Bank of Italy Bldg., Fresno, Cal.
Construction will be started January 1, 1923.

Figures To Be Taken Shortly.
OFFICE BLDG. Cost, \$175,000
HICO, Butte Co., Cal, 3rd and Main St.
Four-story class C bank and office building.
Owner—First National Bank of Chico.
Architect—Chester Cole, Chico, Cal.
NOTE—Plans will be ready for contractors about November 14. \$25 deposit for plans.

Preliminary Plans Being Made.
ANNEX Cost, \$175,000
FRESNO, Fresno Co., Cal., L and Fresno Streets.
Four-story fireproof annex to present Holland Building.
Owner—Holland and Holland, Fresno.
Architect—R. F. Echlin Co., Bank of Italy Bldg., Fresno, Cal.

Steel and Terra Cotta Figures Being Taken.
ADDITION Cost, approx. \$800,000
SAN FRANCISCO, S. E. 6th and Market Streets (on the 6th St. side running to Stevenson).
15-story class A addition to present office building.
Owner—Western States Life Ins. Co., premises.
Architect—Reid Bros., 105 Montgomery Street, San Francisco.
Figures are now being taken for the steel and terra cotta. Other parts of the work will be figured shortly.
(continued on page 30)

Official Proposals

NOTICE TO CONTRACTORS

(Green House and Heating Plant)

Pursuant to an order of the Board of Education of the Fresno City High School District, duly passed and entered in its minutes of October 12, 1922, notice is hereby given that said Board will receive sealed proposals for the following work:

1. A green house, approximately 25'x41'-8", to be equal to that made by Lerd and Burnham Company of Chicago, Ill. Same to be an Iron Frame Construction as illustrated on their sheet No. 3373-A. House to have one glass gable only, all iron work painted one shop coat of paint, all hardware necessary to be furnished. Ventilating apparatus for four lines of sash, all iron for plant benches.

No glass, concrete work or plant bench lumber to be included in this bid. All material to be figured delivered at New High School Property.

2. A separate bid shall be given for a heating plant to consist of 800 feet of 2" pipe, one 4-20 American Radiator Company's Arco heater with all tools, breeching, foundations, connections, labor for making a complete operating plant. Plant to have a complete thermostatic control. Also one Gearhart or equal distillate oil burner and 50 gal. tank for oil, all installed as per City Ordinances.

This heating plant will be located at one end of green house in a Potting Room to be erected later by the Owners.

Plans are on file with secretary of said Board and may be seen at the office of the secretary of the Board.

All bids must be in the hands of L. L. Smith, Secretary of Board of Education, Fresno City High School District, at his office in the Technical School Building, Fresno, California, before 5 P. M., November 9, 1922.

A certified check equal to ten per cent of the total amount of bid submitted must accompany the proposal. The Board further reserves the right to reject any or all bids.

All bids must be sealed and name of bidder and branch of work must be marked on outside of envelope.

By order of the Board of Education, Fresno City High School District.

L. L. SMITH, Secretary.

NOTICE TO BIDDERS

(Oakley School District)

Sealed bids are hereby invited and will be received by the Trustees of the Oakley School District of the County of Contra Costa, State of California, at the School House of said District in the Town of Oakley, County of Contra Costa, up to and including the hour of 4 p. m., on Thursday, November 14, 1922.

For the material and labor for the construction and completion of a hollow tile and frame School Building, on the school lot of said District, according to plans and specifications prepared by Narbett & O'Brien, the Authorized Architects and heretofore adopted by said Board of Trustees.

Plans may be obtained at the offices of Narbett & O'Brien, 906 Macdonald Ave., Richmond, California, and Bacon Building, Oakland, California. A deposit of Five (\$5.00) Dollars will be required for the safe return of each set of plans.

All bids shall be made out on bid form furnished by the architects.

Bids shall be delivered to Mrs. Lillian L. Hall, Clerk of the Board, Oakley, California. Said bids shall be enclosed in sealed envelopes and addressed to the Board of School Trustees, Oakley School District, Oakley, California. A certified check of ten (10%) per cent of the amount the proposal, payable to Oakley School District, must accompany each bid.

The successful bidder to obtain bonds and sign a contract for the amount of his proposal, within five (5)

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

days after the award of contract to him under this notice, should he fail to do so within the time fixed, his check will be forfeited to said district. All checks will be returned to the unsuccessful bidders after the contract has been signed and bonds furnished by the contractor whose bid has been accepted.

The Board of School Trustees reserves the right to reject any or all bids or any part of any bid.

Dated: October 24, 1922.
LILLIAN L. HALL,
Clerk of Board of School Trustees,
Oakley School District.

NOTICE TO BIDDERS

(Lumber-Sacramento Schools)

Notice is hereby given that sealed bids will be received by the Board of Education of the Sacramento City School District for the purchase and delivery of the following amount of Board Feet of Lumber: O. B. School Shop, or Schools, as desired:

8 pieces 6x6x10.
8 pieces 6x8x14.
5 pieces 2x5x10.
64 pieces 2x8x10.
163 pieces 2x8x16.
84 pieces 2x8x12.
12 pieces 2x8x8.
28 pieces 2x6x12.
10 pieces 1x4x12.
56 pieces 1x3x12.
All above Oregon Pine; Surface four Sides.

5900 Board Feet 1x6 No. 2 Flooring Oregon Pine.
1655 pieces Board Feet 1x4x12 T & G Ceiling.

and the following Lined Feet of Lumber:
325 Lined Feet of 3/4 Cove.
5700 Lined Feet Quarter Round 3/4".
396 Lined Feet 3x4 Outer.

It is expressly understood that the above lumber is to be furnished in one or more deliveries as desired, and to the School Shop or Schools, as may be determined and specified.

A certified check for the sum of ten per cent must accompany each bid which will be forfeited to the Board of Education of the Sacramento City School District, should the bidder fail to comply with the terms of his bid as required so to do.

All bids must be filed with the Secretary of the Board of Education of the Sacramento City School District

Room No. 300, City Hall, not later than five o'clock p. m., Monday, November 13th, 1922.

The Board of Education reserves the right to accept or reject any or all bids.

CHAS. C. HUGHES,

Secretary of the Board of Education of the Sacramento City School District

NOTICE TO CONTRACTORS

(San Lorenzo School and Auditorium)

NOTICE IS HEREBY GIVEN that sealed bids will be received by the trustees of the San Lorenzo School District, Alameda County, California, for the construction of an auditorium and school and auditorium in San Lorenzo School District, Alameda County, California, as per plans and specifications on file with the clerk of said trustees or at the office of Henry C. Smith, the authorized architect, 735 Market Street, San Francisco, California.

Plans and specifications can be obtained from the Clerk or Architect upon the deposit of the sum of \$20, which will be returned when said plans are returned in good condition to either of the above.

Reference to plans and specifications are hereby made for bids required. Blank forms for bidding will be furnished upon application.

Said bids will be received up to and including Monday, November 13, 1922, at 7:30 p. m. o'clock by the Clerk of said Board of Trustees, at the Present school building, San Lorenzo, California, Alameda County, California. Each bid must be accompanied by a certified check for the sum of \$500 for general bids; and 10% of bid on sub bids; conditioned on the successful bidder entering into the contract, the said check will be made payable to Robert King, Clerk of the Board of Trustees, San Lorenzo school district. The Trustees reserve the right to reject any or all bids in part or as a whole.

By order of the Board of Trustees, San Lorenzo School District, Alameda County, California.

Dated at San Lorenzo, October 23, 1922.

ROBERT KING, Clerk,
Board of Trustees, San Lorenzo School District.

NOTICE TO CONTRACTORS

(Porterville Elks' Building)

NOTICE IS HEREBY GIVEN that the Board of Directors of the Porterville Elks Bldg. Assn., Inc. of the City of Porterville, County of Tulare, State of California, will receive sealed bids for the furnishing of all labor and materials necessary in the erection, construction and completion of the Club Building, including the above, according to Plans and Specifications prepared by The Ernest J. Kump Co., Architects, of the City of Fresno, and in strict accordance with the segregated bids and alternate bids, asked for in Specifications, Job 703 Revised.

Said Sealed Bids will be received up to and including 4 p. m., of the **FOURTEENTH DAY OF NOVEMBER, 1922**, by the undersigned J. T. Fuller, Secretary, at the offices of A. J. Newbury, 307 Mills St., Porterville, Cal.

Said Sealed Bids must be accompanied by a certified check in the sum equal at least to ten per centum of the amount of bid to do the work mentioned and made payable to the undersigned secretary as a guarantee that the Bidder will execute the proper contracts and Bonds in case the contract is awarded to him by reason of his Bid.

Plans and Specifications are on file with the undersigned Secretary of the Board and additional copies may be ob-

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
692 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

tained at the offices of the Architects.
All Bids to be made out on blank
The successful bidders will have to
give satisfactory Bonds in the sum of
fifty per cent covering labor and ma-
terials, and additional twenty per
cent Bonds for faithful performance, as
fully set forth in Specifications.

The Board of Directors as Owners re-
serve the right to reject any or all
Bids or Alternate Bids, or any part or
parts of any Bids, or alternates re-
ceived and reject the balance thereof,
and to waive any informality in any
Bids, or Alternates received.

All Bids to be addressed to J. T. Ful-
ler, Secretary, Care of A. M. Newman,
307 Mills St., Porterville, Calif.

BY ORDER OF THE BOARD
J. T. FULLER, Secretary

**MERCED UNION HIGH SCHOOL
NOTICE TO CONTRACTORS
(Gymnasium Building)**

The Board of Trustees of the Merced
Union High School District, Merced,
California, will receive sealed proposals
up until 8 o'clock p. m., Nov. 14, 1922,
at the office of the clerk in the High
School building, Merced, California, at
which time and place said bids will be
opened and read in public, for furnish-
ing the required labor and materials
for, and erecting and completing the
proposed new High School gymnasium
in accordance with the plans and specifi-
cations prepared therefor by W. B.
Bedesen, Engineer, Shafter building,
Merced, and Wilson J. Wythe, architect,
513 Central Bank building, Oakland, as-
sociated. Bids will be received sepa-
rately for the different parts of the
work as follows:

- Contract No. 1.—For the excavating,
concrete, masonry, and all carpentry
work.
- Contract No. 2.—For sheet metal
work.
- Contract No. 3.—For tile roofing, etc.
- Contract No. 4.—For composition
roofing and composition shingles.
- Contract No. 5.—For plastering.
- Contract No. 6.—For painting.
- Contract No. 7.—For electric work.
- Contract No. 8.—For plumbing, sewer-
ing, etc.

Cashier's or certified check or bid-
der's bond for an amount not less than
five per cent (5 per cent) of amount of
bid shall accompany each proposal
drawn payable to the order of C. D.
Martin, Clerk of the Board, as a guar-
antee that the bidder will within five
days after being notified of the accept-
ance of his bid, enter into a contract
with said High School Board in accord-
ance with same, and shall furnish the
surety bonds, or other approved bonds,
as required by the specifications.
Said check or bond to be forfeited to
the said Union High School District
should the bidder fail to execute con-
tract and furnish bond as above men-
tioned.

All bids to be made out on forms fur-
nished by the Engineer.
Plans and specifications bearing date
of revision of October 30, 1922, for all
the above work may be seen at the
office of the Engineer or at the office
of the Architect, where they may be
secured for bidding.

A deposit of Fifteen Dollars (\$15.)
will be required from all contractors
receiving plans. Said deposit will be
refunded to bidders when plans and
specifications are returned in good con-
dition within 5 days after the bids are
opened.

The said High School Board reserves
the right to reject any and all bids, and
to waive any informality in any bid
received.

By order of the Board of Trustees
Merced Union High School District,
Merced, California.
October 30, 1922.

By C. D. MARTIN, Clerk

(43178) 1st report Aug. 4; 4th report
Oct. 3, 1922. RP

**NOTICE TO BIDDERS
(School and Auditorium Building)**

Notice is hereby given that the
Cohasset Union School District of
Butte County, California, will at the
home of Val C. White, in the Union
district of Cohasset on the 15th day
of November, 1922, at 3 p. m., of that
day receive and consider sealed bids
for the following work:

The construction of a new frame
Grammar School and Auditorium Build-
ing. This work to be done on the school
premises at Cohasset, in the County of
Butte, State of California, according to
plans and specifications for the same
on file with the Clerk of the Board of
Trustees.
Plans and specifications may be ob-
tained at the office of P. M. Harris at
Room 5, Graves Bldg., Chico, Calif.,
upon payment of \$10.00, which sum will
be repaid upon return of plans and
specifications in good order.

All bids must be sealed and filed
with the Clerk of said Cohasset Union
School Board prior to 3 p. m. of the
15th day of November, 1922, and be
accompanied by a check certified to by
a solvent bank for ten per cent of the
amount of the bid submitted, which
check shall be payable to the Clerk of
the Cohasset Union School District.

This check is required as a guarantee
that the successful bidder will within
three days after notice of the awarding
of the contract to him enter into a sat-
isfactory contract with the Board of
said District, and execute and deliver
the necessary bonds as required by law.
If the contractor shall fail to enter into
such contract, the amount of the cer-
tified check shall be retained by said
Board as liquidated damages. If the
contractor shall enter into the con-
tract as stated above his check shall
be returned to him.

The Board reserves the right to re-
ject any and all bids.
Dated this 28th day of October, 1922.
C. M. BROCKMAN,
Clerk of the Board of Cohasset Union
School District.

**NOTICE TO CONTRACTORS
(School Furniture & Shop Equipment)**

Pursuant to an order made this 10th
day of October, 1922, Notice is hereby
Given by the Board of Trustees of the
Grass Valley High School District,
County of Nevada, State of California,
that bids will be received by said Board
of Trustees for the furnishing and
equipping of the main building of the
Grass Valley High School and also for
equipping the shops of said school in
accordance with the specifications with
file with the clerk of the Board, Mr.
A. B. Champion.

Separate sealed bids will be received
for any or all of the classes or groups
named in said specifications. Bids must
give price of each article f. o. b. Grass
Valley. Delivery of furniture and equip-
ment of the main building to be made
by January 1st, 1923, and of the shop
equipment not later than Feb. 1, 1923.

Bids will be opened on Monday, No-
vember 13, 1922, at 8 o'clock p. m., at
the Public Library building in Grass
Valley, California.

Copies of above specifications may
be obtained upon application to A. B.
Champion, Clerk of the Board, Grass
Valley, California.

All bids must be sent or handed to
the Clerk of said Board of Trustees on
or before said hour and day and en-
closed in sealed envelopes and marked
on outside, "Bids for furniture or equip-
ment for High School at Grass Valley,
California."

The Board of Trustees reserves the
right to reject any and all bids, or any
or all items of such bids, and to waive
any informality in any bid received.

A. B. CHAMPION,
Clerk of the Board of Trustees of the
Grass Valley High School District,
County of Nevada, State of California.

**BIDS WANTED FOR PAINTING POST
OFFICE**

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Super-
vising Architect's office, Washington,
D. C. October 19, 1922. SEALED PRO-
POSALS will be opened in this office at
2 p. m., November 13, 1922, for painting
plastering at the U. S. Post Office,
Minneapolis, Nev., in accordance with
the specification, copies of which may
be had at this office or at the office
of the Custodian, in the discretion of
the Supervising Architect, J. A. A.
WETMORE, Acting Supervising Archi-
tect.

(Continued on page 31)

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192.....

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Engineering News Section

BRIDGES, DAMS & HARBOR WORK

MERCED. Merced Co., Cal.—Until Nov. 15, 10 a. m., bids will be received by P. J. Thornton, county clerk, to construct wooden bridge No. 116 over Middle slough on Lone Willow road, in Rd. Dist. 5. Cert. check, 10% payable to chairman Board of Sup. reg. Spec. may be obtained from G. E. Winton, county surv., on deposit of \$10, returnable.

PRESCOTT. Ariz.—Yavapai county highway commission has completed plans for a 2-span steel truss bridge, 231 ft. long, to be erected over Agua Fria at Canyon, on the Black Canyon Rd. Bids will be called for at once. R. E. Moore, chairman county highway commission.

SANTA ANA. Orange Co., Cal.—County Supervisors adopt plans for a 524-ft. bridge across the Santa Ana river as part of the state highway link between Huntington Beach and Newport Beach. Est. cost, \$50,000. Structure will consist of 3 60-ft. spans, Warren type steel trusses resting on conc. piers. At each end will be 21-ft. bents of conc. pile construction. The structure will be 24 ft. wide. J. L. McBride, county engr.

SACRAMENTO. Cal.—County supervisors will reject bids for the Paintersville and Steamboat Slough bridges, due to error in plans which called for 20-ton structure whereas the supervisors ordered plans for 15-ton structures. Drury Butler is county engineer and Chas. Deterding, county surveyor. Supervisors propose to take the work out of the County Engineer's office and place the supervision under the supervision of the County Surveyor.

VENTURA. Cal.—Plans and spec. for the reservoir site and pumping plant to be used by the new water company have been accepted by the board of supervisors and bids for same have been called for. Chas. W. Felit, County Surveyor.

SAN DIEGO. Cal.—United Dredging Co., Central Bldg., Los Angeles awarded contract at \$22,820 cu. yds. for dredging about 267,000 cu. yds. in San Diego harbor. San Francisco Bridge Co. submitted only other bid at 42.3c yd.

LOS ANGELES.—K. O. Wetzel Co., 699 14th St., submitted low bid at \$3387 for dismantling steel bridge in the Arroyo Seco and La Canada-Verdugo Rd. Other bids were: McCrean Bridge & Constr. Co., \$3500; Frank H. Greene, \$3700.

REDWOOD CITY. San Mateo Co., Cal.—San Francisco Motor Inventory Co., 180 Jessie St., San Francisco, at \$3880 awarded contract by supervisors to construct levee on county road from South San Francisco to San Bruno. Involy. 10,000 cu. yds. earthwork and 70 lin. ft. timber bulkhead.

POCATELLO. Ida.—Until Nov. 13, 2 p. m., bids will be rec. by county commissioners to construct 100-ft. steel truss bridge with 2-mi. approach and roadway, to be known as Federal Aid Project No. 59, on Idaho Pacific Highway in Barcock cu. yds. earthwork, steel, 67,000 lbs. structural steel; 140 lin. ft. corr. pipe; 304 cu. yds. conc.; 14,000 cu. yds. earth excavation; 15 cu. yds. gravel surfacing; 1500 cu. yds. gravel surfacing; 2110 cu. ft. guard rail; 5 acre clearing and grubbing.

PRESCOTT. Ariz.—County highway commission taking bids to const. steel bridge over Agua Fria at Canyon Road. The bridge will be of the steel truss type 231 ft. in two spans.

NEWPORT BEACH. Cal.—Until 7:30 p. m., Nov. 6 bids will be rec. by City Clerk Alfred Smith to const. steel plate through girder bridge, complete across the Santa Ana river. Plans and spec. on file with Paul E. Kressly, consulting engr., 732 H. W. Hellman Bldg., Los Angeles. Cert. check, 10%. The structure will be 47 ft. over all in length, with a 24-ft. roadway, with 11-in. reinf. conc. paving, and 5-ft. walk on the east side. The north approach is 300 ft. long, 24 ft. wide bet. curbs, with 6-ft. conc. walk on east side; the south approach is 40 ft. long, with a roadway narrowing from 40 ft. to 24 ft. The paving of the approaches will involve \$116 sq. ft. 8-in. cem. conc. pavement.

OAKLAND. Alameda Co., Cal.—County Surveyor Geo. A. Posey is preparing specifications to widen bridge over San Leandro creek in East Fourteenth St. in San Leandro. Bids will be asked in about one month.

OAKLAND. Cal.—Plans for the construction of a tube under the estuary between Oakland and Alameda have been temporarily halted due to an opinion of the District Attorney that under the state constitution the proposed tube cannot be built. The state constitution conflicts on the point, the attorney declares, an enabling action in 1911 giving the power of expending the money for such work to the boards of supervisors and the mayors of the cities interested, while in 1914 an amendment placed the power of expending county funds only within the hands of the supervisors. An attempt to have the county start construction of a bridge to replace the one ordered out by the Federal Government was voted down. An attempt to have the law amended again will be made at the next session of the legislature.

IRRIGATION PROJECTS

FAIR OAKS. Sacramento Co., Cal.—Until Nov. 13, 12 m., bids will be rec. by secretary Fair Oaks Irrigation Dist. for fur and d.i. riveted steel slip joint, dipped and soil protected water pipe: 1409 ft. 14-in. 12-gauge; 4300 ft. 12-in. 14-gauge; 4200 ft. 10-in. 14-gauge; 1100 ft. 9-in. 14-gauge; 9100 ft. 8-in. 16-gauge; 1100 ft. 7-in. 16-gauge; 3800 ft. 6-in. 15-gauge; 4300 ft. 4-in. 16-gauge.

Specifications may be obtained from Engineer of District, Stephen E. Keiffer, 407 Post St., San Francisco. See call for bids under official proposal section in this issue.

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MARICOPA. Ariz.—The date for opening bids for construction of an irrigation system for Maricopa Irrigation District has been postponed from Oct. 27 to Nov. 27. D. H. Smith, Maricopa, Ariz., secretary.

LIGHTING SYSTEMS

EXETER. Tulare Co., Cal.—City Trustees plan extensions of electrolite system in Pine street for a distance of 4 blocks.

SANTA MONICA. Cal.—Engineering dept. has completed plans and spec. for ornamental lighting system for Santa Monica Blvd. The system will comprise six lights to the block, the posts to be of Grecian type, 20 ft. over all, with two lamps of holoplane glass, carrying 500-watt globes.

LOS ANGELES. Cal.—Bids are desired by the Briggs Co., 8225 Sunset Blvd., subdividers for ornamental lighting system for new subdivision on Sunset Blvd. Bids are also desired by the same people on ornamental iron fencing.

RIVERSIDE. Cal.—City council adopts an ord. of inten. to construct elec. lighting system on Cedar St. bet. First and Fourth Sts. Protests Nov. 14. C. R. Burns, city clerk.

VISALIA. Tulare Co., Cal.—Chamber of Commerce plans movement for electrolite on 9 additional blocks in business section. The project will be presented to city trustees at once. A survey has been made by J. M. Dadds, engr. for the General Electric Co. Plans call for six standards to a block.

SAN FRANCISCO.—Lighting Committee of Bd. of Supervisors proposes to expend \$10,000 for street lighting systems. Installations will be made in Valencia St., bet. Market and 28th Sts. Chas. J. Powers, chairman of Lighting Committee.

REDLANDS. Cal.—City Trustees declare intention to const. 9 ornamental lighting posts on West State St., bet. First and Third Sts., and ten posts on Kendall St., bet. Sacramento St. and Brookside Ave.; C. P. Hook, city clk.

RAILROADS

SANTA BARBARA COUNTY. Cal.—Pacific Southwest Railway Co., recently organized, applies to the Interstate Commerce Commission to construct a line from Lompoc to White Hills in Santa Barbara County, a distance of 4 miles.

WASHINGTON. D. C.—Colorado, Columbus and Mexican Railway Co., a new corporation, has filed application with the Interstate Commerce Commission to float a bond issue of \$20,000,000 and to approve the issue of \$5,000,000 at par in common stock, to finance the construction of 550 miles of new railroad between Columbus and Farmington, N. M., with branch lines to El Paso, Texas, and other points.

OAKLAND. Cal.—Southern Pacific Co. has purchased 300 acres from the land Terminal Co. for terminal, port and industrial purposes. The exact nature of the improvements contemplated has not been announced.

WALLA WALLA. Wash.—Walla Walla Valley Railway (subsidiary of Northern Pacific Railway) will construct branch line bet. College Place and Langdon Orchard; 3.3 mi., long, est. cost \$100,000.

SAN FRANCISCO.—City Eng. M. M. O'Shaughnessy completes spec to Imp. Ulloa st. bet. 22nd and 27th Aves., involving 2778 lin. ft. conc. curbs; 10 br. catchbasins; 380 lin. ft 10-in. vit. iron-stone pipe culvert; reset 2 br. catchbasins; 2642 sq. ft. art. stone walks; 79,573 sq. ft. asph. conc. pavement.

SAN DIEGO, Cal.—Fairchild-Gilmore-Whitton Co., 214th St., San Diego, submitted low bid to council to pave Georgia St. and Spalding Pl., involv. 20,551 cu. yd. 4-in. conc. paving at 19.7c ft. and 6000 sq. ft. 2-in. asph. conc. paving with 1 1/2-in. asph. wearing surface at 15.5c ft. (L. A. Daley bid 20c conc. conc. and 15.5c asph. conc. bids referred to city engr. F. A. Rhodes.

LONG BEACH, Cal. — City council considering plans for a storm drain in the dist. west of Pine Ave. bet. Anaheim Rd. and the Ocean. Est. cost, \$86,860.79. All paying will wait until storm drain is completed. The matter was laid on the table for six months. The plans were prepared under the direction of Director of Public Service A. L. Feyer.

OAKLAND, Cal.—Until Nov. 13, 4.30 p. m., bids will be rec. by John W. Edgemond, secy., Board of Education, to construct subway under W. F. tracks at Berkeley school, 37th Ave., and East 12th St. Plans may be had from Construction Department, Board of Education, Chamber Hall, Oakland, on deposit of \$10.

SACRAMENTO, CALIF. CURB and Sewerage Const., 1000 Colburn Bldg., Sacramento, is awarded contract by council to improve 1st St. bet. 33rd and Santa Ynez Ways; 35th St. bet. H and J Sts.; const. conc. curbs and gutters; c. i. gutter drains with 6-in. vit. manhole connections; conc. manholes; extend 6-in. sewer service; 4-in. water main connections; conc. walks; grading and paving with 5 1/2-in. asph. conc. and alleys bet. J, K, 35th and Santa Ynez by const. conc. catch basins; const. conc. curb walk connections; const. conc. curb walk grading and paving with 5-in. hvy. concrete.

Clark and Henery awarded contract to improve 33rd St. bet. 9th and 12th Aves., const. conc. curb wall, c. i. gutter drains with 6-in. vit. manhole connections; const. vit. sewers stubs from manholes to curb line; reconst. conc. manholes; $\frac{3}{4}$ -in. water main connections; grading and paving with $5\frac{1}{2}$ -in. asph. conc.

SALINAS, Monterey Co., Cal.—General Const. Co., Sharon Bldg., San Francisco, at \$1,398 awarded contract by council to improve portions of Soledad St., involving 2310 lin. ft. conc. curb, \$.62 lin. ft.; 39,780 sq. ft. grading, \$.80 sq. ft.; 39,780 sq. ft. conc. base, \$.30 sq. ft.

ONTARIO, Feb.—City Council adop plans for sewer dist. bet. G and 4th St. and Euclid and Vine Aves., involv. a prox. 7000 ft. pipe, 161 wye connection 19 manholes, 1911 Act.

SAN LEANDRO, Alameda Co., Cal. City trustees, J. J. Gull, clerk, declare intention to const. 5 ft. wide cem wall where not already, in portions of 14th St. 1911 Act. Protests Nov. 20.

intention declared to improve Lew and Mitchell Aves., bet. Hollywood Pl. and south boundary of Hollywood grading, const. conc. curbs and walk paving with oil surfaced macadam. 19 Act. Protests Nov. 20. R. H. Goodcity Engineer.

VENTURA Co., Cal.—Fairchild-Gmore-Wilton Co., L. A. Ry Bldg., Los Angeles, awarded contract by supervisors for surfacing 4 mi. of county highway from Fillmore to the county line at Castaic, at 6 1/2 sq ft. The work involves 425,000 sq ft. 1 1/2-in. asphalt concrete surface.

SAN FRANCISCO. C. L. Harney, 1
civic Bldg., at \$184 awarded contr
by Board of Public Works to cor
484 sq. ft. conc. pavement in Lyon
bet. Turk and Golden Gate Ave.

SAN FRANCISCO—Board of Public Works requests supervisors to authorize call for bids to construct a boulevard between Lincoln Park and Sun Heights by grading, drainage and widening. Est. cost, \$60,000.

OAKLAND, Cal.—Until Nov. 9, 11 a. m., bids will be rec by E. K. Sturgis, city clerk, to improve portion of 76th Ave., grading; const. con. curbs and gutters; cem. walks and paving with oil macadam. 1911 Act. W. W. Harmon, city eng.

GRESHAM, Ore.—Until Nov. 15, bids will be received by Council to const. 6-in. water main extensions in several streets. Est cost \$20,000. Louis C. Kelsey, city eng.

VENTURA, Co., Cal.—Until 11:30 a. m., Nov. 21, bids will be rec. by super- visors to pave 3.05 mi. of Guiberson Rd. about 1 mi. south of Fillmore, in- volving 7300 cu. yds. excav., 10,850 lin. ft. shaping and rolling roadbed, 173,600 sq. ft. asph. conc. pavement, 8300 lbs. steel reinf., 60 ft. 15-in. corr. iron pipe 12 ft. 48-in. pipe, relaying 15 ft. 42-in. pipe. Plans and spec. on file with Coun- ty Surveyor Chas. W. Pettit.

SACRAMENTO, Cal.—City Council, H. G. Denton, city clerk, declares intention to improve 50th St., bet. R and T Sts., conc. curbs and gutters; c. i. gutter drains; with 6-in. manhole connections grading, paving with 5½-in. asph. conc.

Intention declared to improve alleys bet. L, K, 2nd and 3rd Sts., conc. conc. wall; reconstr. manholes and catch basin; grading, paving with 5-in. hyc. concrete.

Intention declared to improve 32nd St., bet. H and J Sts., const. 6-in. vi sewer with wyes; extend. 6-in. vi sewer services; conc. manholes. Pro tests Nov. 23. Albert Givan, city eng.

FRESNO, Fresno Co., Cal.—Thompson Bros., 6 and Divisadero Sts., Fresno awarded contract by council to improve Fenger Av., bet. Belmont and Olive Aves., grading 953 sq. ft.; 3½-in. asphalt concrete base with 1½-in. Warrenite surface pavement, \$219 sq. ft.; concrete curb, 66 lin. ft.; concrete gutters, 3 sq. ft.; cement walks, \$225 sq. ft.; 12-in. corrugated culverts, \$5.50 lin. ft.; manhole \$25 each.

Thompson Bros. awarded contract const. 6-in. vit. clay pipe sewer in Bl 16, Paige Tract, at \$.92 lin. ft.; manho \$80 each; drop connections, \$25 each.

SAN DIEGO, Cal.—California Const. Co., Grapner Bldg., at \$10.45, submitted low bid to council at \$19.45 to construct sanitary sewers in Withers Conds. Dandiel, Miller, Guy and Tit Sts., and Arden, Way and View Pls.; incl. invrch. excav., trench work, etc. 100 ft. approx. 600 lin. ft. f.-in. conc. sewer pipe. Other bids were: V. A. Olsen, 4153 Florida St., \$10,793; L. W. Brawner, 43 Voltaire St., \$15,262. Bids referred to city Engr. F. A. Rhodes.

PORTLAND, Ore.—City Eng. making surveys for proposed rearrangement North Front St., from Glisan to Nicol Sts., in connection with developments freight terminal at Guild's Lake; cost, \$100,000.

FRESNO. Fresno Co., Cal.—Until Nov. 9, 3:30 p. m., bids will be rec. by R. St. George, city clerk, to improve Angeles Ave., bet. Broadway and S. right of way; grading, const. curbs, paving with 6-in. cem. 1911 Act. Wm. Stranahan, city eng.

LOS ANGELES, Cal.—J. F. Knapp O. Box 616 El Centro, awarded contract by supervisors at \$45,869 for improving Cherry Ave., bet. Michigan Ave.

South St., in road dist. No. 4; 1760 ft.
4463 cu. yds. excav. at 75c yd.; 7786
sq. ft. shaping roadbed at 22c ft.; 17
ft. conc. paving at \$1.88; 2475
yds. disln. granite surfacing at \$5.
77 ft. 21-in. conc. pipe at \$2.75; 7
36-in. conc. pipe at \$5 ft.; 154.8 cu.
conc. in headwalls at \$16.90 yd. Or
bids were J. Paul Benson, \$46,561;
S. M. Kerns, \$51,829.90; J. G. Beckje
\$53,660; R. H. Travers, \$61,898; Geo.
Oswald, \$52,549.05.

LONG BEACH, Cal.—S. M. Kerns, Vina St., awarded contract at 33c sq. ft. for paving Cherry Ave. with 6-in. cobblestones. Total area, about 173,781 sq. ft.

SANTA BARBARA, Cal.—City council declares intention to change grade of Carrillo St. and Garden St., bet. Santa Barbara St. and Canal St., and for constructing curbs, driveways, catchbasins and manholes, and paving with concrete, 1911 Act

NEWMAN, Stanislaus Co., Cal.—Un-
til Nov. 1, 7:30 p. m. bids will be re-
ceived by Town Trustees to construct storm
sewer. Bids are desired under Prop.
No. 1 for 2594 ft. of 20-in. conc. pipe; small
quantities of 6-in., 12-in. pipe; small
and wall and 4-in. galv. pipe; 4-in. wall
and 12-in. north inlets, south inlets
and tees; 16-in. and 12-in. caphs; 3 br.
sittwells and under prop. No. 2 4514 ft.
of 20-in. conc. pipe; incidentals and in-
stallation. Plans and specifications are in
No. 1; and can be viewed at the Town
Engineer's office. See also ad. in
Eng. W. R. She man on deposit of \$7

TULARE. Tulare Co., Cal.—City trustees have adopted resolution to pave 700 ft. road in the Salida Tract. Pavement will be 2½-in. asph. conc. base with asph top; work includes curbs and walk. Est. cost, \$20,000.

LOS ANGELES, Cal.—Geo. H. Oswald & Co., 36 E. 2nd St., submitted low bid to supervisors at \$19,724.10 for improving a portion of Pasadena Ave., bet. Anaheim, Telegraph Rd. and L. A. river, road dist. No. 4, involy. 3290 yds. excav. at 55c yd.; 7783 lin. ft. shap. roadbed at \$1.75 ft.; 8 in. corr. iron pipe at \$3.75 ft.; 8 in. ft. 21-in. corr. iron pipe at \$3.75 ft.; rein. conc. culvert at \$1700; wooden trestle at Sta. 9 plus 71.91 at \$1600; wooden trestle at Sta. 10 plus 28.92 at \$1100; 17,066 cu. yd. dirt to granite at \$1.00 cu. yd. Other bids were: J. Beckford, \$22,227.56; J. Paul Benson, \$19,166.55.

LOS ANGELES, Cal.—Joe Mullarke, 8435 S. Vermont Ave., awarded contract by Board of Public Works at \$7714.60 for paving 11st Pl., bet. Denker and Western Aves., involy. 46,818 sq. ft. rough grading to grade at 2c ft.; 46,818 sq. ft. grading and oiling at 5c ft.; 2147 ft. curb at 60c ft.; 8646 sq. ft. wall at 20c ft.; 5680 sq. ft. gutter.

C. W. Shafer, 222 W. 33rd St., awarded contract at \$134.74 for constr. 1366 sq. ft. walk in Westmoreland Ave. bet. Lexington Ave. and Santa Monica. Blvd. Joe Mullarkey, 8435 S. Vermont Ave., awarded contract at \$8603.43 for paving 42nd St. bet. Hoover St. and Vermont St. involving 96 sq. ft. conc. paving, 36c ft.; 32,114 sq. ft. rough grading, 30c ft. at 3c ft.; 23,146 sq. ft. oiling at 10c ft.; 25,718 sq. ft. curb at 60c ft.; 12,587 sq. ft. walk at 20c ft.; 5221 sq. gutter at 25c ft.

Geo. J. Beck, firms, submitted bid for paving 25th St., bet. 13th St. and Bronson Ave., involy. 8926 sq. ft. grading to grade at 7c ft., 8926 sq. ft. finish grading, oiling and rolling at 1c ft., 425 ft. curb at 70c ft., 2125 sq. ft. gutter at 22c ft., 891 sq. ft. gutter at 22c

Baker & Kinsman, 729 H. W. Hellm
Bldg., submitted only bid for paving
Edendale Pl., bet. Edendale Terra
Tract and Glendale Blvd., involy. 97
sq. ft. grading to finish subgrade at 1
ft.; 9794 sq. ft. conc. paving at 35c
curb at 80c ft.; 4139 sq. ft. walk at 1
ft. 140 ft. house sewers

Geo. R. Curtis, 2440 E. 26th St., submitted low bid for paving New Hampshire Ave., bet. 8th and 9th Sts., involving 22,790 sq. ft. grading to finish grade at 4c ft.; 22,790 sq. ft. asph. concrete paving at 22.5c ft.; 1200 sq. ft. gutter at 22c ft.

John Arlinkovich, 614 N. Bunker Ave., submitted low bid at \$6600 sewer compl. in Fairfield Ave., betw Cahuenga Ave. and Odin St., and in portions of other streets.

E. Granich submitted low bid of \$695 for constructing sewer complete from Normandie Ave., bet. Maplewood and Rosewood Aves.

Geo. H. Oswald, 366 E 58th St., submitted low bid for paving 77th St., San Pedro and Main Sts., involv. sq. ft.conc. paving at 25c ft., 21,199 sq. ft. rough grading to grade at 2c ft., 199 sq. ft. finish grading, oiling rolling at 6.5c ft., 1303 ft. curb at ft., 6327 sq. ft. walk at 19c ft., 51 sq. ft. gutter at 25c ft.

SOUTH SAN FRANCISCO, San M.
Co., Cal.—San Francisco Motor Dray
Co., 180 Jessie St., San Francisco
\$3950 awarded contract by city trust
to excavate civic center site, inv.
approx. 10,000 cu. yds. earthwork.

SAN DIEGO, Cal.—California Water Constr. Co. awarded contract at \$1,200,000 to improve San Luis Rey Rd. No. 1 involving 46,260 sq. ft. road bed, 10 in. ft. header boards, 46 ft 12-in. iron culvert; with accessories G. R. ley bid \$11,613.15.

D-364—Memphis, Tenn. Trailer Tool Manufacturing Company desires automobile dealer San Francisco to handle their account in the state of California on their Steerable Trailer Trucks. Descriptive circular on file.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am't.
2830	Sherman	Swert	2709
2836	Cassaretto	Owner	2500
2837	Schumacher	Wesendunk	3400
2838	Whitcomb	MacDonald	25000
2839	Anderson	Owner	15000
2840	Brown	Owner	6000
2841	Brown	Owner	12000
2842	Born	Born	12000
2843	Heskins	Giburn	1000
2844	Wallace	Nelson	15475
2845	Grossman	Owner	2000
2846	Grovanoni	Phillips	2500
2847	Mann	Owner	2500
2848	Clarkmille	Leigh	5000
2849	O'Brien	Moller	12082
2850	Bollman	Capill	3500
2851	O'Mara	Owner	3000
2852	Macara	Merritt	3000
2853	Bronson	Owner	9000
2854	Young	Owner	75000
2855	Kline	Owner	2000
2856	O'Brien	Owner	4700
2857	Chige	Owner	4500
2858	Petter	Cinton	75000
2859	Pazzi	Sharnen	8000
2860	Peeley	Jensen	105000
2861	Uter	Owner	1000
2862	Clark	Vukcevic	27500
2863	St. Francis	Allen	7000
2864	Schmidt	Owner	3000
2865	Westlund	Storheim	6000
2866	Jackson	Mullen	2700
2867	Norris	Owner	12000
2868	Schell	Owner	15000
2869	Mahan	Smith	3343
2870	Murgraff	Loran	3300
2871	Ingliside	Owner	5000
2872	Williams	Williams	8000
2873	Thomas	Owner	2000
2874	O'Brien	Finnigan	8900
2875	General	Wagner	35000
2876	Lewis	Owner	2000
2877	Harrington	Owner	2000
2878	Same	Same	2000
2879	King	Brady	710
2880	Steiger	Meyer	4500
2881	Driffin	Meyer	4500
2882	Hawthorne	Meyer	4500
2883	Hewitt	Meyer	4500
2884	Young	Kelly	6500
2885	Perley	Mission	7500
2886	Axford	Meinberger	8500
2887	Laherty	Meinberger	8500
2888	Ferroggiaro	Pasqualetti	45000
2889	Epp	Owner	6500
2890	Boss	Owner	35000
2891	Paradio	Carnio	3000
2892	Loupe	Owner	2000
2893	Dempniak	Owner	1350
2894	Winn	Mitchell	2500
2895	Berg	Britt	16472
2896	Moore	Little	8886

ALTERATIONS

(2895) NO. 4715 CALIFORNIA. Move dwelling to rear; raise and alter three rooms and alter for private garage.
Owner—E. H. Sherman, Fremises.
Designer—Isaac Swert, 1264 6th Ave., San Francisco.
Contractor—Isaac Swert, 1264 6th Ave., San Francisco \$27,000

MACHINE SHOP

(2896) SE FOLSON AND DOCK. Cast-iron concrete machine shop.
Owner—Jno. Cassaretto, 347 Berry St., San Francisco.
Architect—Martin Sheldon, 110 Sutter St., San Francisco \$25,000

STORE

(2897) E MISSION 60 S Virginia Ave. One-story frame store.
Owner—Wm. Schumacher, -- Kingston Ave., San Francisco.
Architect—A. A. Wesendunk, 147 Dolores St., San Francisco.
Contractor—A. A. Wesendunk, 1747 Dolores St. S. F. \$3400

ADDITIONS

(2898) NO. 1231 MARKET. Additions to hotel.
Owner—Whitcomb Hotel Co., James Ots, Trustee, Fremises.
Architect—Geo. Rushforth, 354 Pine St., San Francisco.
Contractor—MacDonald & Kahn, 120 Montgomery St., San Francisco. \$250,000

PLANING MILL

(2899) E QUINT bet. Burke and Custer Aves. Two-story frame planing mill.
Owner—Anderson Bros. Planing Mill & Mfg. Co., 2399 Powell St. S. F.
Architect—None \$15,000

DWELLINGS

(2900) W THIRTY-SEVENTH AVE bet. 325 and 350 S Irving. Two one-story and basement frame dwellings.
Owner—Ward C. Brown, 2945 Harrison St., San Francisco.
Architect—None \$2000 each

DWELLINGS

(2901) W THIRTY-EIGHTH AVE bet. 175, 200 and 225 S Irving. Four 1-story and basement frame dwellings.
Owner—Ward C. Brown, 2945 Harrison St., San Francisco.
Architect—None \$3000 each

RESIDENCE

(2902) W SANTA CLARA AVE bet. 4 S San Anselmo. Two-story and basement frame residence.
Owner—S. A. Fory, 660 Market St., San Francisco.
Architect—None.
Contractor—S. A. Fory Bldg. Co., 650 Market St., San Francisco. \$12,900

ALTERATIONS

(2903) NO. 455 ELLIS. Alter store front.
Owner—B. Heskins, 738 Market St., San Francisco.
Architect—None.
Contractor—Ira W. Colburn, Hearst Bldg., San Francisco. \$1900

FLATS

(2904) N GREEN 162-6 F Webster 25 bet. 6. All work except finish hardware, light fixtures and window shades for two-story and basement frame flat building.
Owner—Robert Wallace Jr., 1227 7th Ave., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—E. K. Nelson, 77 O'Farrell St., San Francisco.

Filed Oct. 27, '22. Dated Oct. 25, '22.
2nd floor joists set.....\$2864
Ready for plaster.....2864
White coated.....2861
Completed and accepted.....2864
Total 35 days.....\$13,475

Bond, \$7758. Sureties, E. A. Anderson and W. H. Seiph. Limit, 75 days. Forfeit, none. Plans and specifications filed.

DWELLING

(2905) W CURTIS 25 N Morse. One-story and basement frame dwlg.
Owner—W. E. Grosman, 447 London St., San Francisco.
Architect—None. \$2000

ALTERATIONS

(2906) NO. 611 GREEN. Alter store front; cement flooring.
Owner—Mr. Giovanoni, 501 Columbus Ave., San Francisco.
Architect—None.
Contractor—C. Phillips, 1527 Powell St., San Francisco. \$1500

DWELLING

(2907) S REVERE AVE 160 W Jennings. Two-story and basement frame dwelling.
Owner—Stephen Mann, 1379 Revere Ave., San Francisco.
Designer—E. Engel, 139 Drumm St., San Francisco. \$2500

DWELLING

(2908) W THIRTY-FOURTH AVE 30 S Cabrillo. Two-story and basement frame dwelling.
Owner—P. S. Clargmille, 840 44th Ave., San Francisco.
Architect—None.
Contractor—David Leigh, 340 41th Ave., San Francisco. \$5000

STORE BLDG.

(2909) NW MISSION 275 NE Sixth NW 90XNE 25. All work for two-story and basement Class C store bldg.
Owner—Smith O'Brien & C. B. Hobson, 742 Market St., San Francisco.
Architect—Smith O'Brien, 712 Market St., San Francisco.

Contractor—Fred Moller, 150 Jessie St., San Francisco.
Filed Oct. 28, '22. Dated Oct. 26, '22.
On list of each month.....75%
Usual 35 days.....35%

TOTAL COST, \$12,982
Bond, \$6041. Sureties, F. K. McComber and R. W. Moller. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(2910) SW BRANNAN AND FOURTH. Change location of 4 toilets and install 5 new toilets; remove showers, re-arrange partitions, etc. for factory.
Owner—The John Bollman Co., 3rd and Brannan Sts., San Francisco.
Architect—Weeks & Day, California Insurance Bldg., San Francisco.
Contractor—Cahill Bros., 110 Sutter St., San Francisco. \$3500

PLUMBING SHOP

(2911) N CLARA 150 W Fifth. One-story frame plumbing shop.
Owner—J. E. O'Mara, 443 Minna St., San Francisco.
Architect—H. C. Laumann, 251 Kearny St., San Francisco. \$3000

ALTERATIONS

(2912) NO. 200 DIVISADERO. Alter for (2) flats.
Owner—John Macarati, 416 Duboce Ave., San Francisco.
Architect—None.
Contractor—Geo. M. Merritt Bldg. Co., 3014 Geary St., S. F. \$3000

FLATS

(2913) W EIGHTEENTH AVE 125 N Fulton. Two-story and basement frame (2) flats.

Owner—A. F. Bronson, 2415 Polson St., San Francisco.
 Architect—Edw. E. Young, 251 Kearny St., San Francisco. \$9000

GYMNASIUM
 (3914) N OAK 247-6 W Van Ness Ave. Four-story reinforced concrete gymnasium.
 Owner—Young Men's Institute Hall Association, 527 Chronicle Bldg., San Francisco.
 Architect—Shea & Shea, 527 Chronicle Bldg., San Francisco. \$75,000

STORAGE ROOMS
 (3915) N STEVENSON 275 W Sixth. One-story reinforced concrete storage rooms.
 Owner—Hulda Kline, 1041 Market St., San Francisco.
 Architect—A. H. Knoll, 1023 Hearst Bldg., San Francisco. \$2000

DWELLING
 (3916) W TWENTY-FOURTH AVE 209 S Cabrillo. One-story and basement frame dwelling.
 Owner—C'Brien Bros., 928 Oak St., San Francisco.
 Architect—John J. Foley, 770 5th Ave., San Francisco. \$4700

ALTERATIONS
 (3917) SE WALLER AND SHRAEDER. Re-model 2 flats into 4 apartments.
 Owner—T. Chige, 1657 Waller St., San Francisco.
 Architect—None. \$4500

WAREHOUSE
 (3918) W SECOND 261-3 S Brannan. Five-story concrete warehouse.
 Owner—J. Sheldon Potter, 315 Montgomery St., San Francisco.
 Architect—H. C. Baumann, 251 Kearny St., San Francisco.
 Contractor—Clinton Constr. Co., 923 Folsom St., San Francisco. \$75,000

FRAME FLATS
 (3919) E STANYAN 30 N Alma. All work for frame flats.
 Owner—Leo S. Fazzi, Stanyan St. near Alma, San Francisco.
 Architect—None
 Contractor—T. L. Sharman, 1416 Shafter Ave., San Francisco.
 Filed Oct. 30, '22. Dated Oct. 26, '22.
 Frame up \$2000
 Brown coated 2003
 Completed and accepted 2000
 36 days after 2009
TOTAL COST, \$8000
 Bond, \$2000. Surety, A. Bothe Howes Lumber Co. Limit, 30 days. Forfeit, \$5. Plans and specifications filed.

(3920) S GEARY 137-6 E Leavenworth E 36-3X5 137-6. All work for five-story reinforced concrete building.
 Owner—Dr. Matilda A. Feeley, 1945 Sutter St., San Francisco.
 Architect—E. H. Jenke, 1217 Hyde St. San Francisco.
 Contractor—G. P. W. Jensen, 520 Market St., San Francisco.
 Filed Oct. 30, '22. Dated Oct. 26, '22.
 2nd floor joists set \$843.50
 Rafters set 843.50
 Partitions set, heating, plumbing and electrical work roughed in 15687.03
 Plastering completed 15687.00
 Completed and accepted 15687.00
 Usual 45 days 26522.00
TOTAL COST, \$105,000.
 Bond, \$52,500. Sureties, John A. Grennan and Geo. W. Hooper. Limit, 165 days. Forfeit, \$15; bonus, \$15. Plans and specifications filed.

STOLES
 (3921) W MISSION 40 S Twenty-second. One-story and basement reinforced concrete stores.
 Owner—Clark Estate Co., 1st National Bank Bldg., San Francisco.

Architect—B. J. Joseph, 522 New Call Bldg., San Francisco.
 Contractor—Vukleovich & Bagge, 180 Jessie St., San Francisco. \$27,500

RESIDENCE
 (3922) W SANTA PAULA AVE 133 S Portola Drive. One-story and basement frame residence.
 Owner—St. Francis Home Bldg. Co., 76 Architect.
 Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
 Contractor—Allen & Co., 168 Sutter St., San Francisco. \$7000

DWELLING
 (3923) S SEVENTEENTH 211 AND 236 W Ord. Two one-story and basement frame dwelling.
 Owner—John C. Schmidt, 1545 Treat Ave., San Francisco.
 Architect—None. \$1500 each

FLATS
 (3924) E TWENTY-FIFTH AVE 259 S California. Two-story and basement frame (2) flats.
 Owner—E. E. Westerlund, 589 25th Ave., San Francisco.
 Architect—None.
 Contractor—M. P. Storheim, 201 Caselli Ave., San Francisco. \$6000

ALTERATIONS
 (3925) — TENTH AVE & CLEMENT. Construct new store front.
 Owner—G. B. Johnson, Premises.
 Architect—J. H. Powers and J. H. Ahndor, 469 Montgomery St., S. P.
 Contractor—Mullen Mfg. Co., 64 Rausch St., San Francisco. \$2700

DWELLINGS
 (3926) W ELEVENTH AVE 200, 225, and 250 N Cabrillo. Three one-story and basement frame dwellings.
 Owner—A. T. Morris, 602 9th Ave., San Francisco.
 Architect—None. \$4000 each

MFG. PLANT.
 (3927) S BRYANT 76-3 E Third. Two-story brick light manufacturing plant.
 Owner—Samuel Schell, 180 Jessie St., San Francisco.
 Architect—None. \$15,000

DWELLING
 (3928) E EDINBURGH 275 S Avalon S 25xK 100. All work for five-room house and basement building.
 Owner—Alma M. Mahan, 107 14th Ave., San Francisco.
 Architect—Martin Smith, 114 Girard St., San Francisco.
 Contractor—Martin Smith, 114 Girard St., San Francisco.
 Filed Oct. 31, '22. Dated Oct. —, '22.
 Rough frame up \$835
 Brown coated 835
 Completed 835
 Usual 35 days 835
TOTAL COST, \$3340
 Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

DWELLING
 (3929) W TWENTY-SEVENTH AVE 185 N Cabrillo. All work for five-room and basement frame dwelling.
 Owner—A. P. Markgraf.
 Architect—None.
 Contractor—Harry Moran.
 Filed Oct. 31, '22. Dated Apr. 19, '22.
 Frame up \$825
 Brown coated 825
 Finished 825
 Usual 35 days 825
TOTAL COST, \$3300
 Bond, limit, forfeit, plans and specifications, none.

DWELLING
 NW DELANO AND OCEAN AVE. One-story and basement frame dwlg.
 Owner—Vittorio Taddel.
 Architect—A. W. Richardson, 2581 Mission St., San Francisco.
 Contractor—Emil Ichters. \$6000

DWELLING
 (3930) N BORTH 75 W Urbanan. One-story and basement frame dwlg.
 Owner—Ingleside Building Co., 57 Post St., San Francisco.
 Architect—S. Heiman, 57 Post St., San Francisco. \$5000

APARTMENTS
 (3931) S CORNWALL 62 W Fifth Ave. Two-story and basement frame (4) apartments.
 Owner—Geo. A. Williams, 105 Montgomery St., San Francisco.
 Architect—None.
 Contractor—Geo. A. Williams, 105 Montgomery St., S. P. \$8000

REPAIRS
 (3932) NO. 2828 FOLSOM. Repair fire damage to dwelling.
 Owner—A. D. Thomas, 2281 Filbert St., San Francisco.
 Architect—None. \$2000

FRAME FLATS
 (3933) E NOE 100 N Elizabeth. Two-story and basement frame (2) flats.
 Owner—Mrs. Julia O'Brien.
 Architect—None.
 Contractor—Finnigan & Mahoney. \$8900

FACTORY
 (3934) SAN BRUNO, RAILROAD AND Paul Aves. One-story concrete and frame paper box factory.
 Owner—General Mfg. Co., Pacific Bldg., San Francisco.
 Architect—W. W. Hanson, 348 Clayton St., San Francisco.
 Contractor—Geo. Wagner, 251 Kearny St., San Francisco. \$35,000

FRAME FLATS
 (3935) NW SEVENTEENTH AVE AND Albion. Two-story and basement frame (4) flats.
 Owner—Harry J. Lewis, 23 Lexington St., San Francisco.
 Designer—Thos. M. Jones, 3767 Army St., San Francisco. \$—

DWELLING
 (3936) W TWENTIETH AVE 225 S Moraga. One-story and basement frame dwelling.
 Owner—Bud Harrington, 491 Rolph St., San Francisco.
 Architect—None. \$2000

DWELLING
 (3937) W TWENTIETH AVE 200 S Moraga. One-story and basement frame dwelling.
 Owner—Bud Harrington, 491 Rolph St., San Francisco.
 Architect—None. \$2000

CEMENT WORK
 (3938) NO. 785 CASTRO. Cement floors in basement, foundation on north side and terrazzo steps for building.
 Owner—Pat and Elizabeth King, Prem.
 Architect—None.
 Contractor—John Brady and M. Lynch, 287 Moultrie St., San Francisco.
 Filed Nov. 1, '22. Dated Oct. 23, '22. **TOTAL COST, \$710**
 Bond, none. Limit, 20 days. Forfeit, plans and specifications, none.

COTTAGE
 (3939) W THIRTY-FIFTH AVE 20 S Geary. All work for six-room frame cottage.
 Owner—George J. Steiger Jr., Monadnock Bldg., San Francisco.
 Architect—None.
 Contractor—Meyer Bros., 5324 Geary St., San Francisco.
 Filed Nov. 1, '22. Dated Oct. 13, '22.
 Frame up \$1125
 Brown coated 1125
 Completed 1125
 Usual 35 days 1125
 Bond, none. Limit, 30 days. Forfeit, plans and specifications, none. **TOTAL COST, \$4500**

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded
Oct. 25, 1922—W. PILBERT 125 E Baker St. 25-9 N 36 54 W 15-10 N 106-6 W 72 S 120. Georgia Cross-emp to W W Rednahill. Oct. 26, 1922
Oct. 27, 1922—S BROSNAN 233 W Valencia 75x75. 14 Floor to Peter S. Walters. Western Plumbing Supply Co. H F Hackcamp and H Maundrell Co. Oct. 21, 1922
Oct. 27, 1922—S COLE 107-7 N Farnassus Ave N 45x E 100. A. F. Harrison to L A Hinson. Oct. 27, 1922
Oct. 27, 1922—LOT 3178 Westwood Park. Edward F Smith to whom it may concern. Oct. 27, 1922
Oct. 28, 1922—SE TWENTY-FOURTH Ave and Lake 57-6 on Lake by 100 on 94th Ave. Patrick J and Julia A Phelan to whom it may concern. Oct. 27, 1922
Oct. 28, 1922—W COMMONWEALTH Ave 405 S Euclid Ave S 40xW 120. Mrs Laisy Hamburger to J P Fraser, Thompson Co. Ira W Johnson and Frank J Klumpp. Oct. 21, 1922
Oct. 28, 1922—N MISCELLANEOUS 75 W Beale W 42-6XN 100. San Francisco Inv. Corp to Monson Bros. Oct. 26, 1922
Oct. 28, 1922—S CALIFORNIA 95 W 28th Ave W 25xS 100. Carrie V Dunn and Henry S Dunn to Strand & Strand. Oct. 27, 1922
Oct. 28, 1922—NE CALIFORNIA AND Second Ave. N J Nelson to whom it may concern. Oct. 27, 1922
Oct. 28, 1922—N CLAY 107 W Larkin way W 70x127-8 1/2. F E and Millicent Pearson to Kincaid & Pergeon. Oct. 27, 1922
Oct. 28, 1922—W EIGHTH AVE 150 S "N" Maria Aguerri to whom it may concern. Oct. 26, 1922
Oct. 30, 1922—E LONDON 115 S Excelsior 25x100 H E Uppenger and C J Reese to whom it may concern. Oct. 28, 1922
Oct. 30, 1922—S MERCHANT 68-9 E Kearny E 28-8xS 40. August R Oliva and Elmer J. Esperance to Vukievich & Bagge. Oct. 25, 1922
Oct. 30, 1922—S 8th RABMENTO 137-6 W Laguna W 68-4xS 127-8 1/2. John F Slabe to whom it may concern. Oct. 26, 1922
Oct. 30, 1922—W TWENTY-FIFTH Ave 275 S Faraval S 25xW 120. Arvid J Erickson to whom it may concern. Oct. 28, 1922
Oct. 30, 1922—LOT 15 BLK 3199. Westwood Park. Walter E Hansen to whom it may concern. Oct. 30, 1922
Oct. 30, 1922—NE WASHINGTON 70 & Couch N 139-4x E 136. Jrs L Stewart to Monson Bros. Oct. 20, 1922
Oct. 30, 1922—SE NATOMA 175 NE Fourth NE 75 SE 60 SW 50 NW 10 NW 80. The Fernald Co to Atlas Concrete Co. Oct. 10, 1922
Oct. 30, 1922—S McALLISTER 78 E Webster E 59-6x E 137-6 J and A G Schenck to J Spence. Oct. 27, 1922
Oct. 30, 1922—W THIRTY-THIRD Ave 92 N Fulton N 32 W 120 S 25 E 30 B 7 S 25 10. J F Dowling and S F Johnson to whom it may concern. Oct. 28, 1922
Oct. 31, 1922—N BRYANT 290-8 W Second W 35-10xN 80. Louis R Barre to Vukievich & Bagge. Oct. 21, 1922
Oct. 31, 1922—SW TRINITY & BUSH W 30xS 68-9. A F Rousseau to whom it may concern. Oct. 31, 1922
Oct. 31, 1922—NO. 57 OLIVER ST. James P and Edith M Carroll to James Low. Oct. 23, 1922
Oct. 31, 1922—NW EDINBURGH 225 S W Euclid Ave SW 25xN 100. Henry Ouenthai to Martin Smith. Oct. 19, 1922
Oct. 31, 1922—N TWENTY-EIGHTH 200 W Guerrero W 25 N 122 E 15 S 1 E 4 S 7 E 6 S 114. Helen C and Calvin R Suttell to whom it

Contractor—G. B. Pasqualetti, 746 Union St., S. F. \$45,000

FLATS

(3948) S GEARY 32-6 E Twelfth Ave. Three-story and basement frame store and (2) flats.
Owner—L. Epp, 769 9th Ave., San Francisco
Architect—None. \$6500

FLATS

(3949) E VAN NESS AVE 117-9 and 151-6 N Filbert. Two two-story frame (4) flats (4 in each bldg).
Owner—Boss & Hill, 1120 Market St., San Francisco.
Architect—Edward E. Young, 251 Kearny St., San Francisco. \$17,500 ea.

RESIDENCE

(3950) W SAN BRUNO 100 N Woolsey One-story and basement frame residence.
Owner—Giacomes Paradi, 15 Carl St., San Francisco.
Architect—None.
Contractor—L. M. Carusio, 5345 Geary St., San Francisco. \$3000

ELEVATOR

(3951) N MISSION 108 W First. Install freight elevator in lofts.
Owner—Lester G. Loupe, 125 Sutter St., San Francisco.
Architect—S. Helman, 57 Post St., San Francisco. \$2000

ALTERATIONS

(3952) NO. 921, 929, 933 LINCOLN Way. Alter for basement garages, cement flooring, etc.
Owner—John Demphlak, 3064 Sacramento St., San Francisco.
Architect—None. \$1350

ALTERATIONS

(3953) W VERMONT 150 N Twenty-fifth. Move and make general alterations and repairs for apartments.
Owner—F. L. Winn, 1360 Vermont St., San Francisco.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S. F. \$2500
Architect—None.

RESIDENCE

(3954) S JACKSON 68-9 W Lyons N 127-8 1/2 NW34-4 1/2. All work except electric work, painting, plumbing and heating for two-story and basement residence.
Owner—S. F. Berg, 2801 Jackson St., San Francisco.
Architect—Sam Lightner Hyman, Foxcroft Bldg., San Francisco.
Contractor—O. W. Britt, 1257 Arguello
Filed Nov. 2, '22. Dated Sept. 26, '22.
On 5th of each month payment of money paid out
Usual 25 days Balance
MAXIMUM COST, \$16,572 and \$1000 extra to contractor.
Bond, none. Limit, 95 days from Oct. 9. Forfeit, none. Plans and specifications filed.

FRAME BLDG.

(3955) E NINETEENTH AVE 100 S California S 25x E 120. All work except concrete and cement work for two-story and basement frame building.
Owner—Jas. K. and Mary Moore, 218 19th Ave., San Francisco.
Architect—None.
Contractor—John Little & Son, 1035 Lincoln Way, San Francisco.
Filed Nov. 2, '22. Dated Nov. 1, '22.
Frame up \$2474
Brown coated 2474
Completed and accepted 2474
Usual 35 days 2474
TOTAL COST, \$9898
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COTTAGE

(3940) W THIRTY-FIFTH AVE 300 S Geary. All work for six-room frame cottage.
Owner—T. J. Draffin.
Architect—None.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.
Filed Nov. 1, '22. Dated Oct. 13, '22.
Frame up \$1125
Brown coated 1125
Completed 1125
Usual 35 days 1125
TOTAL COST, \$4500
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE

(3941) W THIRTY-FIFTH AVE 325 S Geary. All work for six-room frame cottage.
Owner—Charles M. Hawthorne, 293 4th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.
Filed Nov. 1, '22. Dated Oct. 13, '22.
Frame up \$1125
Brown coated 1125
Completed 1125
Usual 35 days 1125
TOTAL COST, \$4500
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE

(3942) W THIRTY-FIFTH AVE 275 S Geary. All work for six-room frame cottage.
Owner—Ruby Hewitt, 5600 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.
Filed Nov. 1, '22. Dated Oct. 13, '22.
Frame up \$1125
Brown coated 1125
Completed 1125
Usual 35 days 1125
TOTAL COST, \$4500
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

RESIDENCE

(3943) E CASTENADA DRIVE 200 S Magellan. Two-story and basement frame residence.
Owner—Ralph & Gladys Young, 251 Post St., San Francisco.
Designer—Tay F. Coyle, 251 Post St., San Francisco.
Contractor—R. H. Kelly, 55 Grattan St., San Francisco. \$6500

GARAGE

(3944) N FOURTEENTH 80 E Mission One-story concrete private garage.
Owner—A. E. Perley, 240 Dolores St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Mission Concrete Co., 251 Kearny St., S. F. \$7500

FRAME FLATS

(3945) N GROVE 106-3 E Clayton. Two-story and basement frame (2) flats.
Owner—Allen C. Axford, 876 Treat Ave., San Francisco.
Architect—None.
Contractor—H. S. Meinberger, 5720 California St., S. F. \$9500

FLATS

(3946) N GROVE 156-3 E Clayton. Two story and basement frame (2) flats.
Owner—Miss Agnes Laherty, 155 Ashbury St., San Francisco.
Architect—None.
Contractor—H. S. Meinberger, 5720 California St., S. F. \$9500

APARTMENTS

(3947) N GEARY 137-6 W Larkin. Six-story and basement reinforced concrete (30) apartments.
Owner—A. J. Ferroggiaro, 584 Vallejo St., San Francisco.
Engineers—Woodman & Wethered, 755 Mission St., San Francisco.

may concern.....	Oct. 20, 1922
Oct. 31, 1922—W THIRTY-SIXTH AV	
75 S Fallon S 25x35, S. Joseph	
Brown to whom it may concern.....	
Nov. 1, 1922—W TWENTY-THIRD	
Ave. 200 N Irving N 25x50, J. H.	
Alexander and Rose H McDaniel	
to Fred Warden.....	Oct. 31, 1922
Nov. 1, 1922—E FOURTEENTH AVE	
150 N Kirkham N 25x8 120, Adam	
Ruppel to Charles and Christian	
Andersen.....	Oct. 31, 1922
Nov. 1, 1922—E FIFTEENTH AVE	
168 S Anza S 18x8 127-6, Gustave	
Peterson to Elmer Carter.....	
Nov. 1, 1922—NO. 135 RIFENA VISTA	
Ave. Edith L Williams to W J	
Stevens.....	Oct. 20, 1922
Nov. 1, 1922—NO. 5 ADELAIDE ST.	
J B Gay to Wm A Rainey.....	
Oct. 30, 1922	
Nov. 1, 1922—NW PINE AND MONT	
gomery N 125xW 138, Commercial	
Union Assurance Co, Ltd to Thos	
Day.....	Oct. 25, 1922
Nov. 1, 1922—N GREEN 59 E Baker	
E 27-6XN 87-6; NE Green and	
Baker E 59xN 80, Bruce Pair to	
Central Iron Works.....	Oct. 31, 1922
Oct. 31, 1922—S HOWARD 400 W 5th	
W 75 S 80 E 26 S 80 to N Tehama	
E 50 N 160 to beg. Louis R Lurie	
to J Martinelli.....	Oct. 31, 1922
Nov. 2, 1922—W DIVISADERO 90-6	
S O'Farrell S 23-6XW 193 Nate	
S O'Farrell S 23-6XW 193 Nate	
Levy to Frank Davison.....	Oct. 28, 1922
Nov. 2, 1922—S FALLON PLACE 80-	
63 E Taylor E 64-6X8 50, Abel	
Alberigl to H L Petersen.....	
August 28, 1922	
Nov. 2, 1922—W DIVISADERO 90-6 S	
O'Farrell S 23-6XW 193, Nate Levy	
to Arthur Elvin.....	Oct. 28, 1922
Nov. 2, 1922—LOT 13 Presidio Ter	
race, Rose H Frederick to H C	
Lewis & Co.....	Oct. 28, 1922
Nov. 2, 1922—S GEARY 56 W Shan	
non W 45-11 S 112-6 E 101-11	
50 W 56 N 62-6, Oscar H Curtaz	
to whom it may concern.....	Nov. 2, 1922
Nov. 2, 1922—N TARAVAL 25 W	
Thirty-sixth Ave W 35-8XN 90,	
Oto Schimmel to The Peerless	
Constr Co.....	Nov. 2, 1922
Nov. 2, 1922—NE YOSEMITE AVE	
200 NW Lane NW 25xNE 100, Vito	
Perino to whom it may concern.....	
October 1, 1922	
Nov. 2, 1922—E ELEVENTH AVE	
277 N Cabrillo N 23x120, H O	
Lindeman to W H Lindeman.....	Nov. 2, 1922
Nov. 2, 1922—N BRYANT AND	
Sterling, Magnolia Metal Co to	
Fred Moller.....	Oct. 23, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
Oct. 27, 1922—LOT 11 BLK 6, St.	
Francis Wood Extn No. 1, Joost	
Bros, Inc vs Homes Loan Corp and	
Unit Constr Co.....	\$183.20
Oct. 27, 1922—SW POST & FRANK-	
lin W 137-6XN 137-6, Jos Lail Jr	
vs Ernest L Hucter, Jack Crick	
and The West Coast Automotive	
Clearance House.....	\$915
Oct. 27, 1922—W TWENTY-FIFTH	
Ave 200 N Cabrillo N 25xW 120,	
Knight Roofing Co vs Jos O Maxon	
and Morrison & Knaibenshuh.....	\$60
Oct. 27, 1922—W TWENTY-FIFTH	
Ave 225 N Cabrillo N 25xW 120,	
Knight Roofing Co vs Eranand	
van Hebesen and Morrison &	
Knaibenshuh.....	\$70
Nov. 1, 1922—LOT 11 BLK 6, St.	
Francis Wood Extn No. 1, Vin-	
cent Whitney Co vs Homes Loan	
Corp.....	\$94.50

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
Oct. 31, 1922—N BRANNAN 100 E	
Eight E 175-6XN 275, Julius	
Lohse to National Carbon Co and	
Hannah Bros.....	
Oct. 31, 1922—N BRANNAN 100 E	
Eight E 175xN 275, A J Oliver,	
Tr Estate Maurice Dillon Bkpt. to	
National Carbon Co, Inc, Hannah	
Bros and Peely Tibbitts Constr	
Co.....	
Oct. 30, 1922—NW EIGHTH AND	
Ergebn NE 275xSW 275 No. 599	
Eight Felix Gless to National	
Carbon Co, Hannah Bros and	
Maurice Dillon.....	

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Oct. 31, 1922—E VALENCIA 50 S	
Clinton Park S 90xNE 180, Foster	
& Kleiser Co as to improvements	
on property.....	

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
4654	Berkeley	Owner	2500
4655	Rogers	Rogers	2000
4656	Picerson	Nelson	5000
4657	Grainger	Nelson	5500
4658	Wheeler	Cushman	2500
4659	Lyons	Smith	2700
4660	Same	Same	3700
4661	Grafe	Sharp	3875
4662	Callahan	Leguill	3350
4663	Little	Brooks	1000
4664	Sinai	Narbett	16000
4665	Purminsham	Owner	2250
4666	Iheson	Martin	3000
4667	Meyer	Meyer	5000
4668	Hillen	Owner	10000
4669	Seiger	Owner	6000
4670	Davidson	Thaxter	2700
4671	Same	Same	3000
4672	Kinney	Owner	8500
4673	Anderson	Owner	2000
4674	Korddecker	Owner	2500
4675	Prat	Owner	2500
4676	Delament	Frazier	6000
4677	Baldwin	Tullock	4500
4678	Fink	Owner	1000
4679	Nichols	Owner	4000
4680	Stone	Woolley	4400
4681	Anbertin	Owner	4000
4682	Greves	Christensen	3500
4683	Littleton	Pfrrang	4400
4684	Kreiger	Owner	4500
4685	Freeland	Gibb	3000
4687	Ogle	East Bay	35000
4688	Wolcott	McMany	2400
4689	MacGregor	Owner	365
4690	Same	Same	7300
4691	Oakland	Walker	32000
4692	Meyer	Owner	4000
4693	Hudson	Owner	2000
4694	Page	Owner	3000
4695	Brennar	Stanley	9000
4696	Hudson	Owner	2000
4697	Page	Owner	6000
4698	McDade	Owner	4000
4699	Oakland	Olson	11444
4700	Merlinjone	Danggaard	4000
4701	Nel	Johnson	7000
4702	Van Horn	Owner	3000
4703	Petersen	Owner	2500
4704	P G E	Yager	1842
4705	Foulkes	Gede	4650
4706	Folger	Henderson	7000
4707	Allen	Parker	11755
4708	Dowell	Owner	8500
4709	Scammlin	Owner	5000
4710	Se nmarstrom	Owner	5500
4711	Lamont	Owner	5000
4712	Benzon	Owner	4000
4713	Norris	Owner	10200
4714	Goodmudson	Stewart	5500
4715	Myers	Owner	5000

4716	Applenton	Owner	5100
4717	Lesure	Owner	4800
4718	Griesemer	Owner	6000
4719	Hogan	Jensen	2185
4720	Gredin	Owner	4000
4721	Miller	Owner	1500
4722	Korms	Patrick	2300
4723	Healy	Owner	3000
4724	Barnard	Owner	3500
4725	Helm	Owner	3500
4726	Bent	Bent	3000
4727	Libforth	Wainer	9700
4728	Scheylin	Malmstrom	3000
4729	Shaw	Wobbold	1500
4730	Koenig	Owner	3000
4731	Barritt	Owner	3000
4732	Same	Owner	4000
4733	Tallman	Owner	1500
4734	Erickson	Owner	4000
4735	Evers	Street	2575
4736	Morrill	Calif	13500
4737	Helm	Calif	13500
4738	Aranson	Calif	13500
4739	Kendall	Calif	27000
4740	Nelson	Calif	7000
4741	O'Brien	Owner	4000
4742	Turrito	Bertoldi	2500
4743	Furiong	Owner	10000
4744	Irwin	Lassen	5100
4745	Van Vliet	Owner	3000
4746	Pacific	Muller	8500
4747	Pesander	Calif	13000
4748	Miles	Maderos	1500
4749	Montgomery	Owner	3000
4750	Morgensen	Owner	12000
4751	Vanderbye	Oakley	4000
4752	Barnard	Frederickson	5750
4753	P G & E	Yager	1257
4754	Heman	McGinity	52138
4755	Fox	Fox	2200
4756	Zurigen	Hendrickson	4000
4757	Porter	Bethroad	4500
4758	Welch	Owner	2500
4759	Mattfeldt	Nelson	1500
4760	Wech	Knight	1500
4761	Petersen	Van Ness	1500
4762	Howe	Sigwald	2900
4763	Rowe	Rich	10000
4764	Beach	Knight	1400
4765	Anderson	Owner	3800
4766	Griffith	Owner	2350
4767	Corkett	Hambleton	6750
4768	Dye	Vaughn	4800
4769	Falen	Owner	6500
4770	Gray	Long	8000
4771	Kelsey	Nordstrom	7500
4772	Pringle	Long	7000
4773	Atwood	Marion	1600
4774	Campbell	Fullerton	2500
4775	Putnam	Graham	3100
4776	Lamb	Meyer	1000
4777	Sims	Owner	3000
4778	Mather	Owner	4500
4779	Almond	Owner	2000
4780	Marshall	Owner	4000
4781	Rankin	Owner	3250
4782	Cannella	Stewart	2850
4783	Milla	Perry	4000
4784	Noonan	Owner	7000
4785	Anderson	Owner	3500
4786	Anderson	MacKerlicher	3000
4787	Hinch	Owner	3000
4788	Marshall	Owner	2500
4789	Ristenpart	Price	7000
4790	Hebard	Anderson	4700
4791	Kelsey	Nordstrom	7500

DWELLING
(4654) NO. 718 NEILSON, Berkeley.
One-story 5-room dwelling.
Owner—Berkeley Bldg. Co., Solano &
Colita Sts., Berkeley
Architect—None. \$2500

DWELLING
(4655) E ADELINE 100 N Twenty-
sixth, Oakland. One-story 4-room
dwelling.
Owner—Rogers & Martin, 560 22nd St.,
Oakland.
Architect—None.
Contractor—Frank M. Rogers, 876 35th
St., Oakland. \$2000

DWELLING
(4656) N BARROWS ROAD, 50 W
Creed Road, Oakland. One-story 6-
room dwelling.
Owner—T. W. Pierson, 2113-A Dela-
ware St., Oakland.

Architect—None.
Contractor—A. E. Nelson, 2634 Highland Ave., Oakland \$5100

DWELLING
(4657) NW BARROWS AND REED
Roads, Oakland. One-story 7-room
dwelling.

Owner—L. L. Granger, 525 26th St., Oakland.

Architect—None.
Contractor—A. E. Nelson, 2634 Highland Ave., Oakland \$5500

DWELLING
(4658) N D ST. 375 W Jones, Oakland
One-story 1-room dwelling.
Owner—Charlotte Wheeler, 864 Ellis St., San Francisco.

Contractor—C. A. Cushman, 1675 35th Ave., Oakland \$2500

DWELLINGS
(4659) W EIGHTY-SECOND AVE. 80
and 120 N Birch, Oakland. Two 1-
story 4-room dwellings.

Owner—F. J. Lyman, 3751 Broadway, Oakland.

Architect—None.
Contractor—R. A. Smith, 3145 Adeline St., Oakland. \$1850 each

DWELLINGS
(4660) W EIGHTY-SECOND AVE. 80
and 120 S Plymouth, Oakland. Two
one-story 4-room dwellings.

Owner—F. J. Lyman, 3751 Broadway, Oakland.

Architect—None.
Contractor—R. A. Smith, 3145 Adeline St., Oakland. \$1850 each

DWELLING
(4661) S FORTY-SECOND ST. 250 W
Webster, Oakland. One-story 6-rm.
dwelling.

Owner—Miss Lydia Grafe, 1266 16th Ave., Oakland.

Architect—None.
Contractor—A. C. Sharp, 1327 E-28th St., Oakland. \$3875

DWELLING
(4662) 1159 FIFTY-FIFTH ST. Oak-
land. One-story 6-room dwelling.

Owner—P. Callahan, 1157 56th St., Okd.
Architect—None.
Contractor—O. Legault, 2005 Market St., Oakland. \$3350

ADDITION
(4663) 1033 FIFTY-NINTH ST., Oak-
land. Addition.

Owner—Mrs. M. Little.
Architect—None.
Contractor—J. W. Brooks, 5902 San Pablo, Oakland. \$1000

DWELLING
(4664) E GRAND AVE. 350 N Lake
Park, Oakland. Two story 12-room
dwelling.

Owner—Jos. Simai, 6th St., Oakland.
Architect—Narbett & O'Brien, Bacon Bldg., Oakland.
Contractor—Narbett & O'Brien, Bacon Bldg., Oakland. \$16,000

DWELLING
(4665) N GLENWOOD GLADE 375 E
Bdwy Terrace, Oakland. One-story
3-room dwelling.

Owner—Flora Birmingham, 3341 Bdwy., Oakland.
Architect—None. \$2250

DWELLING
(4666) W HAVENSCOURT BLVD. 470
N Arenal, Oakland. One-story 5-rm.
dwelling.

Owner—Chas. Doleson.
Architect—None.
Contractor—Martin & Eyslee, 416 4th St., Oakland. \$3000

STORES
(4667) S HOPKINS ST. 81 E-Sunset,
Oakland. One-story stores.

Owner—Katherine A. Meyer, 3216 Brookdale, Oakland.

Architect—None.
Contractor—Harry Meyer, 3216 Brookdale, Oakland

DWELLING
(4668) N W COR. KINGSLAND AND
Trask, Oakland. One-story 8-room
2-family dwelling.

Owner—R. C. Hillen, 6364 Trask St., Oakland.

Architect—None. \$10,000

DWELLING
(4669) E LINWOOD AVE. 320 N E-
35th St., Oakland. Two-story 9-rm.
dwelling.

Owner—Victor Sigge, Box 765, Oakland.
Architect—None. \$6000

DWELLING
(4670) W MIDVALE AVE. 45 N Hop-
kins, Oakland. One-story 4-room
dwelling.

Owner—J. A. Davidson, 260 E-12th St., Oakland.

Architect—None.
Contractor—T. W. Thaxler, 2117 Derby St., Berkeley. \$2700

DWELLING
(4671) W MIDVALE 85 N Hopkins,
Oakland. One-story 5-room dwlg.

Owner—J. A. Davidson, 260 E-12th St., Oakland.

Architect—None.
Contractor—F. W. Thaxter, 2117 Derby St., Berkeley. \$3000

DWELLING
(4672) S E COR. ROSEMONT RD. &
North Vale Ave., Oakland. 1½-story
7-room dwelling.

Owner—R. W. Kinney, 902 Franklin, Oakland.

Architect—Miller & Warnecke, 414 13th St., Oakland. \$8600

DWELING
(4673) W SIXTY-SECOND AVE. 78 N
Hayes, Oakland. One-story 4-room
dwelling.

Owner—A. T. Anderson, 9302 Birch St., Oakland.

Architect—None. \$2000

DWELLING
(4674) W THIRTY-FOURTH AVE. 160
N E-17th St., Oakland. One-story
5-room dwelling.

Owner—Joe Boeddeker, Jr., 1814 34th Ave., Oakland.

Architect—None.
Contractor—Joe Boeddeker, Sr. \$4200

DWELLING
(4675) N TWENTY-SEVENTH 190 E
West St. One-story 5-room dwlg.

Owner—J. Prat, 2079 Market St., S. F.

Architect—None. \$2500

DWELLING
S ROSAL AVE 110 W Lakeshore, Oak-
land. One-story 6-room dwlg.

Owner—Elizabeth Robertson, 415 28th St., Oakland.

Architect—None.
Contractor—Jos. Flittner, 1700 35th Ave., Oakland. \$6000

NOTE—Recd. contract report Oct. 17, 1932, No. 4653.

DWELLINGS
(4676) NW CAVOUR AND SHAFER;
N Cavour 34 W Shafter, Oakland.

Two one-story 5-room dwellings.
Owner—L. Deament, 401 Cavour St., Oakland.

Architect—None.
Contractor—Jas W. Erazier, 1912 Blake St. Berkeley. \$5000 each

DWELLING
(4677) N FOOTHILL BLVD 12 W Cole
Oakland. One-story 6-room dwlg.

Owner—C. H. Baldwin, 1921 E-21st St., Oakland.

Architect—None.

Contractor—H. Tullock, 7813 E-14th St., Oakland. \$500

ALTERATIONS
(4678) NG. 5564 MARSHALL ST., Oak-
land. Alterations.

Owner—Albert Fink.
Architect—None. \$1000

DWELLING
(4679) W NINTH AVE 120 N E-24th
St., Oakland. One-story 7-room
dwelling.

Owner—Clarence K. Nichols, 1833 Franklin St., Oakland.

Architect—None. \$4900

DWELLING
(4680) S ROCKBRIDGE BLVD. opp
Park Place, Oakland. One-story 5-
room dwelling.

Owner—Adele Stine.
Architect—None.

Contractor—R. F. Wooley, 707 Adams St., Albany. \$1400

DWELLING
(4681) W WESLEY 241 N Cleveland,
Oakland. One-story 5-room dwlg.

Owner—E. S. Anherlin, 585 Wesley Ave., Oakland.
Architect—None. \$4000

DWELLING
(4682) S WENTWORTH AVE 80 E
Fairfax, Oakland. One-story five-
room dwelling.

Owner—D. V. Greves, 1711 Bridge Ave., Oakland.

Architect—None.
Contractor—A. B. Christensen, 2855 Jackson St., Alameda. \$3500

ADDITION
(4683) NO. 1739 ALLSTON WAY, Ber-
keley. Addition.

Owner—J. P. Utter, 2214 Grant St., Berkeley.

Architect—None. \$1000

DWELLING
(4684) NO. 1751 CAPISTRANO ST.,
Berkeley. One-story 5-room dwlg.

Owner—Frances Littleton, 926 Laurel St., Alameda.

Architect—None.
Contractor—C. J. Pfingr, 480 Forest St., Oakland. \$4400

DWELLING
(4685) NO. 2316 KEITH AVE., Ber-
keley. Two-story 6-room dwlg.

Owner—C. J. Kreiger, 2320 Harper St., Berkeley.

Architect—None. \$4500

DWELLING
(4686) NO. 86 SHASTA ST., Berkeley.
Two-story 7-room dwelling.

Owner—Miss Helen Freeland, 2711 Vir-
ginia St., Berkeley.

Architect—None.
Contractor—A. S. Gibb, 82 Shasta St., Berkeley. \$3000

FLATS
(4687) NO. 2100 VIRGINIA ST., Ber-
keley. Ten one-story 3-room flats.

Owner—E. G. Ogil, 2033 Virginia St., Berkeley.

Architect—None.
Contractor—East Bay Planners, 306 14th St., Oakland. \$3500 each

ADDITION
(4688) NO. 2501 WEBSTER ST., Ber-
keley. Addition.

Owner—Mary Wolcott, Premises.

Architect—None.
Contractor—A. J. McNary, 824 7th St., Berkeley. \$2000

DWELLING
(4689) W BARTLETT 666 N Brook-
dale, Oakland. One-story 6-room
dwelling.

Owner—C. M. MacGregor, 470 13th St., Oakland.

Architect—None. \$3650

Owner—A. F. Benson.
Architect—None. \$4000

DWELLINGS
(4713) NO. 416 AND 420 LINDA AVE., Piedmont. Two one-story 6-room dwellings.
Owner—Jurtus Norris, 423 Hill Lane, Oakland.
Architect—None. \$5100 each

DWELLING
(4714) NO. 104 MORAGA AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—A. K. Goodmundson, 2110 San Pablo Ave., Oakland.
Architect—None.
Contractor—R. Stewart, 427 Perkins St., Oakland. \$5500

DWELLING
(4775) NO. 220 MORAGA AVE., Piedmont. One-story 5-room dwelling.
Owner—R. W. Myers, 3215 Claremont, Berkeley.
Architect—None. \$5900

DWELLING
(4716) NO. 137 MONTECELLO AVE., Piedmont. Two-story 6-room dwlg.
Owner—W. G. Appleton, 1821 Calalina St., Berkeley.
Architect—None. \$5100

DWELLING
(4717) NO. 169 RONADA AVE., Piedmont. One-story 5-room dwlg.
Owner—E. T. Lesure, 14 Bridge Road, Berkeley.
Architect—None. \$4800

DWELLING
(4718) NO. 3200 FAIRVIEW AVE., Alameda. Seven-room dwelling.
Owner—Lulu M. Griesemer, 1509 Broadway, Alameda.
Architect—None.
Contractor—G. W. Owens, 1195 Santa Clara Ave., Alameda. \$6000

DWELLING
(4719) NO. 537 PALACE COURT, Alameda. One-story 3-room dwlg.
Owner—F. G. Hogan.
Architect—None.
Contractors—Jensen & Peterson, 3417 Adeline St., Oakland. \$2385

DWELLING
(4720) NO. 2859 SANTA CLARA AVE., Alameda. One-story 6-room dwlg.
Owner—J. J. Grodin, 2901 Santa Clara Ave., Alameda.
Architect—None. \$4000

DWELLING
(4721) NO. 1601 BELVEDERE, Berkeley. One-story 4-room dwelling.
Owner—C. W. Miller, 1608 Belvedere St., Berkeley.
Architect—None. \$1500

ALTERATIONS
(4722) NO. 2221 BLAKE ST., Berkeley. Alterations.
Owner—F. W. Koims, 2219 Blake St., Berkeley.
Architect—None.
Contractor—H. G. Patrick, 1002 Ordway St., Berkeley. \$2900

DWELLING
(4723) NO. 1330 GARRISON ST., Berkeley. One-story 5-room dwlg.
Owner—F. J. Healy, 39 Nace Ave., Piedmont.
Architect—None. \$3000

DWELLING
(4724) NO. 850 SANTA BARBARA RD., Berkeley. One-story 6-room dwlg.
Owner—C. S. Barnard, 2312-B Frinco St., Berkeley.
Architect—None. \$3300

DWELLING
(4725) NO. 1715 SACRAMENTO ST., Berkeley. One-story 5-room dwlg.
Owner—D. L. Heim, 2743 Fulton St., Berkeley.
Architect—None. \$3200

DWELLING
(4702) NW SEVENTY-THIRD AVE & Highland, Oakland. One-story 5-room dwelling.
Owner—D. W. Van Horn, 5255 Mantia St., Oakland.
Architect—None. \$3000

DWELLING
(4703) E TERRACE 75 S Ridgeway, Oakland. One-story 4-room dwlg.
Owner—Fred Petersen, 1155 Terrace St., Oakland.
Architect—None. \$2500

SHEET METAL WORK
(4704) E MARKET 481 S First S 2001 E 100, Oakland. Sheet metal work for boiler building.
Owner—Pacific Gas & Electric Co.
Architect—None.
Contractor—Yager Sheet Metal Co., 2505 Chestnut St., Oakland.
Filed Oct. 30, 22. Dated Oct. 21, 22.
Completed and accepted..... 7500
Usual 35 days..... 2375
TOTAL COST, \$9875
Bond, \$255. Surety, Fidelity & Casualty Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

DWELLING
(4705) LOT 12 BLK "C" Reon Tract, Oakland. All work for one-story five-room dwelling.
Owner—Edward W. and Catherine O. Foulkes, 2016 Euclid Ave., Ala.
Architect—None.
Contractor—Gede & Randall, 471 Moss Ave., Oakland.
Filed Oct. 28, 22. Dated Aug. 28, 22.
Batters in place..... 1000
Brown coated..... 1000
Completed..... 1000
Usual 35 days..... 1000
TOTAL COST, \$4000
Bond, none. Limit, 90 days. Forfeit, \$1. Plans and specifications, none.

DWELLING
(4706) NO. 136 CAPERTON, Piedmont. One-story 6-room dwelling.
Owner—W. A. Folger, 669 39th St., Okd.
Architect—None.
Contractor—C. P. Henderson, 5714 Keith Ave., Oakland. \$7000

DWELLING
(4707) NO. 47 CRAIG AVE., Piedmont. Two-story 9-room dwelling and garage.
Owner—M. Allen, 590 65th St., Okd.
Architect—None.
Contractor—Jas. Parker, 944 E-14th St., Oakland. \$11,750

DWELLING
(4708) NO. 159 CROCKER AVE., Piedmont. Two-story 8-room dwelling and garage.
Owner—Dr. W. J. Dowell, 1436 8th St., Oakland.
Architect—None.

DWELLING
(4709) NO. 29 DORMIDERA AVE., Piedmont. One-story 6-room dwelling.
Owner—J. W. Scammell, 206 Mountain Ave., Piedmont.
Architect—None. \$5000

RESIDENCE
(4710) NO. 307 EL CERRITO, Piedmont. Two-story 8-room residence.
Owner—A. M. Sommarstrom, 130 Sunny-side Ave., Piedmont.
Architect—None. \$5500

DWELLING
(4711) NO. 96 FAIRVIEW AVE., Piedmont. Two-story 6-room dwlg.
Owner—Ed. Lanner, 470 Boulevard Way, Berkeley.
Architect—None. \$5000

DWELLING
(4712) NO. 34 FAIRVIEW AVE., Piedmont. One-story 6-room dwelling and garage.

DWELLINGS
(4690) E BARTLETT 621 and 665 N Rockdale, Oakland. Two one-story dwellings.
Owner—C. M. MacGregor, 175 13th St., Oakland.
Architect—None. \$3650 each

BANK
(4691) SE COLLEGE AVE & OCEAN View Drive, Oakland. One-story brick bank.
Owner—The Oakland Bank
Architect—Hed & Corbett
Contractor—P. J. Walker Co., Sharpe Bldg., San Francisco. \$32,000

DWELLING
(4692) S E-FOURTEENTH 60 E 42nd Ave., Oakland. One-story tile cabinet shop.
Owner—Meyer Mfg. Co., 4265 E-14th St., Oakland.
Architect—None. \$4000

DWELLING
(4693) NO. 2157 FOOTHILL BLVD., Oakland. One-story 5-room dwlg.
Owner—H. J. Hudson, 2123 Foothill Blvd., Oakland.
Architect—None. \$2000

DWELLING
(4694) SW FIFTY-SEVENTH AVE & Harvey Ave., Oakland. One-story 5-room dwelling.
Owner—M. Page, 2160 55th Ave., Okd.
Architect—None. \$3000

APARTMENTS
(4695) N E-FIFTIETH 56 W Fourth Ave., Oakland. Two-story 12-room apartments.
Owner—M. Brennan, Federal Bldg., Oakland.
Architect—None.
Contractor—E. E. Stanley, 1605 50th Ave., Oakland. \$3000

DWELLING
(4696) NO. 2711 FOOTHILL BLVD., Oakland. One-story 5-room concrete dwelling.
Owner—Geo. Hudson, 2733 Foothill Blvd., Oakland.
Architect—None. \$2000

DWELLINGS
(4697) 8 HARVEY AVE 53 and 66 W 57th Ave., Oakland. Two one-story 6-room dwellings.
Owner—M. Page, 2000 55th Ave., Okd.
Architect—None. \$7000 each

DWELLING
(4698) W SIXTY-THIRD AVE 135 S Foothill Blvd., Oakland. One-story 6-room dwelling.
Owner—D. F. McBride, 817 Masonic Ave., San Francisco.
Architect—None. \$4000

SCHOOL
(4699) NW SAN PABLO AVE AND Sixty-second, Oakland. Two-story brick school.
Owner—City of Oakland.
Architect—None.
Contractor—Alfred Olson, Everson Bldg., Oakland. \$114,444

DWELLINGS
(4700) W SEVENTY-THIRD AVE 53 and 75 S Piedmont, Oakland. Two one-story 2-room dwellings.
Owner—C. McMillan, 1225 E-18th St., Oakland.
Architect—None.
Contractor—S. Damgaard, 1352 89th Ave., Oakland. \$2000 each

DWELLING
(4701) S STANFORD AVE 120 N Gas-kill, Oakland. One-story 8-room 2-family dwelling.
Owner—W. A. Neil.
Architect—None.
Contractor—H. E. Johnson, San Leandro. \$7000

DWEELLING

(4736) NO. 2121 STUART ST., Berkeley
One-story 5-room dwelling.
Owner—Laura B. Bent, 2124 Parker St., Berkeley.
Architect—None.
Contractor—E. M. Bent, 2124 Parker St., Berkeley. \$5000

DWEELLING

(4737) NO. 1360 TAMALPAIS, Berkeley.
Two-story 3-room dwlg.
Owner—J. M. Linforth, 2444 Telegraph Ave., Berkeley.
Architect—Miss Deakin.
Contractor—C. H. Warner, 2615 Dorby St., Berkeley. \$3700

ADDITION

(4738) NO. 1208 PAMA ST., Berkeley
Addition.
Owner—Rudolph Schevill, Premises.
Architect—None.
Contractor—J. B. Malmstrom. \$3000

ADDITION

(4739) NO. 129 THE UPLANDS, Berkeley.
Addition.
Owner—A. E. Shaw, Premises.
Architect—None.
Contractor—J. Henry Wolbold, 2115 Center St., Berkeley. \$1500

DWEELLING

(4739) W BARTLETT 75 S Lynde Oakland.
One-story 5-room dwlg.
Owner—Carl Koenig, 2428 3th St., Berkeley.
Architect—None. \$3000

DWEELLING

(4741) E BEST 240 N Brookdale, Oakland.
One-story 6-room dwlg.
Owner—Burrill & Shealey, 2766 Kingsland Ave., Oakland.
Architect—None. \$4900

DWEELLING

(4742) W BEST AVE 126 N Brookdale, Oakland.
One-story 6-room dwlg.
Owner—Burrill & Shealey, 2766 Kingsland Ave., Oakland.
Architect—None. \$4900

ADDITION

(4743) NO. 2122 DELMER ST., Oakland.
Addition.
Owner—Lack D. Tallman.
Architect—None. \$1500

DWEELLING

(4744) NO. 1118 E-THIRTY-THIRD ST ST., Oakland.
One-story 5-room dwlg.
Owner—Joseph Erickson, 1639 21st Ave., Oakland.
Architect—None. \$4000

DWEELLING

(4745) N E-TWENTY-EIGHTH 120 E 19th Ave., Oakland.
One-story 4-room dwelling.
Owner—Mrs. Amanda Evers, 2615 Wallace St., Oakland.
Architect—None.
Contractor—C. F. Street. \$2500

APARTMENTS

(4746) W CLARK 110 S 40th St., Oakland.
Two-story 16-room apartments and garage.
Owner—J. Morrill.
Architect—None.
Contractor—California Builders Co., 1534 Franklin St., Oakland. \$13,500

APARTMENTS

(4747) W CLARK 212 N 35th St., Oakland.
Two-story 16-room apartments and garage.
Owner—J. W. Dehn.
Architect—None.
Contractor—California Builders Co., 1534 Franklin St., Oakland. \$13,500

APARTMENTS

(4748) W CLARK 214 N Thirty-eighth, Oakland.
Two-story 16-room apartments and garage.
Owner—D. Aronson.

Architect—None.

Contractor—California Builders Co., 1534 Franklin St., Oakland. \$13,500

APARTMENTS

(4749) S FORTY-SECOND 104 and 147 E Emerald, Oakland.
Two two-story 16-room apartments and garage.
Owner—M. G. Kendall.
Architect—None.
Contractor—California Builders Co., 1534 Franklin St., Oakland. \$13,500 each

STORES

(4710) S E-FOURTEENTH 60 E 39th Ave., Oakland.
One-story stores.
Owner—Mrs. Blanche Nelson.
Architect—None.
Contractor—A. E. Orton, 6800 Trenor St., Oakland. \$7000

DWEELLING

(4741) N FIFTY-FIFTH 120 E Market Oakland.
One-story 6-room dwelling.
Owner—Geo. O'Brien, Bacon Bldg., Okd.
Architect—None. \$4900

DWEELLING

(4742) N FIFTY-FOURTH 120 E Market, Oakland.
One-story 5-room dwelling.
Owner—Emil Tuerrero, 1675 65th St., Oakland.
Architect—None.
Contractor—J. Bertoldi, 5628 Vicente St., Oakland. \$3500

DWEELLINGS

(4743) S HENDORA AVE 200 AND 240 W Edgewood, Oakland.
Two one-story 5-room dwellings.
Owner—Thos. F. L. Furlong, 61 Echo Ave., Oakland.
Architect—None. \$5000 each

DWEELLING

(4744) E MANILA AVE 300 S Hudson, Oakland.
One-story 6-room 2-family dwelling.
Owner—H. D. Irwin.
Architect—None.
Contractor—Lassen & Shields, 5323 College Ave., Oakland. \$5100

DWEELLING

(4745) W TWENTY-FIRST AVE 105 S E-24th St., Oakland.
One-story 5-room dwelling.
Owner—A. Van Vliet, 1746 24th Ave., Oakland.
Architect—None. \$3000

WAREHOUSE

(4746) W NINETEENTH AVE 100 N Livingston, Oakland.
One-story tile warehouse.
Owner—Pacific Steel & Wire Co., 19th Ave. and Livingston Sts., Okd.
Architect—None.
Contractor—F. A. Muller, Syndicate Bldg., Oakland. \$3,500

APARTMENTS

(4747) NW RICH AND WEBSTER, Oakland.
Two-story 6-room apts.
Owner—K. Penander, 1534 Franklin St., Oakland.
Architect—None.
Contractor—California Builders Co., 1534 Franklin St., Oakland. \$13,000

DWEELLING

(4748) W SEVENTY-EIGHTH AVE 1000 N Parker Ave., Oakland.
One-story 4-room dwelling.
Owner—A. Millies, 2312 Frederick St., Oakland.
Architect—None.
Contractor—J. Maderos. \$1500

DWEELLING

(4749) E SIXTY-FIRST AVE 105 S E-11th St., Oakland.
One-story 5-room dwelling.
Owner—C. R. Montgomery, 1012 14th St., Oakland.
Architect—None. \$3000

DWEELLINGS

(4750) N SIXTY-THIRD 50, 53 and 116 W Celly, Oakland.
Three one-story 5-room dwellings.
Owner—Morgenson Bros., 5664 Broadway, Oakland.
Architect—None. \$4000 each

DWEELLING

(4751) E SEMINOLE AVE 55 S Braun Oakland.
One-story 6-room dwlg.
Owner—Christian Vanderhye.
Architect—None.
Contractor—Oakley & Kolmodin, 1911 65th Ave., Oakland. \$1900

DWEELLING

(4752) E MONTCLAIR 125 S Excelsior being Lot 4 blk M Excelsior Heights Tract, Oakland.
One-story 6-room dwelling.
Owner—C. E. Barnard, Oakland.
Architect—None.
Contractor—Karl S. Fredrickson, 542 Montclair St., Oakland.
Filed Oct. 21, 1922. Dated Oct. 25, 1922.
Ready for plaster \$2500
Plastered 1000
Completed and accepted 2150
Three months 100
TOTAL COST, \$5750
Bonds, none; Sureties, none; Forfeit, none; Limit, none; Plans and specifications filed.

OFFICE BUILDING

(4753) E MARKET ST. 481 S 1st St. 200 E 100 Oakland.
Sheet metal for roof office bldg.
Owner—P. G. & E. Co.
Architect—None.
Contractor—Yager Sheet Metal Co., 5508 Chestnut St.
Filed Oct. 21, 1922. Dated—
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, \$1257
Bonds, \$636; Sureties, Fidelity & Casualty Co.; Forfeit, none; Limit, 30 days; Plans and specifications filed.

SCHOOL

(4754) LOCATION NOT GIVEN.
School and convent.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—G. E. McLean, 369 Pine St., San Francisco.
Contractor—W. G. McGinty & Sons, Federal Realty Bldg., Oakland
Filed Oct. 21, 1922. Dated—
1st day each month 75%
Usual 35 days 25%
TOTAL COST, \$52,138
Bond, \$26,070; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 200 days; Plans and specifications filed.

DWEELLING

(4755) NO. 1352 HEARST AVE., Berkeley.
One-story 5-room dwelling.
Owner—Geo. H. Fox, 1349 Hearst Ave., Berkeley.
Architect—None.
Contractor—Fox Bros., 1349 Hearst Ave., Berkeley. \$2200

DWEELLING

(7756) NO. 1740 MARIN AVE., Berkeley.
One-story 5-room dwelling.
Owner—G. Zurlgen.
Architect—None.
Contractor—A. Hendrickson, 6458 Raymond St., Oakland. \$4000

DWEELLING

(4757) NO. 822 OXFORD ST., Berkeley
One-story 6-room dwelling.
Owner—Porter & Young, 2118 Shattuck Ave., Berkeley.
Architect—None.
Contractor—D. T. Blethroad, 1912 Channing, Berkeley. \$1500

DWEELLING

(4758) NO. 1542 SHATTUCK AVE., Berkeley.
One-story 6-room dwlg.
Owner—W. W. Welsh, 631 Kenilworth Ave., San Leandro.
Architect—None. \$3500

DWELLING
(4759) NO. 695 APGAR ST., Oakland.
One-story 4-room dwelling.
Owner—M. F. Mattfeldt, Oakland.
Architect—None.
Contractor—N. Nelson. \$1500

APARTMENTS
(4760) S ELEVENTH 150 W Oak.
Oakland. Two-story 16-room apart-
ments.
Owner—C. A. Wech.
Architect—None.
Contractor—H. C. Knight, 318 12th St.,
Oakland. \$15,000

DWELLING
(4761) SW E-FOURTEENTH AND
Fifty-fourth Ave., Oakland. One-
story 3-room dwelling.
Owner—Emil Petersen, Bacon Bldg.,
Oakland.
Architect—None.
Contractor—L. E. Van Ness, R. F. D.
No. 1, Oakland. \$1500

DWELLING
(4762) E HUMBOLDT 83 S Deering.
Oakland. One-story 5-room dwlg.
Owner—Beatrice S. Howe, 3240 E-14th
Oakland.
Architect—None.
Contractor—J. W. Sigwald, 3927 Agua
Vista, Oakland. \$2900

APARTMENTS
(4763) S SIXTY-SECOND 250 E Colby
Oakland. Two-story 13-room apart-
ments.
Owner—Mrs. Rowe.
Architect—None.
Contractor—Jas. L. Rich, 4051 Tele-
graph Ave., Oakland. \$10,000

GARAGE
(4764) N TENTH 100 W Fallon, Oak-
land. Garage.
Owner—Beach & Dean, 388 12th St.,
Oakland.
Architect—None.
Contractor—H. C. Knight, 383 12th St.,
Oakland. \$1400

DWELLING
(4765) N E-THIRTY-FOURTH ST. 527
E. Park Blvd, Oakland. One-story 5
room dwelling.
Owner—A. A. Anderson, 1565 Hopkins
Street, Oakland.
Architect—None. \$3800

DWELLING
(4766) S WALNUT AVE. 200 E Court-
land, Oakland. One-story 5-room
dwelling.
Owner—T. Griffith, 4661 Walnut, Okd.
Architect—None. \$2950

GARAGE
(4767) LOT 17 & 18 BLK W REGENTS
Park, Berkeley.
Owner—C. C. Corkett.
Architect—None.
Contractor—Fred Hambleton, 3737 13th
Avenue.

Filed Oct. 31, 1922. Dated Oct. 29, 1922.
Walls ready for trucks.....\$1687.50
Roof on 1687.50
Completed and accepted 1687.50
Usual 35 days 1687.50
TOTAL COST, \$6750
Bond, none; Sureties, none; Forfeit,
none; Limit, 40 days; Plans and Specifi-
cations, none.

APARTMENTS
(4768) LOT 28 BLK 2 MAP OAK-
Lawn, Oakland. Labor and lumber for
8-story apartments.
Owner—P. T. Gray.
Architect—R. W. Smith, 1010 Broadway
Oakland.
Contractor—John Vaughan, 1124 Ham-
pel St., Oakland.

Filed Nov. 1, 1922. Dated Oct. 28, 1922.
3rd floor joists in place.....\$600
Frame up 600
Brown coated 1200
Int. wood finish on 600

Completed and accepted 600
Usual 35 days 1200
TOTAL COST, \$4800
Bond, \$2400; Sureties, Frances P.
Vaughan and F. L. Parker; Forfeit,
none; Limit, none; Plans and Specifi-
cations filed.

RESIDENCE
(4769) NO. 140 RONADA AVE., Pied-
mont. Two-story 7-room residence.
Owner—A. H. Pallen, 686 61st St., Oak-
land.
Architect—None. \$6500

DWELLING
(4770) NO. 2921-23-25-27 COLLEGE
Ave., Berkeley. One-story 7-room
dwelling and stores.
Owner—Mildred M. and J. S. Dye.
Architect—None.
Contractor—Roy O. Long, 2114 Shat-
tuck Ave., Berkeley. \$8000

DWELLING
(4771) NO. 76 OAK RIDGE ROAD.
Berkeley. Two-story 5-room dwlg.
Owner—Edwin O. and Anna V. Kelsey,
2327 Prince St., Berkeley.
Architect—None.
Contractor—David Nordstrom, 4146
Emerald St., Oakland. \$7500

DWELLING
(4772) NO. 818 SAN MATEO ROAD.
Berkeley. Two-story 9-room dwlg
Owner—W. H. Ringe.
Architect—None.
Contractor—Roy O. Long Co., 2114
Shattuck Ave., Berkeley. \$7000

DWELLING
(4773) NE EIGHTY-FIFTH AVE AND
Olive, Oakland. One-story 4-room
dwelling
Owner—Mrs. Atwood, 2006 88th Ave.,
Oakland.
Architect—None.
Contractor—T. A. Marion, 8512 E-14th
St., Oakland. \$1600

DWELLING
(4774) E EIGHTH AVE 50 N E-21st
St., Oakland. One-story 5-room
dwelling.
Owner—Chas. Campbell.
Architect—None.
Contractor—J. B. Fullerton, 2117 9th
St., Berkeley. \$2500

ALTERATIONS
(4775) NO. 837 FIFTH AVE., Oakland.
Alterations.
Owner—Mrs. J. R. Putnam, Premises.
Architect—None.
Contractor—E. W. Graham, 152 Grand
Ave., Oakland. \$3100

ALTERATIONS
(4776) NO. 561 FORTY-FIRST ST.
Oakland. Alterations.
Owner—C. S. Lamb.
Architect—None.
Contractor—J. F. Meyer, 836 Allston
Way, Berkeley. \$1000

DWELLING
(4777) NE FOOTHILL BLVD. AND
Laverne, Oakland. One-story five-
room dwelling.
Owner—Wm. H. Sims, 1940 42nd Ave.,
Oakland.
Architect—None. \$2000

DWELLING
(4778) S LAKESHORE AVE 345 W
Spring, Oakland. One-story 6-room
dwelling.
Owner—G. W. Muther, 347 41st St., Oak-
land.
Architect—None. \$4500

DWELLING
(4779) W 104TH AVE 300 N E-14th.
Oakland. One-story 4-room dwlg.
Owner—C. T. Ahlman, 1336 104th Ave.,
Oakland.
Architect—None. \$2000

DWELLING
(4780) E PARK BLVD. 320 S Everett
Ave., Oakland. One-story 5-room
dwelling.
Owner—Howard Marshall, 2207 Broad-
way, Oakland.
Architect—None. \$1000

DWELLING
(4781) S ROSE 80 W Colby St., Oak-
land. One-story 5-room dwlg.
Owner—J. L. Rankin, 6082 Claremont
Ave., Oakland.
Architect—None. \$3250

STORES
(4782) W SAN PABLO AVE 88 N 30th
St., Oakland. One-story 3-room
stores.
Owner—Joe Cannella, 313 San Pablo
Ave., Oakland.
Architect—None.
Contractor—S. L. Stewart, 831 16th
St., Oakland. \$2850

DWELLING
(4783) W SAN SABASTIAN 100 N
Hollywood, Oakland. One-story 5-
room dwelling.
Owner—Mrs. Milla.
Architect—None.
Contractor—J. Floyd Perry, 733 Haight
Ave., Alameda. \$1000

DWELLINGS
(4784) W SIXTIETH AVE 40 and 80
N Avenal Ave., Oakland. Two one-
story 5-room dwellings.
Owner—M. L. Newman and H. C. Miller,
2456 Seminary Ave., Oakland.
Architect—None. \$3500 each

DWELLING
(4785) E TWENTY-FOURTH AVE 185
S E-19th, Oakland. One-story five-
room dwelling.
Owner—A. F. Anderson, 2381 E-22nd St.,
Oakland.
Architect—None. \$3500

DWELLING
(4786) E THIRTY-FIFTH AVE 175 N
Foothill Blvd, Oakland. One-story
5-room dwelling
Owner—A. Anderson, 1615 4th Ave.,
Oakland.
Architect—None.
Contractor—R. A. MacKercher, 3449
Fruitvale Ave., Oakland. \$3000

DWELLING
(4787) N TRASK 185 W 55th Ave.,
Oakland. One-story five-room
dwelling.
Owner—E. M. Hinch, 414 15th St., Okd.
Architect—None. \$3000

DWELLING
(4788) E THIRTY-EIGHTH AVE 150
N Carrington, Oakland. One-story
4-room dwelling.
Owner—J. S. Marshal, 3521 E-18th St.,
Oakland.
Architect—None. \$2500

DWELLING
(4789) LOT 47 BLK "F" Map North-
brae Terrace, Berkeley. All work
for six-room dwelling and garage.
Owner—M. Myrtle Ristenpart, Bkly.
Architect—None.
Contractor—Thomas W. Price, 1625
Tacoma St., Berkeley.
Filed Nov. 2, '22. Dated Nov. 1, '22.
Frame up 4
Plastered 4
Completed 4
Usual 35 days 4
TOTAL COST, \$7000
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

DWELLING
(4790) N AMADOR bet. Shattuck and
Mariposa Aves., Oakland. All work
for one-story dwelling and garage.
Owner—Mrs. K. M. Holand, Berkeley.
Architect—None.
Contractor—A. Frederick Anderson,
2800 Delaware St., Oakland.
Filed Nov. 2, '22. Dated Oct. 31, '22.

Rafters up	1/4
Interior plaster on	1/4
Completed	1/4
Usual 35 days	1/4
TOTAL COST \$4700	
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.	

DWELLING

(4791) LOT 8 BLK 14, Oakridge, Claremont, Berkeley. All work for two-story dwelling.	
Owner—E. O. and Anna V. Kelsey, Berkeley.	
Architect—None.	
Contractor—David Nordstrom, 4110 Emerald St., Oakland.	
Filed Nov. 2, '22. Dated Oct. 27, '22.	
Framed up	1/4
Brown coated	1/4
Completed	1/4
Usual 35 days	1/4
TOTAL COST, \$7500	
Bond, \$3750. Surety, National Surety Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.	

.....	Oct. 28, 1922
Nov. 1, 1922—S 1/2 LOT 3 BLK "L" Henry J Chavez to M P Rose.....	Oct. 31, 1922
Nov. 1, 1922—LOT 70 Map Greater Oakland Company Tract No. 1, Oakland. Martha E Lodge to whom it may concern.....	Sept. 16, 1922
Nov. 1, 1922—E DIAMOND AVE 275 N Hopkins, Oakland. Mrs. Agnes Hufschmidt to A L Ferguson.....	Oct. 31, 1922
Nov. 1, 1922—PTN LOTS 44 AND 45 Map Templeton Tract, Oakland. Elmer W Bradshaw to whom it may concern.....	Oct. 26, 1922
Nov. 2, 1922—LOT 1 BLK "F" Lake Shore Terrace Tract, Oakland. Victor A Anderson to whom it may concern.....	Oct. 25, 1922
Nov. 2, 1922—NO. 1211 BLAKE ST., Berkeley. C B Deuble to whom it may concern.....	Oct. 31, 1922
Nov. 2, 1922—NO. 3223 GREENWOOD AVE. Oakland. Blanche Price to C M Smith.....	Oct. 21, 1922

Oct. 31, 1922—CERTAIN ACRE OF land at NE Cor. Dennison St. and 19th Ave. Oakland. A Warenschild as to improvements on property..

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW

DRAKE AVE., LOT 30 BLK 30 Easton Add No. 2, Burlingame. Furnish & const. 1-story bungalow & garage.	
Owner—Hedwig & W. E. Auger, Architect—None.	
Contractor—Wm. and James Watson, 312 Grand Ave., San Mateo.	
Filed Oct. 24, 1922. Dated Oct. 21, 1922.	
Framed	\$1275
Brown coated	1275
Completed and accepted.....	1275
Usual 35 days	1275
TOTAL COST, \$5108	
Bond, none; Sureties, none; Forfeit, \$100; limit, 90 working days; Plans and specifications filed.	

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded	Amount
Oct. 27, 1922—LOT 2 BLK 2, Map Shbyn N. I. Adams Joint Pty., Oakland. R. H. Chamberlain to whom it may concern. Oct. 26, 1922	
Oct. 27, 1922—LOT 5 BLK L. Map State University Homestead Assn., No. 5, Berkeley. John M Edwards to Jordan & Zeile	Oct. 25, 1922
Oct. 27, 1922—LOT 22 BLK "D" Map Grand Avenue Heights (City-Parks), Oakland. Jane M. and Douglas M. Williams to Leo J. Dolan	Oct. 17, 1922
Oct. 28, 1922—W CEDAR & ARCH, Oakland. William F Clarke to Brusch & McCorkle.....	Oct. 27, 1922
Oct. 28, 1922—LOT 13 BLK "E" Map The Oaks, Piedmont. Hermon M. Gillen to F F Powers & Sons.....	Oct. 20, 1922
Oct. 30, 1922—E WEBSTER 1177 N 11th N 47XE 150, Oakland. R W and Vestine T Farmer to J T Kogen	Oct. 28, 1922
Oct. 30, 1922—LOT 116 Crocker Highlands, Oakland. Elmer H Rogers to Morse & Hind.....	Oct. 28, 1922
Oct. 30, 1922—PTN LOT 5 BLK 8 Map East Oakland Heights, Oakland. C L Tamblin to whom it may concern.....	Oct. 24, 1922
Oct. 30, 1922—LOT 15 Map Estate John Avery, Oakland. M Missевич to R O McCline	Oct. 27, 1922
Oct. 30, 1922—NE GLEN AVE 205.79 SE Piedmont Ave NE 142.12 SE 48 SW 132 NW 49.56, Oakland. P H Maloney to Thomas Rutherford.....	Oct. 29, 1922
Oct. 30, 1922—SE E-SEVENTEENTH & Fruitvale Ave E 103X 120, Oakland. Third Church of Christ Scientist in Oakland to John Meriton Co.....	Oct. 30, 1922
Oct. 30, 1922—E PIEDMONT AVE 120.20 N Russell N 49XE 120, Berkeley. Brooks Parker to whom it may concern.....	Oct. 30, 1922
Oct. 31, 1922—PTN LOT 18 BLK 35 Amended Map Fairmount Park, Albany. E L Hiteman to whom it may concern.....	Oct. 1, 1922
Oct. 31, 1922—N FRANCISCO 80 W McGee Ave W 46XN 100, Berkeley. E L K'teman to whom it may concern.....	Oct. 10, 1922
Oct. 31, 1922—E HEARN 308X 8 S Thabot Road 8 41XE 120, Oakland. Eugene Kower to J H Martin	Oct. 28, 1922
Oct. 31, 1922—SW CHANNING WAY and Grant 8 40XW 90, Berkeley. E J Tillman to A A Anderson.....	Sept. 15, 1922
Oct. 31, 1922—N PTN LOT 7 BLK 4 Amended Map 17th La Loma Park and Wheeler Tract, Berkeley. Edwin A Lee to Roy O Long Co.,	

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
Oct. 27, 1922—LOT 14 BLK "K" Map Leonard Tract, Berkeley. Gladding, McBean & Co vs Richard Weber, Susie E and Eugene Howard	\$38
Oct. 27, 1922—LOT 25 BLK 1 Fairview Park, Oakland. Strable Hardwood Co vs Herbert Hansen (Herbert Hansen Floor Co.) and W J Schrader	\$79.20
Oct. 27, 1922—LOT 14 BLK 6 Northbrae, Berkeley. Strable Hardwood Co vs Herbert Hansen (Herbert Hansen Floor Co.) C J Pfingst and J H Baker	\$105.42
Oct. 27, 1922—N 40 LOTS 18, 19 and 20 Elk Map Thermal Hill Tract, Oakland. Strable Hardwood Co vs Herbert Hansen (Herbert Hansen Floor Co.) and David C Smith.....	\$63.50
Oct. 27, 1922—W 40 LOT 23 Lull Shbyn Vernon Park Tract, Oakland. Strable Hardwood Co vs Herbert Hansen (Herbert Hansen Floor Co.) and C J Allen	\$41.59
Oct. 28, 1922—LOT 8 and Ptn Lots 4 and 7 Blk 2 Platt St. 382, City of Oakland, Oakland. A F Hufschmidt vs Gustav Meyer Jr., \$122.15	
Oct. 30, 1922—S LA SALLE AVE 125-4 E Floradora Ave 50X100, Piedmont. A W Fernento vs Irving Magness and A M Bowser.....	\$169.05
Oct. 30, 1922—S ASHMORE AVE 690 W Mandana Blvd 83-8X114-5, Oakland. A W Fernento vs H J Sanuck and A M Bowser.....	\$261
Oct. 30, 1922—S LA SALLE AVE 76-1 E Floradora Ave 47-3X100, Piedmont. A W Fernento vs Albert Janssen and A M Bowser.....	\$145.85
Nov. 1, 1922—LOT 19 BLK 14, Lakeshore Highlands, Oakland. Henry Cowell Limb & Co vs C G Williams Florence Fryer and C G Williams	\$145.72
Nov. 1, 1922—NW 40 LOT 4 and SE 15 Lot 5 Blk 20 Map Boulevard Park, Oakland. H Leroy King vs Lottie and J W Winther and W L Howell	\$110.50
Nov. 1, 1922—E WEBSTER 103 N 14th N 103XE 150, Oakland. Carl T Doell vs A H and George R Babcock and Philip S Cole.....	\$104.16
Nov. 2, 1922—SWSEVENTH & CLAY W 150X 100, Oakland. T Gilmore to Louis Schaffer	\$400

Notice of Non-Responsibility

ALAMEDA COUNTY

Oct. 30, 1922—LOT 49 and SW 121 Lot 50 Blk 18, Mcp Key Road Heights, Oakland. Alameda Investment Co as to improvements on property	
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RELEASE OF LIENS

SAN MATEO COUNTY

Recorded	Amount
Oct. 31, 1922—LOT F BLK 10 No. 2 Burlingame Land Co Burlingame. R. A. Mills vs Miriam H. & Jas. P. Dwan and T. J. Bradevich.....	\$820

BUILDING CONTRACTS**SANTA CLARA COUNTY****\$1,000 and Over Reported**

COTTAGE, ETC.
NEAR SARATOGA. All work for two-story frame cottage with basement and arcade, a solarium; an addition to library on administration building and an addition to the hospital building.

Owner—Trustees of Odd Fellows Home of California.

Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Contractor—Z. O. Field & Son, 76 W. San Antonio St., San Jose.

Filed Oct. 24, '22. Dated Oct. 21, '22.
 Excavations and foundations completed \$2100.00
 Frame of cottage up 2400.00
 1st coat plaster on inside 4500.00
 Inside standing finish on 5359.50
 Upon completion 5359.50
 Usual 35 days 6373.00

TOTAL COST, \$22,292.00
 Bond, \$13,146. Sureties, Seymour Montgomery and Frank G. King. Limit, 135 working days from Oct. 21, 1922. Forfeited, \$5 a day. Plans and specifications filed.

COTTAGE EVERGREEN. All work for six-room frame cottage.

Owner—J. Anderson and wife, Alum Rock, San Jose.

Architect—A. E. Ford.

Contractor—R. E. Ford.

Filed Oct. 26, '22. Dated Oct. 25, '22.

Sheathing on \$1200

1st coat plaster on inside 1200

Upon completion 2400

TOTAL COST, \$4800

Bond, limit, forfeited, none. Plans and specifications filed.

COTTAGE, six-room, \$3800; Sherman & Humboldt Sts., San Jose; owner, Wm. H. O'Neill, 500 N-15th St., San Jose.

COTTAGE, four-room, \$1500; Taylor St. near 15th St., San Jose; owner, J. Adoradillo, 749 Taylor St., San Jose.

ALTER residence into (4) apartments, \$4600; No. 533 S-third St., San Jose; owner, Rose McGlynn, Premises; contractor, Morrison Bros.

COTTAGE, \$3200; 13th near Empire St., San Jose; owner, A. E. Correa; contractor, Wm. H. O'Neill, 500 N-15th St., San Jose.

COTTAGE, 6-room, \$3500; First near Hoyd; owner, Peter Mulally, 165 E-Humboldt St., San Jose.

COTTAGE, 5-room, \$2850; Fifth near Washington, San Jose; owner, C. P. Bailey & Sons Co.; contractor, W. H. O'Neill, 500 N-15th St., San Jose.

COMPLETION NOTICES**SANTA CLARA COUNTY**

Recorded Accepted

Oct. 26, 1922—NO. 880 WILLOW ST., San Jose. B F Hill to whom it may concern Oct. 24, 1922

Oct. 27, 1922—SAN JOSE. W H Newman to whom it may concern Oct. 18, 1922

Oct. 30, 1922—LOS GATOS. Henrietta Blanchard to W C Constable Oct. 28, 1922

Oct. 30, 1922—SAN JOSE. Floyd A Carmon to whom it may concern Oct. 27, 1922

BUILDING CONTRACTS**FRESNO COUNTY****\$5,000 and Over Reported**

RESIDENCE, \$6900; No. 1825 Elizabeth St., Fresno; owner, Paul Sangui-netti, Fresno.

DWELLING & garage, \$5000; No. 3954 Ventura Ave., Fresno; owner, J. E. Pimentel, 2925 Thomas St., Fresno; contractor, J. Moore, 1354 Sarah St., Fresno.

DWELLING and garage, \$9200; No. 3605 Kerekhoff Ave., Fresno; owner, Ernest Klette, Masden Bldg., Fresno, contractor, Shorb & Neade, 627 McKinley Ave., Fresno

COMPLETION NOTICES**FRESNO COUNTY**

Recorded Accepted

Oct. 26, 1922—LOT 9, St. Clair. J E York to whom it may concern Oct. 26, 1922

Oct. 26, 1922—LOT 4 BLK 8, Wilson Tract, Fresno. C B Severance to whom it may concern Oct. 24, 1922

Oct. 25, 1922—LOTS 34 AND 35 BLK 15, North Park Terrace, Fresno. A G Williams to whom it may concern Oct. 16, 1922

Oct. 27, 1922—LOTS 11 AND 12 BLK 17, Sierra Vista Addition, Fresno. M A Silvers to whom it may concern Oct. 26, 1922

Oct. 27, 1922—LOT 16 BLK 2, Alta Vista District Tract, Fresno. M Kahn to whom it may concern Oct. 16, 1922

Oct. 27, 1922—E 1/2 OF W 1/2 OF NE 1/4 NE 1/4 of Sec. 11, 14-20, Fresno. G W Wilson to whom it may concern Oct. 26, 1922

DWELLING, \$2900; No. 266 Mariposa St., Fresno; owner, J. A. Johnson, 2120 Tupman St., Fresno.

DWELLING, \$1000; No. 1315 F St., Fresno; owner, Neiss Klentow.

Oct. 28, 1922—LOTS 9 AND 10 BLK 16, North Park Terrace, Fresno. M D Bishop Oct. 23, 1922

Oct. 28, 1922—LOTS 9, 10 & 11 BLK 7, Torrance Terrace, Fresno. C T Goodenough to whom it may concern Oct. 28, 1922

Oct. 28, 1922—LOTS 20 AND 21 BLK 6, Torrance Terrace, Fresno. L Grue to whom it may concern Oct. 26, 1922

Oct. 28, 1922—LOT 5 BLK 6 Blvd. Gardens No. 2, Fresno. Sam Sale to whom it may concern Oct. 28, 1922

Oct. 28, 1922—E 50 FT. LOT 5, Normal Villa, Fresno. Pearl E Foss to whom it may concern Oct. 26, 1922

Oct. 28, 1922—ALAMEDA SCHOOL District, Fresno. Ernest J Kump Co to whom it may concern Oct. 2, 1922

Oct. 30, 1922—LOTS 25 AND 26 BLK 16, College Park, Fresno. S N Calhoun to whom it may concern Oct. 27, 1922

Oct. 31, 1922—LOTS 11, 12 AND 13 Blk 10, Altamont Addition, Fresno. E J Bullard to whom it may concern Oct. 28, 1922

LIENS FILED**FRESNO COUNTY**

Recorded Amount
 Oct. 26, 1922—LOT 17 TO 26 BLK 48, East Fresno, Frank L Braut vs Wm and Cecil Canan \$2500
 Oct. 28, 1922—LOT 7 BLK 3, Bloomington Addition No. 2, Fresno, F L Irwin vs Geo Fathy and L R Cone \$180
 Oct. 31, 1922—LOTS 9, 10 AND 11 BLK 22, Fowler. S C Marston vs Manuel Priego \$121

BUILDING CONTRACTS**MARIN COUNTY**

DWELLING

HARRISON TRACT, Sausalito. Two-story frame dwelling.

Owner—Mott & Helen C. Allen.

Architect—A. H. Herrmann, San Leandro.

Contractor—A. W. Teather, Sausalito.

Filed Oct. 5, 1922. Recorded Oct. 5, 1922.

Frame up \$1190

Plastered 1190

Completed and accepted 1190

Usual 35 days 1190

TOTAL COST, \$4700

Bond, none; Sureties, none; Forfeited, none; Limit, 60 days; Plans and specifications filed.

DWELLING

SAN ANSELMO. One-story and basement frame dwelling.

Owner—Rose Shapiro.

Architect—Harris Osborn, Hearst Bldg., San Francisco.

Contractor—Paul Yule, Kentfield.

Filed Oct. 5, 1922. Dated Oct. 5, 1922.

Frame up \$981.25

Brown coated 981.25

Completed and accepted 981.25

Usual 35 days 981.25

TOTAL COST, \$3292.50

Bonds, none; Sureties, none; Forfeited, none; Limit, none; Plans and specifications filed.

BUILDING CONTRACTS**SAN JOAQUIN COUNTY****\$2500 and Over Reported**

RESIDENCE, \$3800; No. 1135 N-East St., Stockton; owner, W. F. Davis.

RESIDENCE, \$3680; No. 1120 W-Floor St., Stockton; owner, Frank Ernst.

COMPLETION NOTICES**SAN JOAQUIN COUNTY**

Recorded Accepted

Oct. 27, 1922—LOTS 1 AND 3 BLK 12, E of Center St., Stockton. Morris Levy by Max Levy to Hammett & Harty Oct. 20, 1922

Oct. 31, 1922—NW W-NORTH ST. & Sacramento Rd., Stockton. Stockton Grammar School District to Miller Hays Co. Oct. 26, 1922

BUILDING CONTRACTS**SACRAMENTO COUNTY****\$2500 and Over Reported**

DWELLING, one-story 5-room and garage, \$4500; No. 851 41st St., Sacramento; owner, T. J. Kane, 11th and O Sts., Bungalow Court, Sacramento; contractor, H. A. Anderson, Fair Oaks.

DWELLING, one-story 5-room and garage, \$3500 each; No. 2100-06-12 O St., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, South Curtis Oaks Co., 1755 Stockton Blvd., Sacramento.

PIERCE-BO SQUIT
Abstract & Title Co.
 Capital Stock \$100,000
 Sacramento, Placerville,
 Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

STORAGE shed, corrugated iron, \$8000; No. 214 X St., Sacramento; owner, California Packing Corp., Front & P Sts., Sacramento.

DWELLING, one-story 4-room and garage, \$3000; No. 2675 25th St., Sacramento; owner, P. Leoni, 1415 P St., Sacramento.

FIRE repairs, \$6500 and \$2000; No. 1605 and 1609 P St., Sacramento; owner, Ida Frazer, Hotel Sacramento, Sacramento; contractor, A. W. Morris, 3012 G St., Sacramento.

ALTER and repair stores, \$3000; No. 614 12th St., Sacramento; owner, A. F. Silva, Premises; contractor, Herndon & Finnigan, 1814 17th St., Sacramento.

FIRE repairs, \$2500, No. 1424 J St., Sacramento; owner, Dr. W. E. Briggs, Physicians Bldg., Sacramento; contractor, Geo. D. Hudnutt, 211 California Fruit Bldg., Sacramento.

DWELLING, one-story 5-room and garage, \$3680; No. 3035 5th St., Sacramento; owner, Harry H. Lohmeier, 2291 Franklin Blvd., Sacramento; contractor, A. W. Morris, 3012 G St., Sacramento.

ALTER and repair residence, \$3000; No. 3012 G St., Sacramento; owner, A. W. Morris, Premises.

DWELLING, one-story 4-room and garage, \$3000, No. 2501 Second St., Sacramento; owner, P. Leoni, 1415 P St., Sacramento.

FLATS, two-story 4-room and garage, \$15,000; No. 2821 G St., Sacramento; owner, C. F. Vining, 2909 G St., Sacramento; contractor, A. W. Morris, 3012 G St., Sacramento.

DWELLING, one-story 5-room and garage, \$3000; No. 2642 21st St., Sacramento; owner, H. L. Flaven, Merrium Apartments, Sacramento; contractor, C. H. Chatterton, 2126 F St., Sacramento.

DWELLING, one-story 5-room and garage, \$2000; No. 2648 Second Ave., Sacramento; owner, H. L. Haven, Merrium Apartments, Sacramento; contractor, C. H. Chatterton, 2426 F St., Sacramento.

DWELLING, one-story 5-room, \$3500; No. 3132 Marshall St., Sacramento; owner, H. G. MacArthur, 2764 S St., Sacramento; contractor, C. H. Chatterton, 2426 F St., Sacramento.

LIENS FILED

SACRAMENTO COUNTY

Recorded	Amount
Oct. 30, 1922—N 1/2 LOT 5, K, L 3rd and 4th Sts., Sacramento, A. T. Cummins vs St. George Hotel Co., — Nicholas, N. S. Matcovich et al and Frank Lobbs.....	\$972.23
Oct. 30, 1922—LOT 69 Crescent Park Addition, Sacramento, E. S. Carpenter (as Western Lumber Co.) vs Horace G. Winters.....	\$326.18

STORES AND OFFICES

(Continued from page 13)

Plans Being Prepared
OFFICE BLDG. Cost—
LOS ANGELES, L. A. Co., Cal., 6th and Lucas Sts.
Eight-story and basement class "A" office building 55x100.
Owner—Dr. Hill Hastings and associates (a co-operative company).
Architect—Hedley & Richards, Brack-Shops Bldg., L. A.

Plans Being Prepared.
ALTERATIONS. Cost, \$50,000
SAN FRANCISCO, 350 California St.
Extensive alterations to 2-story office bldg. (marble work, painting, etc.).
Owner—Balfour Guthrie Co.
Architect—Earle B. Dertz, 168 Sutter St.

Plans Being Figured.
ADDITION. Cost, approx. \$800,000
SAN FRANCISCO, S E 6th and Market Streets (on the 6th St. side running to Stevenson).
15-story class A addition to present office building.
Owner—Western States Life Ins. Co., Denver.
Architect—Held Bros., 105 Montgomery Street, San Francisco.

LOS ANGELES, L. A. Co., Cal.—Bida are being taken by engineering dept. of Pac. Elec. Ry. Co. for marble work for finishing corridors of P. E. bldg. with marble. Plans and spec. prepared by Arch. John Parkinson and Donald D. Parkinson, 420 Title Ins. Bldg., L. A.

LOS ANGELES, L. A. Co., Cal.—Bavin & Duror Co., 173 E Jefferson St., L. A., have been awarded the general contract at about \$115,000 for erecting a 6-story and basement class A store and office bldg., at S E cor of 6th and Lebanon Sts., L. A., for W. W. Paden and John L. Richardson. Excavation has been completed under separate contract and plumbing and elevators will be let separately. Total cost, \$155,000. Chas. M. Huxford, 427 Security Bldg., L. A., is the archt. Two stores in 1st story, conc. const., press. brick facing, terra cotta trim, metal frames and sash, comp. of marble work, hollow tile partitions, ornain. iron.

THEATRES

Plans Complete.
THEATRE. Cost, \$70,000
LOS ANGELES, Hollywood Blvd. and Hillhurst Ave.
Two-story brick motion picture theatre 10x14.5, 900 seats.
Owner—Community Building Cptn. 1666 N Vermont Ave., L. A.
Architect—L. A. Smith, 3rd St & Western Ave., Los Angeles

Plans Being Prepared.
THEATRE. Cost—
GUEINVILLE, Sonoma Co., Cal.
Alt. of motion picture theatre.
Owner—L. S. Murphy.
Architect—Miller & Warneke, Perry Bldg., Oakland.

Segregated Figures To Be Taken Next Week.
OFFICE BLDG. Cost—
SAN FRANCISCO, N W Mason & Derby, bet. Post and Geary.
Seven-story and basement reinforced concrete office building 70x60.
Owner—Spring Valley Water Co.
Architect—Wills Folk & Co., Hobart Bldg., S. F.

OFFICIAL PROPOSALS

(Continued from Page 15)

NOTICE TO CONTRACTORS

(Kern County General Hospital)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors of the County of Kern, State of California, up to 10 a. m. of December 18th, 1922, for furnishing all labor and materials for the erection and completion of four buildings with connecting tunnels, etc., of the Kern General Hospital Group, to be erected on Flower St., East Bakersfield, California, in accordance with plans and specifications on file in the office of the Clerk of the Board and open for the inspection of bidders. Total cost of said plans and specifications may be had upon deposit of \$25.00 at the office of Charles H. Biggar, Architect, 105-406 Bank of Italy Bldg., Bakersfield, California, and the work will be done under his supervision. Deposit will be returned upon receipt of plans and specifications in good condition before December 24th, 1922.

Bids will be received for the work as a whole or segregated as follows:
1.—General Contract—all work complete except plumbing, heating and ventilation, electric work, elevators, painting, refrigeration plant and boxes, and kitchen equipment.
2.—Excavating, grading and filling.
3.—Plumbing.
4.—Heating and ventilating.

5.—Electric work.
6.—Elevators.
7.—Painting.
8.—Alternate proposals for cement concrete brick as per samples submitted by manufacturers.
9.—Refrigeration plant and boxes.
10.—Kitchen equipment.
11.—Laundry machinery.
Bids to be made out upon form furnished by the Architect for that purpose and each bid must be accompanied by a certified check or bidder's bond in the amount of at least ten per cent (10 per cent) of the amount bid, such check or bond to be made payable to the clerk of the Board of Supervisors and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Supervisors and in addition thereto will furnish good and sufficient bonds therefor.

The Board reserves the right to reject any and all bids not deemed advantageous to the County and to waive any informality in any bid received.

By order of the Board of Supervisors of the County of Kern, State of California, adopted October 23, 1922.
F. E. SMITH,
County Clerk and ex-Officio Clerk of the Board of Supervisors.

BIDS WANTED

(Steel Pipe)

Bids will be received by the Fair Oaks Irrigation District, Fair Oaks, California, until 12 o'clock noon Monday, November 13, 1922, for the following described sizes and quantities of riveted steel pipe, to be dipped and soil protected water pipe:
1400 ft. 14-in. No. 12-gauge;
1300 ft. 12-in. No. 14-gauge;
4200 ft. 10-in. No. 14-gauge;
1100 ft. 8-in. No. 14-gauge;
900 ft. 8-in. No. 16-gauge;
1100 ft. 7-in. 16-gauge;
1300 ft. 6-in. No. 16-gauge;
4300 ft. 4-in. No. 16-gauge.

The above lengths are approximate only and may be modified at pleasure of the Board of Directors of the District.

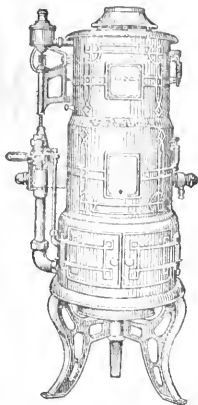
Detailed specifications may be obtained from the Engineer of the District, Stephen F. Kieffer, 57 Post St., San Francisco, California.

A certified check for ten per cent of your bid must accompany bid. Address all communications to Fair Oaks Irrigation District, Guy L. Camden, secretary, Fair Oaks, California.

TO CALL BIDS FOR REFRIGERATING PLANT, ETC.

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed "proposals for refrigerating and ice-making plant, Naval Operating Base (Hospital), Pearl Harbor, T. H., Specification No. 4735 will be received at the Bureau of Yards and Docks Washington, D. C. in the near future. The work consists of refrigerating and ice-making equipment, using as refrigerant any satisfactory substance except ammonia, and consisting of two-motor-driven compressors, condenser, liquid receiver, two motor-driven brine pumps, a motor-driven circulating water pump, a combination freezing and brine-cooling tank with expansion coils, a water pre-cooler tank with coils, a pressure filter, brine agitator, water agitating system by compressed air, automatic can filler, hand-operated crane, automatic can dump and ice chute, ice cans, oil and scale traps, and other necessary accessories; also brine piping for existing cold storage rooms and cook's boxes and the construction of an ice-storage room in the Substation Building. The capacity shall be 4000 pounds per 24 hours. Drawings and specification No. 4735 may be obtained on application to the Bureau of Yards and Docks, Navy Department, Washington, D. C., Commandant, Navy Yard, Mare Island, California, or to the Commandant, Naval Operating Base, Pearl Harbor, T. H. Deposit of check for \$100.00 is required for \$100.00 payable to the Chief of Bureau of Yards and Docks is required as security for the safe return of the drawings and specifications within five days after the award of contract.



A "Pittsburg" Automatic Gas Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all of the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

PITTSBURG WATER HEATER CO.

Makers of

"PITTSBURG AUTOMATIC"

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STORAGE SYSTEMS

and "LION" TANK WATER HEATERS

309 13th Street
OAKLAND

478 Sutter Street
SAN FRANCISCO

SEND FOR CATALOGS

TROJAN EXPLOSIVES

The Most Powerful Made
Safe and Economical

Manufactured on a solid base and do not
contain any liquid explosive ingredient.
Will not freeze Will not exude

Will not give off noxious gases

No thawing

No leaking

No headaches

Trojan Powder Company

CROCKER BUILDING

YEON BUILDING

San Francisco, Cal.

Portland, Oregon

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Skilled Workmen
Prompt Service

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Electrical
Contractor

221 OAK ST.

San Francisco

THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

J. A. MOHR & SON

General Painting Contractors
Specialists in

Compressed Air Painting
and Sand Blasting

San Francisco Oakland
Fresno, Los Angeles & San Diego



A Fibred Gypsum Plaster Board that will not shrink, warp or buckle.

Liberty Wall Board

Nothing better for inside use in any climate. Has great fire resistance, is sanitary and vermin proof, impervious to sound, moisture, heat and cold.

SIZES AND WEIGHT — 1/4 inch thick, 32 and 48 inches wide, by various lengths up to 12 feet. 1 2/10 lbs. per square foot.

PROMPT DELIVERY
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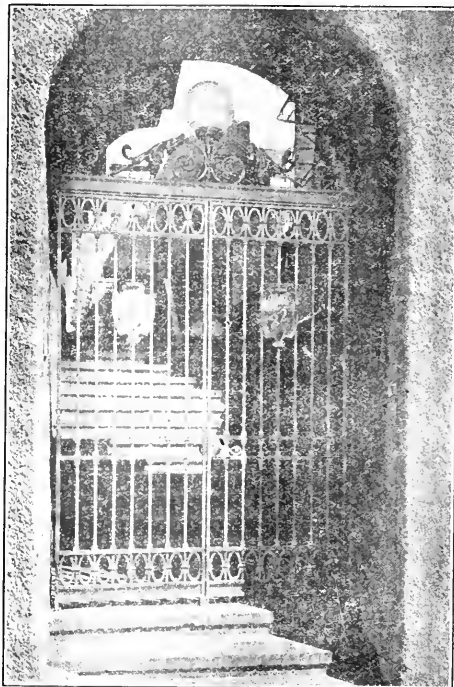
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SAN FRANCISCO, CALIF., NOVEMBER 11, 1922

Published Every Saturday
Twenty-second Year No. 45

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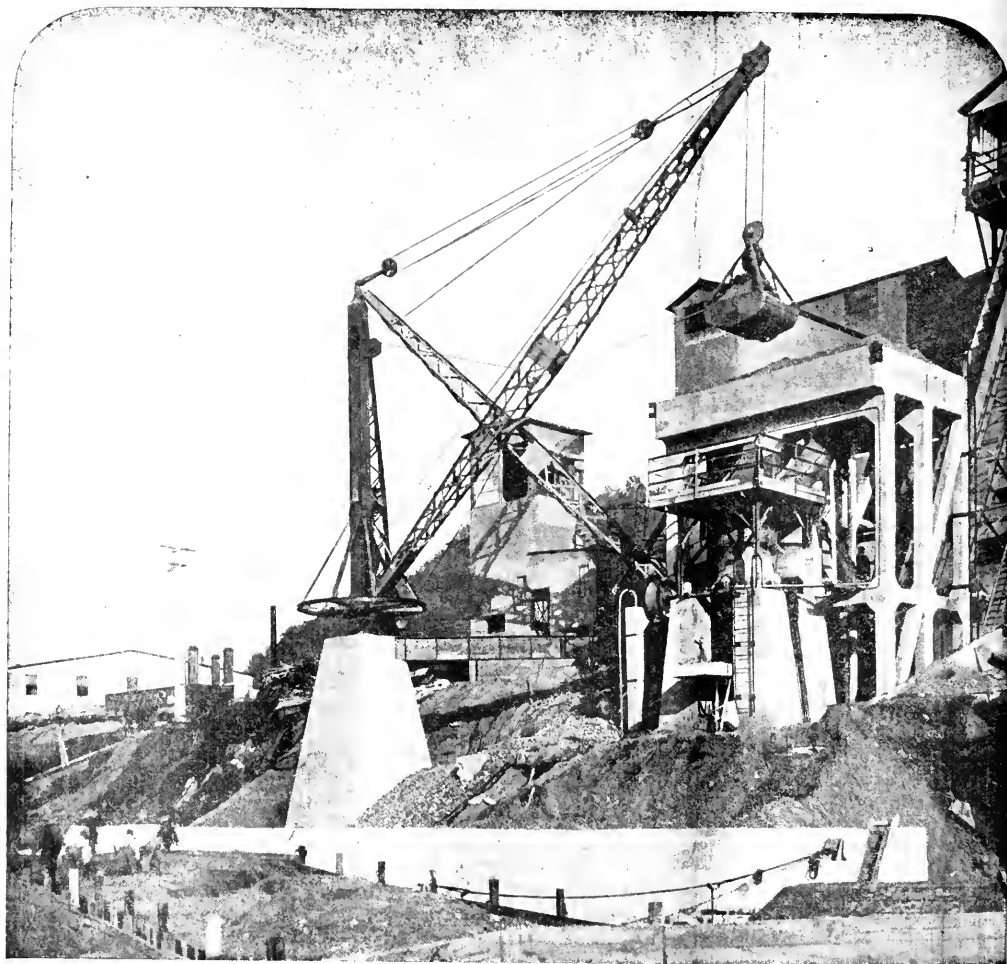
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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., NOVEMBER 11, 1922

Twenty-second Year No. 45



No. 560 Mission Street,
San Francisco, Calif.

MRS. L. A. LAUSEN, Publisher
J. P. FARWELL, Managing Editor

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

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Stockton Architects' Association
Fresno Builders' Exchange
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SWAYNE LUMBER COMPANY PUBLISHERS
CHASING TIMBER TRACT

The Swayne Lumber Co., of Oroville, announces the purchase of 167,000,000 feet of timber in the Plumas County National Forest at the head of the Little Fork, from the Government at approximately \$360,000. The timber covers about 14,000 acres of land. A logging railroad twenty-one miles long will be constructed in the district, connecting with an existing road forty miles long. The forest service which will supervise the cutting of the timber which is in the sugar and yellow pine belt of the Sierras, estimated today that it would take eight years to convert it into lumber. All young and thrifty trees will be left for future growth. The logs will be shipped over the Swayne company's railroad to their mills here for milling. The prices reported to be received by the government are \$3.50 per 1000 feet for sugar pine, \$2 for yellow pine and \$1 for other species.

SAN JOAQUIN LIGHT AND POWER
IMPROVING HOLDINGS

San Joaquin Light and Power Co., of Fresno, to provide additional facilities for wholesaling power to the Midland Counties Public Service Corporation, is constructing 30 miles of high tension power line, reconstructing two substations and building six miles of telephone line. The work will cost \$550,000. Steel towers will be used to carry wires through Santa Barbara forest for distance of 33 miles; for a distance of fifteen miles out of McKittrick on the valley end and 12 miles out of Santa Maria on the coast end of the line, wooden poles will be installed. Towers will be of fabricated steel, 16 ft. wide at base, 4 ft. wide at top and 65 ft. high of the 3-arm type, the arms extending 7 ft. on each side. A. Emory Wishon is manager of the San Joaquin Light and Power Company.

Opinion That Construction Costs Will Decrease Refuted By A. G. C.

That construction costs will continue to increase to a higher level than at present, and that demand for construction will continue for some years to come, is the opinion of the Associated General Contractors of America, in a statement to James A. Wetmore, acting supervising architect, who is quoted as authority for the statement that within the next 18 months the country may look for a very material drop in the cost of building.

The United States Advertiser it is reported that \$15,000,000 worth of Federal buildings throughout the country are being held up for a drop in the cost of construction expected within the next 18 months.

Not only has the cost of building been going up for several months, according to the Associated General Contractors, but so has the cost of materials. Wages in the building trades have more recently begun to increase also. The general average of wholesale prices has been increasing since the first of the year.

"The behavior of all these prices in increasing during a time of recovery from business depression" state the contractors, "is entirely normal. It is a phenomenon which always occurs during like periods. We believe it is a very strong indication that prices in general have been stabilized for the present on a new price level in the neighborhood of seventy per cent higher than that which prevailed in 1913. This means that prices will continue to go up until the present period of prosperity is fully established and will not go down again until the beginning of the next business depression. The next depression will probably be only a moderate one—such as we were familiar with before the war—and will be accompanied by only moderate decreases in prices.

"Instead of expecting that building costs will materially lower eighteen months from now, we anticipate that they will continue to increase during the greater part of that period, and that they will be at that time perhaps, at about the beginning of a decrease but at a point higher than the present. We believe, further, that the decrease which may be expected to begin at

about that time will not go to a point very much below the figures reached during the past winter."

In explaining their reasons for their opinions, the contractors say that the costs of building materials are going up partly because they are partaking of the general tendency of prices to rise during this part of the economic cycle, and partly because we are experiencing a building boom of unprecedented volume. Wages of building labor are increasing partly because of the shortage brought about by this same building boom and partly because of a recovery in other lines of industrial activity, which is already beginning to produce labor shortages.

"One important aspect of this phenomenon" they state, "is the shortage of common labor, which is due, in large measure, to the almost complete extinction of immigration for the past nine years, caused by the Great War and latterly by our present restrictive immigration act. That this shortage of common labor in fields other than the building trades is a very real one is proved by the recent action of the U. S. Steel Corporation, and a number of the other important steel companies, in making large voluntary increases in their wage scales.

"It may be that some believe the present building boom has about run its course, and that, for that reason, building activity will soon diminish and building costs go down. We believe the outlook to be far otherwise. The boom shows no signs of abating. For six successive months the figures for contracts let have been record-breaking. The slight recession of August is less than the usual seasonal recession. As a result of very painstaking investigations it has been estimated that the deficit in building, the country over is so great that building could continue for ten successive years, beginning with this year, at 25 per cent above normal before catching up with that deficit. We do not predict any such sustained activity, but we do point to the figures as proof that there is no possibility of the present building boom coming to an end within the next few months, because of having filled the demand for new construction."

JAIL SENTENCE FOR OVERLOADING
HIGHWAYS

New York state has established a fine of \$50 or a month in jail as the minimum penalty for the first offense in using overloaded motor trucks on the public highway. For the second, a minimum fine of \$50 or two months in jail. For the third offense, the minimum fine is \$100 and the registration of the truck is suspended for a period of not less than 30 days nor more than 6 months. The new law just passed to protect the state highways, limits loads to 28,000 pounds, with a maximum load per wheel of 9800 pounds and a maximum load per inch of tire of 700 pounds. Use of rubber tires worn to within one inch of the metal flange is prohibited. Trucks not exceeding 2 ton capacity are limited to a speed of 20 miles per hour, and trucks of over two tons to 15 miles. Trucks with pneumatic tires are allowed an additional five miles

per hour speed. Excess loads when discovered must be unloaded on the roadside. Under the new law 150 truck drivers were fined in one day.

INVENTS NEW STEEL

Through the personal efforts of Mason Grover, a blacksmith of Bidwell, O., the government is in possession of a secret process by which a finer quality of steel than that now turned out may be produced. Grover's steel is produced from ordinary iron at a few cents per hundredweight, the iron being subjected to the secret process which makes the finished steel so hard that it will readily cut any other piece of steel, resist friction, retain its temper and withstand more than double the strain of other steels. Grover has refused offers from steel manufacturers seeking his process, but he has turned the formulas over to the government.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

September was the fifth consecutive record-production month in the Portland cement industry according to figures of the United States Geological Survey just released. Daily production was at the rate of 831,000 barrels, as compared with 726,000 in August, the best full month on record. Since April production has been at a monthly rate well over 1,000,000 barrels in excess of the best previous month on record. Shipments during September, although totaling less than August, because of transportation difficulties and car shortage, with at the rate of over 1,600,000 bags per day. (There are four bags in a barrel of 376 pounds. As Portland cement enters into practically every form of construction and is used as soon as shipped during summer months, figures as to shipments of that commodity serve as the best index of construction activity. The enormous construction program now under way is the biggest factor in hastening the return of business prosperity. Shipments of Portland cement this year will probably total close to 110,000,000 barrels, as compared with 98,000,000 during 1920, the best previous year. For the past five months Portland cement plants in the country have been producing at the rate of 137,000,000 barrels per year, which means that when the farmers and the railroads again enter the construction market there will be plenty of this useful material to meet their needs.

More paint and varnish products were used in the United States in 1922 than in any previous year, according to estimates made by the "Save the Surface" campaign, the co-operative organization of the paint and varnish industry, which has its headquarters in Philadelphia. While figures for the year are still incomplete, information received from individual manufacturers indicates that practically all of them will show greater sales tonnages than ever before. Figures as nearly official as possible will be presented to the trade at the paint congress to be held in Atlantic City November 13-17, which will be the most important gathering that this trade has yet had. The hotels, the Ambassador and the Ritz Carlton, will be required to accommodate the delegates. It is expected that more than a thousand persons will assemble in Atlantic City for the deliberations of the Congress and they will represent every phase of the paint manufacturing and distributing business. Herbert Hoover, Secretary of Commerce, and George Wharton Pepper, Senator from Pennsylvania, are among the national figures who will deliver addresses at the congress, which will be made up of the annual meetings of the National Paint, Oil & Varnish Association, the Paint Manufacturers' Association of the United States and the National Varnish Manufacturers' Association.

Oakland, during the month of October established a new high record for building activity. During the month 1922 building permits were issued for improvements totaling approximately \$2,316,332. Of these, 384 permits were for new buildings totaling \$2,238,781 and 161 permits for repairs, alterations and additions costing \$78,252. An increase of nearly 25 per cent over the business of last year is shown in comparison of records for October, 1921, and October, 1922. In 1921 the total permits were 273 and the total building value is \$1,245,220. The largest previous month recorded is that of September of this year when 868 permits were issued.

Private building operations in San Francisco for the month of October represent an expenditure of \$4,719,394, a gain of \$2,220,871 over the totals for the same month in 1921 and those of September of this year by \$1,767,536. The October activities show that for the first ten months of the year more than \$40,000,000 has been expended in San Francisco. Indications point to a \$50,000,000 year, making 1922 San Francisco's banner building year.

The Road Builders' Equipment Co., Portland, Ore., has been appointed Northwest distributors for the Koppel Industrial Car and Equipment Company, manufacturers of dump cars, portable track, etc. The manufacture of this line was taken over during the war by an all-American owner company from the alien property custodian and it now is operated by Americans.

Properties of the Saddle Mountain Logging Co., in Oregon, including a stand of 300,000,000 feet of lumber and about twenty-five miles of logging railroad, have been taken over by the Eastern and Western Lumber Co., of Portland, Ore., on an option which the company has held since last summer.

The Bakersfield Paint & Supply Co., recently organized, has opened quarters at 718 Nineteenth St., Bakersfield, and will handle a complete line of paints, oils, varnishes, wall board, roofing and electrical supplies. C. A. Stevens, N. Seammhorn and E. L. Stevens are interested.

Col. Wm. D. Uhler, Chief Engineer for the Pennsylvania State Highway Department, died in Harrisburg, Pa., October 27. During the war Uhler was an assistant to Major General George Gehlens on highway matters.

The California Wall Bed Co., of San Francisco, has purchased property in Thirtieth Street between Alice and Jackson Streets, Oakland, and will operate a factory for the manufacture of wall beds.

The United States Chamber of Commerce predicts no relief from high rents can be expected for from eighteen months to two years. The building boom of the past year is most remarkable but the saturation point is in the far future. The construction of the first nine months of this year is already \$100,000,000 greater than the entire building of 1921.

The U. S. Radium Corp., 58 Pine St., New York, has issued a set of catalog sheets, compiled primarily for architects, covering radium illuminated articles announced by different manufacturers. The set is in a folder with convenient printed label for ready filing and reference.

The Sunset Sash, Door and Mill Co., of Los Angeles, has been incorporated with a capital stock of \$250,000. Directors are C. A. Knowles, H. J. Emster, and H. T. Woolton.

L. C. Hammond is now general manager of the Hammond Lumber Company's Eureka operations. G. W. Fenwick taking up quarters at the San Francisco office of the company.

The Simpson-Gray Lumber Co. and the Stockton Lumber Co., C. B. Bird, manager, announces the establishment of permanent offices at Sonoma and Commerce streets, Stockton.

Building activities in Reno, Nevada for the month of October totaled \$46,300.

ALONG THE LINE



The time quarry on the Dardin Ranch in the Alisal district, near Salinas, has been purchased by Los Angeles capitalists who proposed to construct a cement plant. The purchase embraces some 7000 acres and the purchase price is said to exceed \$250,000. The plant will employ from 600 to 700 men.

A bond election will be held in Tracy, San Joaquin County, December 12, to vote \$27,000 for water main extensions; \$15,500 for street improvements; \$65,450 for sewage disposal plant and \$18,000 to erect firehouse and purchase apparatus. W. D. Harrington is City Engineer of Tracy.

Earle Russell, formerly structural engineer for MacDonald & Kahn, San Francisco engineers and contractors, has opened an office for private practice in the Santa Fe Building, San Francisco.

The M. and H. Piston Ring Co., Capitalized at \$100,000, has filed articles of Incorporation with the county clerk in Oakland. Directors are: John and Chas. I. Chartz, Chas. A. McCharles and R. C. Savage, all of Carson City, Nevada.

The Gerrard Wire Tying Machine Co., Inc., Pacific Coast Division, now located at 688 Townsend street, has leased the building now under construction at 224 Spear Street, San Francisco.

J. W. Ludlow, who has been acting engineer of the Los Angeles harbor commission, has been made permanent harbor engineer at a salary of \$400 per month.

The San Francisco Sulphur Co., 624 California St., San Francisco, will erect a brick sulphur refinery in North Point Street near Grant Avenue at a cost of \$40,000.

Chas. Winters, pioneer lumberman of Washington, died in Seattle October 31. He came to Washington in 1880 and engaged in lumber industry until his retirement a few years ago.

The University of California will build a granary at the University Farm at Davis, Calif. The structure will be equipped with the latest type of machinery.

The Union Oil Co. has purchased 60 acres of land adjoining its refinery at Oleum, Contra Costa County, and proposes to construct a number of oil storage tanks.

The annual convention and banquet of the Southern California Retail Lumber Dealers Association will be held at the Alexandria Hotel, Los Angeles, November 18th.

Building in Bakersfield for the month of October totaled \$179,408, as compared with \$14,414 for September, according to City Building Inspector T. W. Dupes.

Preston R. Davis, 80 years of age, formerly county surveyor of Sonoma county, died in Sonoma November 1.

MORE PLUMBER APPRENTICES IS NEED, SAYS SACRAMENTO CONTRACTOR

It is better for a young man with a mechanical bent to be a good plumber than to try "higher education," and fail as a professional man in some line for which he is not fitted.

Such is the declaration of J. R. Wilson of the Lattourrette-Fical Co. of Sacramento, in a discussion of the apprentice question which is being agitated in Sacramento at the present time, and which has resulted in a demand for a first class trade school in connection with the new Sacramento high school.

Outlining his views on the question, Wilson said:

"The national association is turning its attention to the subject of the necessity for the plumbing trade to become actively interested in the apprentice problem. We believe that this campaign is indeed an important one for the future of the trade and we are glad to see the association devoting its remarkable resources and the value of its prestige thereto.

"In one of our foremost magazines the other day a very brilliant man said that, in some ways, this is an age of overdone education. He said that too many young men whom nature cut out to be mechanics, good mechanics, good business men, were going in for "higher education" which would fit them for no practical good and for which they were not fitted.

"And the man is right. What we need is a race of trade trained men who know their business and who can, in after years, be owners of businesses of their own. We are a young country. We have only started to develop. We have just begun to build. We are pioneers in our way just the same as Daniel Boone and Davy Crockett were pioneers in their day.

"We need young men who know which is the business end of a monkey wrench, young men who can lay brick and saw lumber—and most of all we need young men who will learn to be first class, journeymen plumbers.

"The expansion of the sanitary engineering business during the next twenty years will be tremendous. The apprentice of today is the master of tomorrow who will cash in on the great future of the profession.

"Let's show these young fellows the advantages of our trade. Let's tell them of the money to be made, the pride in the job, the service to be rendered! The story is a fine, big one and we must tell them about it!"

S. P. PLACES FOUR MILLION DOLLAR RAIL ORDER

The Southern Pacific Company has placed an order with steel plants in the East for 75,000 gross tons of rails for delivery in 1923, according to announcement of William Sproule, president of the Company. The value of the order, between \$3,000,000 and \$4,000,000. Of the amount of rails ordered, substantially 73,400 tons were placed with the Tennessee Coal, Iron and Railroad Company and the balance with the Lorain Steel Company. Approximately 50,000 tons of the rails, or two-thirds of the amount ordered, will be used on the Pacific System of the Southern Pacific. This will provide a total of 330 miles of rails for use in the West, of which 217 miles is of 6-10-pound rails and 113 miles of 90-pound rails. The 110-pound rails are the heaviest ever used in railroad construction work west of the Rocky Mountains.

Increasing traffic in the West and the use of new and heavier locomotives in hauling trains is responsible to a large extent for the huge rail order placed by the Southern Pacific. The new rails are for use in construction work during the year 1924.

What Are Building Costs?

(A. P. Greenfelder, in The Constructor)

People frequently discuss building costs as if bricks and bricklayers, materials and labor were the only items worthy of consideration. Broadly speaking, men and materials do comprise the total expense in construction work, just as they do in any other article produced for civilized man.

What we wish to emphasize, however, is that most people really think that the walls and floors of a building, the visible completed objects, are the only costs that enter into the expense of erection. They think differently, however, when they find it necessary to buy a stick of wood at the lumber-yard or a pair of hinges at a hardware store, which may be needed for an extra partition after they have moved into the new building.

From their own books business men know just the sort of expense items they must add to the cost for fixed charges, operating expense and legitimate profits. They understand that their selling prices must include rent, taxes and insurance, contingency charges, interest and profits.

Builder Has "Overhead"

The builder is a merchant. He is also a manufacturer, differing from the usual producer in that the builder's factory is portable and frequently without a roof, at least until nearly the end of the job. The builder has a fixed office, a warehouse and yards for storage of machinery and materials. The annual upkeep of these adjuncts must be sustained by field construction executed during the year.

The builder also has selling expense. He must advertise and call upon architects, engineers and owners before his estimator to make a quantity survey of the plans, because the owner does not tell him what he tells everybody else he buys from—the quantity of materials he wants to purchase. The builder's purchasing agent then locates the material at market prices; and, after careful estimates are made, conferences held and a financier consulted, a contract is made with a future owner and the builder assumes the title and agency of a contractor.

As agent, the contractor arranges to incur the following expenses: surety

bonds, liability, fire and tornado insurance, building permits, water license, city inspection fee, temporary public utilities service, transportation of materials and drayage of equipment. Not a single item would be visible to a visitor to the building site, and yet they may constitute 10 per cent to 15 per cent of the cost. Then there is bank interest, because the owner does not advance money for payrolls and material bills. There is also ice and coal, oil, stationery, carfare, postage, rope, perishable tools, scaffolding, demerage, war taxes and other miscellaneous items which are consumed.

Equipment High Cost

On a job of any size at all, the contractor must provide labor-saving equipment, such as concrete mixers, steam shovels, derricks, hoisting machines, power saws and similar machinery. While they are truly labor-saving and produce economy, they cost about 4 per cent of their value each month. Then, there is the greatest of intangibles, brains, which, mingled with experience, good judgment, aptitude and industry, produce that supervision which makes for good results, brains insure satisfactory service. This is represented in the contractor's organization in many ways. The ablest superintendent, for instance, makes the fewest mistakes, has initiative, plans his work ahead, keeps his men working cheerfully together and gets a quality job done ahead of time within the estimated cost. Such men earn good wages and are worth it. Every merchant and manufacturer knows how scarce leaders are.

Then appear such contingency items as frost, rain, labor strikes, railroad delays and accidents, many of which are common to most industries, but all of which frequently confront the contractor. The law of averages applies the proper charge on such items to the work. Finally, to the actual outlay for materials and labor must be added a remuneration for the contractor sufficient to induce him to remain in business, subject to hardships and risks, and yet keep his financial credit good enough to start the next job.

Do you still think men and materials embrace all building costs?

Los Angeles Building Operations For Past 10 Months Totals \$100,895,480

Building operations in Los Angeles for the month of October totaled \$11,580,427, the second largest monthly total for the year 1922. No large projects are listed in the operations for October. During the month 4951 building permits were granted, the housing operations having a value of \$7,675,300, exceeded that for any previous month in the history of the city. October also brought Los Angeles building total for the year over the hundred million mark, the total for 10 months being \$100,895,480, which is \$35,985,720 more.

The most gratifying feature of the October building total is that it was made up very largely by ordinary building operations. Permits were issued for only two Class A buildings with an estimated valuation of \$420,983, and 63 Class C buildings with an estimated valuation of \$1,153,712. This construction represents chiefly business buildings.

Housing operations for October were

represented by 2045 permits for dwellings, flats and apartment houses with an estimated valuation of \$7,675,300, or 41.3 per cent of the total number of permits and 66.3 per cent of the total valuation for the month. Accommodations are provided by these dwellings for 3080 families, or 13,860 persons, computed on the census ratio of 4 1/2 persons to each family.

The following table gives the valuation and housing operations for ten months of 1922, together with the totals for all building, for the purpose of comparison:

	Total	CL.A.B.C Housing
January	7,795,169	\$1,500,298
February	7,559,798	5,119,493
March	10,964,829	2,976,253
April	12,959,686	6,058,900
May	9,327,501	1,190,766
June	10,662,265	1,296,382
July	8,064,018	1,458,711
August	11,523,891	2,186,877
Sept.	10,267,894	2,167,020
October	11,580,427	1,574,695
		7,675,300

FRESNO CO. SURVEYOR SLATED FOR DIRECTOR OF PUBLIC WORKS

Chris P. Jensen, Fresno county surveyor, is a candidate for the office of Director of Public Works of the State of California, an appointive position. That his candidacy is being favorably considered is the well grounded rumor current in Fresno and the bay district.

Jensen's candidacy is based upon his record established while surveyor of Fresno county, one of economy. The major points in his favor are a saving to the county of \$250,000 by reducing overhead expense on roads to 5 per cent, and the victory over the Warren Brothers, paying contractors with a saving to the county of more than \$200,000 in royalties on a type of paving designed by Jensen which was claimed to be an infringement on the Warren patents.

Jensen was born in Contra Costa county in 1873. He came to Fresno in 1876, and received his education in Fresno schools. He studied engineering in San Francisco.

Jensen's first work of any magnitude, after entering private practice as an engineer, was undertaken when he assisted in the construction of the Madera Sugar Pine company's flume, carrying out its original system of logging railroads.

The surveyor specialized in road construction, for which he is a recognized authority of the state. Irrigation, sewage disposal and water units.

Jensen has designed and superintended the construction of sewage disposal systems and water works for Reedley, Dinuba, Clovis, Sanger, Fowler and Strathmore, and was consulting engineer for Bakersfield and Lodi on sewage disposal.

In 1909, Jensen was appointed Fresno city engineer, occupying the position for four years. In 1919 he took the office of Fresno county surveyor, which he has since held.

In his present capacity, Jensen has supervised the construction of more than three hundred miles of road which was improved under the \$4,800,000 bond issue voted here in 1919.

Up to the present time, Jensen has built or has under construction 160 miles of standard pavements, 43 miles of gravel macadam road and 113 miles of mountain roads.

U. S. CIVIL SERVICE EXAMINATIONS ANNOUNCED

The U. S. Civil Service Commission, 241 Post Office Bldg., San Francisco, announces examinations will be held in the immediate future for the following positions:

Marble polisher, \$840 per annum. Vacancy in the custodian service, San Francisco, Calif.

Skilled laborer, qualified as carpenter and locksmith, \$840 per annum. Vacancy in the custodian service, San Francisco, Calif.

Assistant petroleum economist (oil and gas production), \$1500 to \$2100 per annum. Vacancy in the bureau of miners, department of the interior, headquarters at Pittsburg.

Laboratory (chemical, physical, engineering) \$1200 to \$1500 per annum. A vacancy in the federal classified service throughout the United States.

General mechanic, \$720 to \$1000 per annum. Vacancies in the departmental service, Washington, D. C., or elsewhere, and in the Indian service throughout the United States.

Architectural draftsman, \$1600 to \$2000 per annum. Vacancies in office of the supervising architect, treasury department, and in the veterans' bureau, Washington, D. C.

Inspector (mechanical), \$720 per annum. Vacancies at the naval station, Pearl Harbor, T. H.

Master Painters' Assn. To Hold Ladies' Night

Extraordinary preparations are being made for entertaining the ladies of the members of the Master Painters' Association of San Francisco Nov. 25, at the Fairmont Hotel.

This is an annual event and the Committee in charge, composed of Pres. A. D. Sutherland and First Vice Pres. B. H. Garnette, are sparing no efforts to make it a success. There will be a banquet entertainment and dance. For entertainment the Committee has engaged Miss De Fiddes' Million Dollar "Let's Go" Revue. At 9 p. m. the President and Mrs. Sutherland will lead the march that starts the dancing. During the march souvenirs will be given to the ladies. The usual dancing contest between the two oldest couples present will take place at 11 p. m. This event is particularly interesting as it shows the older generation is as up to date as the younger folks.

The annual election of officers takes place Dec. 6. The present officers are: Pres. J. Sutherland; First Vice B. H. Garnette; Second Vice Geo. T. Bowen;

Third Vice L. J. Neal; Fourth Vice H. Axt; Secretary F. La Torres; Treasurer M. Cohn; Statistician R. Postler and Sergeant at Arms E. Porter.

It is rumored that "dark horses" will be in the field for the honors of holding office next year; however the President's office is secure as no one would stand much of a show against the present incumbent.

The annual convention of the State Master Painters takes place in Los Angeles this year and the local organization will be largely represented with the expectation of securing the 1923 convention for San Francisco. A strong boosters committee is being formed by the Associations of the Bay Counties to push forward the candidacy of Mr. A. D. Sutherland for next state president.

These conventions are attended by paint, oil, varnish, brush and wall paper manufacturers and other kindred producers and it is here that the new creations for home decorations for the ensuing year are first seen.

WALLACE, SECRETARY FEDERATED ENGINEERING SOCIETIES, COMPLETES COAST TO COAST TOUR

L. W. Wallace, executive secretary of the Federated American Engineering Societies, has completed a coast-to-coast tour, during which he set in motion plans for Federated expansion.

Stressing the great influence exercised by the Federation, since its organization about two years ago under the presidency of Herbert Hoover, and evidencing this by the report of its committee on the Elimination of Waste in Industry, as well as by the report of the committee on Work Periods in Continuous Industry, as well as by other substantial achievements, Wallace was attentively heard by large engineering gatherings in many cities.

Everywhere, he reports, engineers are recognizing the enormous possibilities for technical and public service in the Federation as the instrument of expression and action of the engineering profession in America.

Wallace began his notable tour from New York, speaking first to the engineering students of the University of Nebraska at Lincoln. He next addressed a joint meeting of constituent societies under the auspices of the Colorado Society of Engineers at Denver. He also spoke before the faculty and students of the Colorado School of Mines at Golden.

At San Francisco, his principal stop, he addressed the meetings of the American Society of Civil Engineers and the American Institute of Mining and Metallurgical Engineers, urging before the latter body revision of the mining laws.

The first stage of his journey included addresses before the Joint Technical Societies of Los Angeles and the engineering students of the University of California.

Returning, Wallace spoke at the following places: State College, Pullman, Wash.; University of Idaho, Moscow; Oregon Agricultural College, Corvallis; Oregon Technical Council, Portland; Associated Engineers, Spokane; State School of Mines and Montana Society of Engineers, Butte; Duluth Engineers Club and Engineers Club of Northern Minnesota, Duluth.

The final events of the trip were two meetings in Columbus, O., where Wallace addressed a luncheon meeting of the Chamber of Commerce, and later, the industrial engineering students of Ohio State University on "Waste in Industry."

"Elimination of Waste in Industry" will be the theme for discussion at the sixth annual New York State Industrial Conference to be held at the Hotel Lafayette, Buffalo, for three days, beginning November 21.

Wallace will deliver the opening address, his topic being "Wasteful Industrial Habits." H. F. Simmons of the General Electric Company, Schenectady, will speak on "How to Prevent Waste of Materials." Other speakers will include Governor Nathan L. Miller.

USE OF TAR ON ROADS

Tars and tar products are fast replacing mineral-oil products for surfacing roads. This fact may be variously ascribed to the increasing supply of suitable tars, the decreasing supply of suitable mineral-oil products, increased appreciation and recognition of the suitability of tars, and the more general availability of tars in practically all parts of the country.

A number of specifications have been drawn up for the tar to be used for this purpose, a fact not at all surprising in view of tars being produced under so many different conditions, and the roadbed, surfacing materials, and traffic and climate conditions differing widely from place to place. Road tars are used for various purposes, and may be applied in different ways to obtain a particular result—a further cause for the wide variance in specifications. They may be used as a binder in place of cement, as in bituminous macadam roads, for dust-settling purposes or for cementing material—in grouting—in the construction of brick, stone, or wood-block pavements. Although the material used for these purposes is usually either a soft pitch or a refined tar, or a mixture of the two, it is quite generally termed "road tar."

BUT WHERE'S THE ROAD?

The following paraphrase of Longfellow's poem hangs on the wall of the New York State Highway Commissioner's office:

Hordes of autos now remind us
That we should build our roads to stay,
And departing leave behind us
Kind that rains don't wash away.
When our children pay the mortgage
Father's made to haul their loads,
They'll not have to ask the question,
"Here's the bonds, but where's the road?"
—Author Unknown.

Building News Section

APARTMENT HOUSES

Contract Awarded.
APARTMENTS Cost, \$25,000
OAKLAND, Alameda Co., Cal. W. Col-
lege Ave. 100 S. Chabot Rd.
Three-story 20-room frame apartments
Owner—P. T. Gray, 355 Grand Ave., Okla.
Contractor—John Vaughn, 1124 Hampel
Oakland.

Plans Being Figured.
APARTMENTS Cost, \$20,000
SAN JOSE, Santa Clara Co. Market
between San Fernando & Park Ave.
Two-story reinforced concrete apts.
Owner—G. W. McKernan.
Architect—Wolfe & Higgins, Auzeais
Bldg., San Jose.
Figures are being taken for a general
contract.

Contract Awarded.
APARTMENTS Cost, \$23,618
SAN JOSE, Santa Clara Co., Cal. E.
Santa Clara St., bet. 14th and 15th
Streets.

**Two-story frame apartment house (8
apartments)**
Owner—R. J. Taylor of the Crown Tail-
oring Co., San Jose.
Architect—Wolfe & Higgins, Auzeais
Bldg., San Jose.
Contractor—J. Thorp, Auzeais Bldg.,
San Jose.

Contract to be Let on Percentage Basis
—Sub-Figures to be Taken This
Week.

APARTMENTS Cost, \$45,000
SAN FRANCISCO, N. Filbert 140 E.
Larkin St. 44137-6.
Two and three-story frame and stucco
terraced apartment house (9 apts. of
2, 3 and 5 rooms; 5 servants'
rooms, garage for 8 machines with
turntable).
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St.,
San Francisco.

Contract Awarded.
APTS & GARAGE Cost, \$43,500
OAKLAND, Alameda Co., Cal. N. E. 51st
St. and Desmond.
12 4-room frame apartments & garage.
Owner—Waldo E. Etia A. Smith, 5113
Broadway, Oakland.
Contractor—Harry C. Knight, 388 12th
St., Oakland.

Preliminary Plans Being Prepared.
APTS & STORE Cost, \$27,000
SAN FRANCISCO, N. California W. Hyde
Three-story frame apts. & store bldg.
(5 4-room apts & 1 store).
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St.

Contract Awarded.
APT HOUSES & GAR. Cost, \$13,500 ea
OAKLAND, N. 29th St. 560, 405 W. Tele-
graph St. and S. 30th St. 390 W. Telegraph.
Four 2-story 16-room frame apart-
ment houses and 4 garages
Owner—B. S. Huntington, C. Deuble,
M. A. Wallin & H. E. Lamarz.
Contractor—California Builders, 1534
Franklin St., Oakland.

Contract Awarded.
APTS & GAR. Cost, \$14,000
OAKLAND, S. Croxton St. 110 E. Pied.
Two-story 16-room apts & garage.
Owner—B. F. Scott, 14 Yosemite Ave.,
Oakland.
Contractor—S. C. Walker, 3231 Boston
Avenue, Oakland.

Plans Completed.
APT. & OFFICE BLDG. Cost, \$50,000
UKIAH, Mendocino Co., Cal. School St.
and Stanley St.
Two-story the store, office and apt.
bldg. (4 4-room apts. and 4 offices).
Owner—A. Perrelli-Minetti, A. L. Wes-
sels and A. Sanchez.
Architect—Jos. A. Leonard, Ukiah, Cal.

To Be Done By Day's Work.
APARTMENTS Cost, \$25,000
SAN FRANCISCO, S. W. Cole St. and
Parnassus Ave.
Three-story and basement (12) apts.
Owner—John J. Binet, 336 Church St.

Owner Taking Figures.
APARTMENTS Cost, \$125,000
SAN FRANCISCO, SW Taylor and
Adelaid Place.
Six-story and basement steel frame
and reinforced concrete (41)
apartments.
Owner—R. J. O'Brien and T. F. Kler-
nan, 110 Sutter St., San Francisco
Architect—Albert W. Burgren, 110
Sutter St., San Francisco

Contract Awarded.
APARTMENTS Cost, \$15,000
OAKLAND, Alameda Co., Cal. Lot 16
Batchelder Tract.
Four four-room frame apartments and
garages.
Owner—Clarissa F. Hamilton, 1329
Jackson St., Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th
St., Oakland.

Plans Being Prepared.
APARTMENTS Cost, \$12,000
SAN FRANCISCO, Geary St. near
Fifth Avenue.

**Two-story frame and plaster apart-
ment house and store building (2
apartments and 2 apts.)**
Owner—Mr. Myself
Architect—E. E. Young, 251 Kearny
St., San Francisco.

Contract Awarded.
APARTMENTS Cost, \$24,000
SAN FRANCISCO, S. O'Farrell 92-6 E.
Franklin Street.
Three-story and basement frame (12)
apartments.
Owner—Alfred E. Hind.
Architect—W. G. Hind, 885 Webster
St., Oakland.
Contractor—H. W. Hind, 885 Webster
St., Oakland.

Plans Completed.
APARTMENTS Cost, \$18,000
SAN FRANCISCO, SE Anza and Ninth
Ave.
Three-story and basement frame (6)
apartments.
Owner—Chas. Ellis, 1011 Lake St., San
Francisco.
Architect—A. Wagstaff, 658 41st Ave.,
San Francisco.

LOS ANGELES, Cal.—Archts. Aleck
Curlett and Claud Beelman, 408 Union
Bank Bldg., L. A., have completed
plans and are taking bids for a 10-story
and basement, class A apt. house to be
erected at s. e. cor. of Wilshire Blvd.
and Berendo St. for A. C. Blumenthal.
Bids are to be in Dec. 1. Separate bids
will be taken for gen. contr., plumbing,
painting, heating, mechanical equip-
ment and refrigeration system, or for
all work complete in one contract. The
bldg. will be 145x145 ft. and will con-
tain 325 rooms arranged in apartments
of from 4 to 10 rooms each; reinf. conc.
constr., press, brick and cast stone ex-
ter., pine trim, oak fls., marble and
wood fireplace, lobby ornamented in
staff, 4 elevators, tiled bathrooms, stn.
htg., laundry, fire escapes; \$1,000,000.

BANKS

Contract Awarded.
BANK BLDG. Cost, \$10,000
SACRAMENTO, 520 K St.
Brick and tile work on bank bldg.
Owner—Bank of Italy, 1112 7th St.
Sacramento.
Architect—Geo. C. Sallan & Co., Mitau
Bldg., Sacramento.
Contractor—H. E. Drake, 180 "J" St.,
Sacramento.

Plans Being Prepared.

OFFICE BLDG.
LOS ANGELES, L. A. Co., Cal. E. 1st
St. and Alameda St.
Five-story class A warehouse and of-
fice bldg., 60x270.
Owner—Los Angeles Soap Co.
Architect—Morgan, Walls & Morgan,
Van Nuys Bldg., L. A.

Contracts Awarded.
OFFICE BLDG. Cost, \$30,000
SAN FRANCISCO, N. E. Market and
Drumm.

Alter, 8-story office bldg. (marble, tile
work, etc.).
Owner—Dunn-Williams Co.
Architect—S. Helman, 37 Post St.
Marble work awarded to Mission Mar-
ble Co.
Reflooring Corridors to Stedman Prod-
ucts Company.

Completing Plans.
OFFICE BLDG. Cost, \$1,500,000
SAN FRANCISCO, SE Market & Beale
Streets.
Seventeen-story and basement Class A
brick, steel and concrete office bldg.
Owner—Pacific Gas & Electric Co.
Architect—Bakewell & Brown, 251
Kearny St., San Francisco.
Consulting Engineer—C. H. Snyder.
Consulting Mechanical Engineers—
Hunter & Hunter.

It has not been decided whether the
contract will be let on a percentage
basis or let entirely by sub-contracts.
However, all sub-contracts will be let
directly by the Engineering Department
of the owner.

Bids Opened.
BANK BLDG. Cost, \$20,000
PENNINGSVILLE, Sonoma Co., Cal.
Two-story reinforced concrete bank
building.
Owner—Central Commercial & Savings
Bank.
Architect—Chas. E. Perry Jr., P. O. Box
636, Vallejo, Calif.
The following bids were received.
The contract will be awarded to the
lowest bidder.
Geo. Barenchi, 921 Kentucky St., Val-
lejo, \$21,629; 110 days.
Ward & Jones, San Francisco, \$23,490;
100 days.
A. M. Hildebrand, \$24,296; 120 days.
Wm. Procter, Santa Rosa, \$24,916; 130
days.
J. Pringle, \$25,500; 120 days.
Jas. L. McLaughlin, San Francisco, \$26,-
550; 120 days.
Barrett & Hilt, San Francisco, \$27,720;
150 days.

Contract Awarded.
BANK BLDG. Cost, \$1,000,000
FRESNO, Fresno Co., Cal., Mariposa
and J Streets.
10 or 15-story class "A" steel frame
fireproof office and bank bldg.
Owner—Pacific Southwest Trust & Sav-
ings Bank (Fidelity Branch, W. A.
Sutherland, General Mgr), Fresno.
Architect—Engineers & Contractors—
R. P. Felchin Co., Fresno, Cal.
\$1,000,000 for 15-story and \$75,000 for
10-story. Definite decision as to
the exact height of the structure will be
determined shortly. Entire ground
floor will be occupied by the bank
which will expend \$200,000 in fixtures
and equipment.

Contract Awarded.
BANK BLDG. Cost, \$21,629
PENNINGSVILLE, Sonoma Co., Cal.
Two-story reinforced concrete bank
building.
Owner—Central Commercial & Savings
Bank.
Architect—Chas. E. Perry Jr., P. O. Box
636 Vallejo, California.
Contractor—Geo. Barenchi, 921 Ken-
tucky St. Vallejo.

FRESNO, Fresno Co., Cal.—Dr. F. L.
R. Barks, Valley Bank Bldg., Fresno,
has purchased the lot at the southeast
corner of Mono St. and Van Ness Ave.,
and plans to erect a two or four story
business bldg.

DINUBA, Tulare Co., Cal.—The Chamber of Commerce has appointed a committee to select a site and secure estimates for a new office building, to house quarters of the Chamber. Committee consists of Clarence Wilson, H. L. Andrews, H. L. Perry, H. J. Barnett and H. T. Hayden.

BONDS

LAKEPORT, Lake Co., Cal.—Election scheduled for Nov. 14 in Clear Lake Union High School District has been cancelled by trustees due to irregularities in advertising proceedings.

EUREKA, Humboldt Co., Cal.—City council proposes to call election to vote bonds to finance purchase of new rails and equipment for Municipal Railway system. John Griffiths is city supt. of public works and Harry H. Hannah, city engineer.

SACRAMENTO, Cal.—City Manager Clyde L. Seavy will submit report to City Commissioners to improvements proposed under a \$1,250,000 bond issue. Bonds will be provided, through the issue, for the purchase of the Riverside Baths; improvements to city parks; extensions to water mains and sewer and street improvements. Albert Givan, city engineer.

TRACY, San Joaquin Co., Cal.—December 12 is date set to vote bonds of \$125,000 for improvements, \$75,000 for extensions to water mains; \$15,000 for curbing, draining, paving and graveling street intersections; \$65,540 for sewage disposal plant; \$18,000 for erection of fire house and purchase of apparatus. W. D. Harrington, City Manager.

YUBA CITY, Sutter Co., Cal.—Bonds of \$250,000 voted in Yuba City Union High School District to finance construction of a high school building. No architect has been selected as yet to prepare plans for the structure.

MADERA, Madera Co., Cal.—County supervisors sell \$20,000 bond issue of Chowchilla School District for premium of \$2040; proceeds of sale to finance construction of a new school.

FALLON, Nevada.—Churchill County Board of Education sells \$65,000 bond issue of Fallon School District for premium of \$3241; proceeds to finance improvements at high school building. Wood & Lamb, Hagelstein 1442, Sacramento, are the architects. Bids will be called shortly for the construction of the building (a 1-story frame and stucco addition).

STOCKTON, San Joaquin Co., Cal.—County supervisors sell \$25,000 bond issue of Shady Grove School District for premium of \$1536 and \$15,000 issue of Manteca Union High School District for premium of \$1312; proceeds of sales to finance school improvements.

OROVILLE, Butte Co., Cal.—Nov. 29 is date set in Honcut-Yuba Irrigation District to vote bonds of \$1,656,411 to finance construction of works in district. Plans were prepared by Engineers McCray Brothers, known as the Tunnel Diversion Plan. A. F. Folsom is President and Fred M. Turner, secretary of the district.

EAST SAN DIEGO, Cal.—The \$31,000 bond issue to purchase an existing water system failed to secure the necessary two-thirds majority at the recent election.

WILLIAMS, Colusa Co., Cal.—Election will be called to vote bonds to finance construction of water and sewer system. Preliminary estimates have been made by Eng. Chas. E. Sloan Co., Santa Fe Bldg., San Francisco.

SAN LUIS OBISPO, Cal.—The San Luis Obispo High School and its equipment have been declared "out of date" according to a report submitted to A. H. Mahley, city supt. of schools, by experts appointed to make a survey of the building. It is probable that an election will be called to finance construction of a new structure.

PLACER, Butte Co., Cal.—Trustees of Placerville High School District will call election to vote bonds of \$100,000 to finance construction of a new high school building.

CHURCHES

Plans Being Prepared
CHURCH Cost, —
LOS ANGELES L. A. Co. Los Angeles and Marshesault.
Class "A" church 48x84
Owner—Plaza Community Center Ch. Architects—Train & Williams, 226 Wtn. Mutual Life Bldg., L. A.

STEGER, Contra Costa Co., Cal.—Steger Presbyterian Church, Rev. R. L. Webb, pastor, campaigning for funds to erect new church building. Committee of which John Greely is chairman, has \$7857 on hand.

SALINAS, Monterey Co., Cal.—Gabilan Street Methodist Church, Rev. John S. Troxell, pastor, is planning the erection of a modern church building and has appointed a building committee composed of Chapman Foster, Geo. La. C. Louis Schneider, Harvey Burchell and Mrs. W. L. Wiley.

TAFT, Kern Co., Cal.—Rev. Q. M. Buttfield, pastor of Methodist Ch., has made plans and will ask bids to erect new church building. Will contain auditorium, 36x60 ft., seating 400. Basement will contain Sunday school quarters.

FACTORIES & WAREHOUSES

To Be Done By Day's Work.
WAREHOUSE Cost, —
GLENDALE, L. A. Co., Cal.
Two-story class "A" furniture warehouse 50x80.
Owner—Robinson Bros. Transfer & Fireproof Storage Co., 304 Brand St., Glendale.
Architect—Edw. T. Flaherty, 435 I. W. Hellman Bldg., Los Angeles.

Contracts Awarded.
MFG. BLDG. Cost, —
SAN FRANCISCO, N. Turk 87-6 Hyde St.
Factory, mezzanine floor and basement, Class B reinforced concrete manufacturing building.
Owner—Chas. C. Miller
Architect—Martin A. Shelton, 110 Sut. Bldg., San Francisco.
General Contract to R. J. H. Forbes, Mendocino Bldg., \$75,716.
Electric Work to Frank J. Klimm, 221 Oak St., \$297.
Plumbing and Sewer Work to Thos. Sh. B., 1322 9th Ave. \$4949.
Freight and Passenger Elevators to Van Emsa Elevator Co., 1161 Howard St., \$8383.

Contract Awarded.
WAREHOUSE Cost, \$15,000
FRESNO, 5th & H St.
Brick warehouse with composition fl. Owner—Madary's Planing Mill, Santa Clara and H Sts., Fresno.
Architect and Contractor—F. Felch-Bro. Co., Bank of Italy Bldg., Fresno.

Plans Being Prepared.
SAN FRANCISCO Cost, —
SAN FRANCISCO, 16th and Harrison Streets.
Five-story and basement reinforced concrete factory.
Owner—Richard Hellman Mfg. Food Products Co., Long Island, N. Y.
Engineer—A. Torrigino, Mills Bldg., San Francisco.

Construction Postponed Indefinitely.
PACKING PLANT Cost, —
Petaluma, Sonoma Co., Cal. East Petaluma.
Below The Packing Plant, 110x220 ft. plant. Contractors—Producers of California, 325 E. Washington St., Petaluma.
Architect—Baumgardner Bros., 110 Washington St., Petaluma, Calif.
Low bid was submitted by Ward & Jones, 100 Jessie St., San Francisco, at \$42,988.

Contract Awarded.
SHED Cost, \$82,780
SAN PEDRO, L. A. Co., Cal. Berth 232. Shed transfer shed.
Owner—Los Angeles Harbor Comm. Contractor—Austin Co. of California, Pacific Electric Bldg., L. A.

FRESNO, Fresno Co., Cal.—Fresno Consumers Ice Co., H. F. Allard, manager, will construct \$90,000 concrete 2-story annex to its plant at Mono and P Sts. Structure will be 90x60 ft., and will contain 16,200 sq. ft. floor space. A feature of the annex will be a 6-inch insulation of cork on four sides of the structure. First floor will house a shop freezer for meats, fish, etc., the second floor for canned foods and the third floor for egg storage.

YERINGTON, Nevada.—Yerington Creamery Co. awards contract to Fred Little, Yerington, to construct creamery building. Plans for the structure were prepared by Prof. Scott of the University of Nevada.

DINUBA, Tulare Co., Cal.—The Dinuba Planing Mill has purchased site in West Tulare St. and will erect a planing mill to cost \$70,000, including machinery.

OLEUM, Contra Costa Co., Cal.—Union Oil Co. purchases 60 acres of land adjoining its present holdings on which it proposes to construct additional storage tanks.

FRESNO, Fresno Co., Cal.—Fresno Hardware Co., 1247 J St., Fresno, has purchased a site in J street and plans the erection of a four-story \$160,000 building, according to H. E. Vogel, president of the company. Further details will be given later.

SAN JOSE, Santa Clara Co., Cal.—Until Nov. 29, 11 a. m., bids will be rec. by Henry A. Hester, county clerk, to erect a building in this county to furnish cement, rock and sand for same. Spec. may be had from clerk.

ORLAND, Glenn Co., Cal.—Twenty Kadiak growers have formed an organization to construct a cannery to handle the 1923 crop. The State organization has intimated it will construct such a building this season. The growers have appointed the following committee to confer with the state association regarding the project: R. E. Hicks, E. H. Johnson, H. M. Keene and Mrs. M. M. Lane.

WILKINGTON, L. A. Co., Cal.—Wm. A. Hellman Constr. Co., 900 Merritt Bldg., L. A., has the contract on a percentage basis for the erection of an oil refinery near Wilmington, to cost \$6,500,000, for the Shell Oil Co. The site covers about 1 sq. mi., and the work will consist of power plant, pumping stations, tank farms, offices, garages, employees' quarters, store bldgs. and road work. Work will start immediately. The gen. contr. desires bids on all sub-contracts.

FLATS

Owners Sub-taking Figures.
FATS Cost, \$17,500 ea.
SAN FRANCISCO, E. Van Ness Ave. 117-9 and 151-6 W. Filbert.
Two 2-story and basement frame flat bldgs. (4 flats each).
Owner—Boss & Hill, 1120 Market St.
Architect—Edw. E. Young, 251 Kearny.

To Be Done By Day's Work.
FATS Cost, \$9,000 each
SAN FRANCISCO, Oak St. 87-6 and 112-6 W. Scott St.
Two 2-story and basement frame flat bldgs. (4 flats each).
Owner—D. Taylor, 1433 Cabrillo St., San Francisco.
Architect—None.

To Be Done By Day's Work.
FLATS Cost, \$9,000 each
SAN FRANCISCO, E. Sixth Ave. 125 N. Cabrillo St.
Two 2-story and basement frame flat bldgs. (4 flats each).
Owner—G. Hunstet, 2245 15th St., San Francisco.
Architect—None.

To Be Done by Day's Work.
FLATS. Cost, \$13,000.
OAKLAND. Alameda Co., Cal. S
 Birch Ct. 100 E College Ave.
 Two-story 16-room frame flats.
 Owner—W. Swift, 5169 Shafter
 Ave., Oakland.

GARAGES

Figures To Be Taken Next Week.
GARAGE. Cost, \$25,000.
KING CITY. Monterey Co., Cal.
 Two-story concrete garage.
 Owner—Frank E. Gause.
 Architect—Wyckoff & White, Growers
 Bank Bldg., San Jose.

Plans Being Figured.
GARAGE. Cost, \$25,000.
KING CITY. Monterey Co., Cal.
 One-story reinforced concrete garage.
 Owner—W. J. Hamilton.
 Architect—Wyckoff & White, Growers
 Bank Bldg., San Jose.

Figures to Be Taken in a Week.
EXTENSION. Cost, \$65,000.
SAN FRANCISCO. No. 150 Turk St.
 Two-story reinforced concrete ex-
 tension to garage.
 Lessee—Star Garage Co.
 Architect—Jos. L. Stewart, Claus
 Spreckels Bldg., San Francisco.

OAKLAND. Alameda Co., Cal. Bids
 were received as follows on Nov. 22,
 by the City Clerk of Oakland for the
 construction of a brick garage in rear
 of Northern Police Station in 52nd St.
 near Telegraph Ave.
 S. J. Bertelsen, \$8330
 A. J. McPhie, 8890
 F. W. Maurice, 9350

VISALIA. Tulare Co., Cal.—F. H.
 Whipple, garage owner, is having plans
 prepared for a three-story garage and
 office building at the corner of Bridge
 and Chestnut streets. Structure will cost
 approx. \$100,000.

SAN JOSE. Santa Clara Co., Cal.—
 Until November 20, 11 a. m. bids will
 be received by Henry A. Plaster, county
 clerk, to construct garage near county
 courthouse. Cert. check 10 per cent
 addition to clerk required with each
 bid. Plans obtainable from office of
 clerk.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Until Nov. 22,
 10:30 a. m. bids will be received by
 Panama Canal Commission for fuel and
 oil, for and del. under Circular No. 1599; oil puri-
 fier, tractor mowers, steel rope, high-
 tension insulators, electric motor,
 transformer, steel filing cabinets,
 dough-mixing machine, water coolers,
 machine bolts, steel rivets, brass
 cocks and valves, copper wire, seizing
 wire, barbed wire, poultry netting,
 fuses and attachment clips,
 mop handles, padlocks, snaths, tracks,
 solid rubber tires, rubber-and-fabric
 tubing, steam hose, water and air hose,
 canvas, leather, roofing, ready roofing,
 sheets (lead, brass and copper), pig
 tin, ferromanganese, furnace cement,
 lye, soap, polish, rubber, tape, sand-
 paper, emery cloth, bag board and
 cypress. Copies of Circular No. 1599
 may be had from Assistant Purchas-
 ing Agent, Fort Mason, San Francisco.

BENICIA. Solano Co., Cal.—Following
 buildings at the Benicia Arsenal will
 be sold at public auction Friday, Dec.
 1, 10:30 a. m.: Frame cottage, officers
 quarters, dwelling, 2 story No. 1; frame
 buildings, officers' quarters, double
 dwelling, 2 story No. 5 and frame
 building, warehouse, one story No. 2.
 Prospective purchasers are requested to
 inspect the building prior to sale.

WASHINGTON, D. C.—Following
 bids received at Washington to install
 grilles in Veterans' Hospital at Palo
 Alto, Cal.:
 St. Louis Wire & Iron Co., 926 Chou-
 teau Ave., St. Louis, \$3500.
 F. P. Smith Wire & Iron Works, 2340
 Claybourne St., Chicago, \$3490.
 As previously reported, the follow-
 ing bids were received at Palo Alto:

Kloeres & Koch, 243 Columbus Ave.,
 San Francisco, Calif., \$3440; Folsom
 Street Iron Works, 18th and Treat Ave.,
 San Francisco, Calif., \$6200; Golden
 Gate Iron Works, 1511 Howard St., San
 Francisco, Calif., \$4125; New San Fran-
 cisco Wire and Iron Works, 531 Gough
 St., San Francisco, Calif., \$9600; Mon-
 arch Iron Works, 327 7th St., San Fran-
 cisco, Calif., \$12,800; West Coast Wire
 and Iron Works, 867 Howard St., San Fran-
 cisco, Calif., \$12,800.

WASHINGTON, D. C.—Bids are being
 received by Bureau of Supplies and Ac-
 counts, Navy Department, for fur, ma-
 terials to navy yards; the date for
 opening bids as noted at end of each
 paragraph.

Schedule 259, Mare Island, 4000 lbs
 flake lubricating graphite, Nov. 21.
 Schedule 260, Mare Island, 3750 feet
 galvanized steel pipe, Nov. 21.
 Schedule 261, Bu. of Eastern and Western
 navy yards, steel wire nails, Dec. 12.

HALLS AND SOCIETY BUILDINGS

Contract Awarded.
ADDITION. Cost, \$12,000.
SALINAS. Monterey Co., Lincoln Ave.
 Two-story frame and plaster addition
 to club house; auditorium seats,
 electric heating and ventilating sys-
 tem, etc.
 Owner—Salinas Civic Club, Mrs. C. R.
 Melander, president.
 Contractor—F. C. Carlson, Salinas, Cal.

WATSONVILLE. Santa Cruz Co., Cal.
 —Watsonville Lodge, Royal Order of
 Moose, contemplates the erection of a
 modern lodge hall and club building.
 A schedule of plans has been called to
 work out means of financing.

LOS ANGELES. L. A. Co., Cal.—B. D.
 Kronmick, 312 W. 39th St., L. A., has
 been awarded the general contract at
 \$56,885 for erecting a 2-story brick
 Masonic temple at Pasadena Ave. and
 Ave. 56 for Highland Park Masonic
 Temple Association.
 R. D. Reed at \$2397 and wiring to Bert
 Patterson at \$2500. Heating and paint-
 ing contracts have not been let. Total
 cost, \$70,000. Jeffery & Schaefer, 1105
 Kernochan Bldg., L. A., architect. Edg-
 will contain 6 stores in 1st story, lodge
 rooms and banquet rooms in the upper
 story, 60x140 ft., ruff. brick and terra
 cotta facing.

LOS ANGELES. L. A. Co., Cal.—Win-
 ter Construction Co., 2141 Sacramento
 St., L. A., was low bidder at \$65,500 for
 erecting new University branch library
 building at n. w. cor. of University Ave.
 and 11th St. Highest bidder, J. E. Kerton,
 629 Metropolitan Bldg., L. A., archts.
 Other bids were: Willard-Brent Co.,
 \$66,700; Davies Constr. Co., \$67,000; Rav-
 in & Birch Co., \$67,297; Glenn O.
 Winget, \$67,500; Davidson Constr. Co.,
 \$65,500; L. A. Bldg. & Contracting Co.,
 \$69,625; Frank Hudson, \$70,816; Hubert-
 Wardall Constr. Co., \$71,935; H. M. Bar-
 nard, \$79,857; Leaver-Culbertson Co.,
 \$82,500; Richardson Bldg. & Eng. Co.,
 \$84,752.

WATSONVILLE. Santa Cruz Co., Cal.
 —Watsonville Lodge, L. O. O. F., con-
 templates the construction of a 2-
 story addition to the present lodge
 structure, the addition to be used for
 apartments and office rooms. A passen-
 ger elevator will be installed.

OAKLAND. Cal.—Construction of a
 ten-story fireproof lodge and club
 store and office building in the north
 side of 14th street between Broad-
 way and Franklin, with a frontage of
 125 feet, and a depth of 100 feet, cost-
 ing \$1,500,000 is planned by the Oak-
 land Woods Club, which now occupies
 the structure on the site.

HOSPITALS

Contracts Awarded.
Nurses' Home. Cost, \$40,000.
SAN JOSE. Santa Clara Co., Cal.
 Two-story and basement frame nurses'
 home (tile roof)
 Owned by Santa Clara Hospital Ass'n
 Architect—Binder & Curtis, 255 1/2 S 1st
 St., San Jose.

General Contract to Frank T. Edmunds,
 113 W. 8th St., San Jose, \$55,874
Hearing to J. E. O'Mara, 113 Minna St.,
 San Francisco, \$3430

Plans to Be Prepared.
HOSPITAL. Cost, \$250,000.
ALAMIDA. Alameda Co., Cal. Clinton
 Ave. and Willow St.
 Three-story reinforced concrete hospi-
 tal.
 Owner—Alameda Sanitarium, Miss
 Kate Creighton, 2051 Clinton, Ala.

Preliminary Plans Prepared.
COTTAGES. Cost, \$ —
LIVERMORE. Alameda Co., Cal. 45
 acres adjoining Arrow Sanitarium
 cottages, swimming pool, tennis courts
 etc., for Children's Outdoor Farm
 Owner—Alameda County Anti-Tuber-
 culosis Ass'n, 3105 Grove St., Okla.
 Architect—Henry H. Meyers, Kohl
 Bldg., San Francisco.

It will be known as the "Del Valle
 Farm," to be used as an outdoor farm
 for under-nourished children to pre-
 vent tuberculosis.

Plans Being Prepared.
ADDITION. Cost, \$10,000.
OAKLAND. Alameda Co., Cal. 18th
 and Poplar Sts.
 Two-story reinforced concrete addi-
 tion to Detention Home (Juvenile
 Court, cells, etc.)
 Owner—Alameda County.
 Architect—Henry H. Meyers, Kohl
 Bldg., San Francisco.

Figures to Be Taken Shortly.
DORMITORY. Cost, \$25,000.
MARTINEZ. Contra Costa Co., Cal.
 One-story hollow tile nurses' dormi-
 tory.
 Owner—Contra Costa County.
 Architect—Jas. T. Narbett, 910 Mac-
 donald Ave., Richmond.

YREKA. Siskiyou Co., Cal.—Siskiyou
 County Grand Jury recommends con-
 struction of one story and basement
 concrete addition to the present county
 hospital, for which \$40,000 is available.

MERCED. Merced Co., Cal.—Archit-
 ect Ira W. Hoover, Merced, Calif., will
 ask bids within the next few days to
 construct the Merced Hospital in 27th
 St. bet. L and W Sts. Plans have been
 completed and call for a 2-story hollow
 tile structure to cost approx. \$60,000
 (41912). 1st report April 8, 2nd report

SAN JOSE. Santa Clara Co., Cal.—
 The Santa Clara County Supervisors
 returned all bids and postponed the open-
 ing until November 13, 1922, 11 A. M.,
 for the improvements to the County
 Hospital as follows: Alterations and
 additions to Old Ladder Hospital, con-
 structing fireproof (50 bed) addition;
 constructing garage for twelve ma-
 chines; alterations of rear porches of
 main building for each main building;
 protection and for painting the main build-
 ing's residence. Plans and specifi-
 cations on file in office of the County
 Clerk.

The following bids were received for
 painting the County Hospital build-
 ings. All bids were rejected and new
 bids will be called for later. (1) Main
 building, (2) Supp. Residence, (3) T.
 B. Pavilion, (4) Water Tower and Tower
 Wm. Loebe (1) \$—; (2) \$485; (3) \$—;
 (4) \$375.
 Wm. M. Herman (1) \$6784; (2) \$353; (3)
 \$174; (4) \$27.
 J. P. Jarman (1) \$5910; (2) \$357; (3)
 \$1995; (4) \$475.
 Geo. Laufen (1) \$6520; (2) \$280; (3)
 \$229.50; (4) \$—.
 L. Zolusky for all buildings, \$6920.

REDWOOD CITY. San Mateo Co., Cal.
 —As previously reported, bids will be
 received by Elizabeth M. Nash, county
 clerk, to construct incinerator, for
 landscape work, kitchen equipment,
 roads walks, water supply, storage
 tanks and lighting of grounds in con-
 nection with the county hospital build-
 ings. See call for bids under official
 proposal section in this issue.

FRESNO. Fresno Co., Cal. — State
 Board of Charities has approved plans
 for the erection of two temporary ward
 buildings at Fresno county hospital.
 D. M. Barnwell is county clerk.

SACRAMENTO, Cal.—The State Architects office has awarded a contract to the H. P. Fischer Tile & Marble Co., 318 North California St., Stockton, for tile and marble work in the kitchen and dining hall building at Agnew State Hospital. Contract price \$359.60 days. The firm, file submitted a bid at \$495.10 days.

SACRAMENTO, Cal.—The Latourrette-Fical Co. of Sacramento, submitted the lowest bid for the heating system in the Sutter Hospital building, a six-story reinforced concrete structure now under construction. It is being erected on L street between 28th and 29th streets in Sacramento from plans prepared by Architects Meyer & Johnson of San Francisco.

SANTA CRUZ, Santa Cruz Co., Cal.—B. E. Crews, supt. Santa Cruz county hospital, has been directed by supervisors to submit a report on needed improvements at the county hospital. Supt. Crews will inspect the Alameda county hospital with a view to incorporating some of the features of that structure in the Santa Cruz buildings.

HOTELS

Plan To Be Prepared.
HOTEL Cost, \$150,000
MADEIRA, Madera Co., Cal., Yosemite

and "H" Streets.
Four-story and basement fireproof htl. 150x100 (80 to 100 rooms).

Owner—Company to be incorporated headed by the Chamber of Comm. Architects—Kenneth MacDonald & M. Conchot, 231 Pine St., S. F.

Sub-Contracts Awarded.

HOTEL, H. F. Bldg. Cost, \$1,000,000
FRESNO, Fresno Co., Cal., S. W. Inyo and J. Sts.

Ten-story reinforced concrete hotel bldg. Owner—California Hotel Co.

Architect—R. F. Felchlin, Bank of Italy Bldg., Fresno

Mill Work to Fresno Planning Mill, Fresno.

Plumbing, Heating & Sheet Metal Wk. to Barrett-Hicks Co., 1031 Broadway, Fresno.

Brick Work to Paul Kinder, 145 North Van Ness, Fresno.

Composition Roofing to Valley Lumber Co., "H" and Mono Sts., Fresno.

Glass to W. L. Fuller & Co., Fresno.

Ceramic Tile to Valley Tile Co., 801 Broadway, Fresno.

Marble Work—Mission Marble Co., 365 Guerrero St.

Carpentry & Concrete Work—R. F. Felchlin Co.

Wiring—Valley Electric Supply Co., 117 Tulare St., Fresno.

Sprinklers—Turner Co., San Francisco.

Painting—D. Zelinsky, 180 Jessie St., San Francisco.

Excavation—Thompson Bros., Fresno.

Tile Roofing—E. C. McMullen.

Plastering—A. Knowles, Call Bldg., San Francisco.

To Be Done By Day's Work.

LODGING HOUSE Cost, \$10,000
STOCKTON, San Joaquin Co., Cal., 112 S. American St.

Lodging House.

Owner—Triolo & Caletini, 36 S. California St., Stockton.

MONROVIA, L. A. Co., Cal.—Harold Bruce Dunn, 137 S. White Oak Ave., Monrovia, has been commissioned to prepare plans for a \$600,000 class A group of hotel bldgs. to be erected on Gold Hill at the head of Myrtle Ave.

Monrovia is a reproduction of the Indian architecture cliff dwelling settlement in New Mexico, for the Cliff Dwellers Inn Co., Arthur B. Benton, 1548 Sunset Blvd., L. A., consulting archt. The main and supplementary canyon side bldgs. will be eight, conc. const. Main bldg. will be 1-story, 150 ft. front and 60 ft. deep, containing 100 guest rooms each with bath, dining rooms, lobby, basement 8-story group will be of 20 buildings, will contain 10 to 20 rooms each with bath in each room. Other bldgs. of brick tile and adobe const. will include 50 types each with bath, 50 wigwags each with bath, hot water heating system plan in separate bldg., swimming pool, 50x250 ft., bath house, Mission chapel, 50x100 ft. at top of group, with organ, roof garden. There will be an ext. incline elevator from bottom to top of canyon.

POWER PLANTS

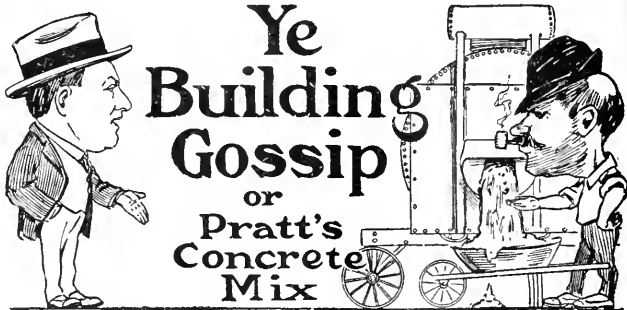
FRESNO, Fresno Co., Cal.—San Joaquin Light and Power Co., 1801 Tulare St., Fresno, to provide an additional facilities for wholesaling power to the Midland Counties Public Service Corporation, is constructing 50 miles of high tension power line, reconstructing two sub-stations and building six miles of telephone line. The work will cost \$550,000. Steel towers will be used to carry wires through Santa Barbara forest for distance of 28 miles; for a distance of fifteen miles out of Me-

Kittick on the valley end and 12 mi. out of Santa Maria on the coast end of the line, wooden poles will be installed. Towers will be of fabricated steel, 16 ft. wide at base, 4 ft. wide at top and 65 ft. high of the 3-arm type, the arms extending 7 ft. on each side. A. Emory Wison is manager of the San Joaquin Light and Power Company.

PUBLIC BUILDINGS

Contract Awarded.
BUILDING
FRESNO, 1161 F St.

Cost, \$20,000



PRATCO, Monterey Co., Nov. 7.—110 precincts complete out of a possible 23 gives Andy Gump for Congress a majority of 97. At the big sand producing plant located on Sandy Lane and operated by the Pratt Building Material Co., every employee of this Sand Co. voted for Andy, because he wears no man's collar. Great crowds seeking returns on Andy Gump, blocked traffic here to night on Pratto street in front of the Amber Sand Building. Andy lost but one vote which was defective. Many two to one bets were made on Andy.

WESTWOOD PARK, Nov. 7.—30 precincts in beautiful Westwood Park, home of Sandy Pratt, sand king and our mayor, gave Gump 1000 and opposition 21. Same precincts in 1920 gave Harding 25,000 and Cox 13,000. Power Act, for 13, against 23.

MARYSVILLE, Calif., Nov. 7.—In the 7th ward where the Pratt Building Material Co. have their Marysville white sand pit, Andy Gump for Congress leads by 10,000. All the sand washers and sand diggers voted for Mr. Gump, because his wife Min made them "sand switches" (sandwiches) from Pratt's sand and the Yuba River's willow trees.

AMERICAN RIVER BRIDGE (one mile from Sacramento) Nov. 7.—Andy Gump polled a heavy vote in the American River near the Pratt Building Material Company's sand producing plant. Tabulation of the Gump vote will not be taken till the sand diggers fill the fleet of railroad cars with sand. One voter tried to vote 10 times for Andy. A great sand slide is predicted for the people's choice. Andy, tired from his campaign, slept in the "bed" of the American River.

THE ABOVE explains.

WHY CLARENCE Sand Pratt, President.

OF THE Pratt Building Material Co.

DOUGLAS 300—"easy to remember."

WORKED and voted.

FOR ANDY Gump, the people's choice.

FOR CONGRESSMAN.

ANDY HAD the "sand" (Pratt's Amber).

TO RUN independent.

OF EVERYBODY and everything.

AND AS Andy Gump.

IS FOR the common people.

CLARENCE SAND Pratt proposes.

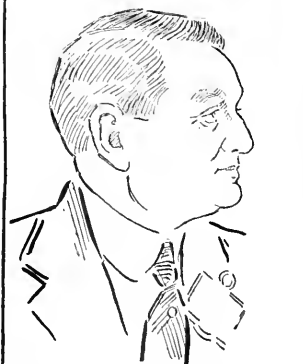
THAT ANDY rides to Washington.

IN A car.

OF CLEAN, sharp sand.

FROM ONE of Pratt's sand pits.

"I THANK you."



CLARENCE F. "SANDY" PRATT,
OWNER OF A SACRAMENTO
SAND BANK, IS THE
NOISIEST MEMBER

This photo made by a Chronicle Artist at a luncheon of the Rotary Club in the Palace Hotel, shows the largest exclusive shipper of clean, sharp sand in California.

Four-story building.
Owner—J. Malcanco, 1161 F St., Fresno.
Contractor—Jos. Lo Forti, 2206 Webster Street, Fresno.

Bids to be Advertised for in About a Week.

STADIUM. Cost, \$1,000,000
BEIRKELEY, Alameda Co., Cal. Strayberry Canyon.
Reinforced concrete memorial stadium 72,000 seats.

Owner—University of California.
Architect—Commission comprised of E. E. Carpenter, Geo. F. Buckingham and John Galen Howard, University of California, Berkeley.

SAN FRANCISCO.—Funds to constr. a one story addition to the Ferry bldg. will be sought at the next session of the State Legislature, it is announced by E. T. Hite, president of the California Development Ass'n. The addition will contain a glass enclosed esplanade permitting an unobstructed view of the harbor shipping.

PETALUMA, Sonoma Co., Cal.—Following bids (partial list) taken under advisement by Board of Education for furniture, shades and linoleum for the new Junior High School:

Cline Furniture Co., Petaluma: 550 sq. yds. linoleum, \$2.65; \$2.34; \$2.10 and \$2.04, 100 shades, each, \$2.20; 100 Venetian blinds, each, \$16.55.

Nielsen Furniture Co., Petaluma: Linoleum, \$2.35 and \$1.85.

Lisher Furniture Co., Napa: Linoleum \$2.47.

Cline Furniture Co., Petaluma: Shades \$1.85; Linoleum \$2.51; desks, \$10.25; 50 arm chairs \$17.35; flat top desks \$12.40; 40 arm chairs, \$5.65; 20 oak desks \$25.50; 2 six in. tables \$45.

M. L. Meeks representing the Western States Furniture Co.: Desks \$4.95; 50 premium chairs \$12.50; 50 steel chairs \$10.40; teachers desks \$45.25 and \$52; library chairs \$8 and \$4; one roller top desk \$14.75; tables \$26.50; and \$210; linoleum \$3.15 and \$2.50; shades \$43 \$25.

Stewart's Sales Co., San Francisco: Desks \$10.38; patent top desks \$19.85; tab. chairs \$11.75 and \$11.47; 50 steel chairs \$12.40; 40 arm chairs \$5.65; 20 oak desks \$25.50; 2 six in. tables \$45; 50 roller top desk \$14.75; tables \$26.50; and \$210; linoleum \$3.15 and \$2.50; shades \$43 \$25.

J. F. Weber Co., San Francisco: desks \$13.38; movable desks \$15.88; table chairs \$7.10 and \$8.35; library chairs \$14.69, \$11.20, \$9.05 and \$5.43; T. desk, \$7.84; \$8.20; \$24.00; office desk \$21.83; \$102.75; library desk, \$161.30, \$84.59 and \$71.20.

Wentworth & Co., San Francisco and Oakland: Desks \$10.25; No. 2 \$10.13; teachers' desk \$35.34; \$36.56; tab. chairs \$7.75 and \$8.30; library chairs \$7.06 and \$5.81; flat top desks \$62.25 and \$57.25; library table \$135.75.

State Mfg. Co.: Desks \$9.20 and \$8.45; Rucker-Fuller Desk Co. desks \$10.40, \$8.55 and \$9.60; teachers' chairs \$8.60, \$8 and \$9.60; library chairs \$8.55 and \$8.25; desks \$27.10; library table \$60.

C. H. Jensen Co.: Shades \$7.50.
George Ott, representing Richmond School Furniture Co.: Richmond desks, \$10.25; tab. chairs \$9 and \$8.50; linoleum \$2.85 and \$3.20.

George Ott: Economy movable desks \$10.25; front \$9.35 and \$8.25; tab. chairs \$9.45; T. desk \$8 and \$4; \$8.25 and \$8.45; George Ott: Desks \$10.25; front \$9.60; and \$8.85; tab. chairs \$16.35 and \$11.35; teachers' desks \$45.45 and \$59.

SAN FRANCISCO.—Until Nov. 22, 3 p. m., bids will be received by Board of Public Works for elevator repairs in the San Francisco hospital, 22nd and Potrero streets. Estimated cost \$800. Bond of \$2000 required of successful bidder. Specifications may be had from Bureau of Architecture, 2nd floor, city hall.

LONG BEACH, L. A. Co., Cal.—C. T. McGrew & Sons, 1345 W. Ocean Ave., Long Beach, were low bidders and were awarded the contract at \$117,433 for com. finishing four floors and basement, hollow tile partitions, painting, plumbing and wiring in completing the new City Hall bldg. in Long Beach. Ralston Iron Wks., San Francisco, acts for the Penitentiary Co. of L. A. County. Was awarded the jail cell contract at \$30,370 on an addition of \$1350 for using special steel. The bids for the elevators were: Bar Iron Works, \$25,422; Llewellyn Iron Wks., \$37,780; and Otis Elevator Co., \$49,765. All bids on this work held under advisement.

W. Horace Austria, 222 First Natl. Bank bldg., Long Beach, archit. Full list of bids: General contract—C. P. McGrew & Sons, \$117,433; M. H. Walters, \$111,456, this bid was rejected not carrying a check or including specified items. W. G. Reed, \$121,700; W. J. Hornin, \$125,000; Davidson Constr. Co., \$168,136; J. W. Wells; Ralston Iron Works, \$30,370; Brombacher Iron Works, \$29,607, \$500 extra for 8th floor groundwork; Van Dorn Iron Works, Cleveland, Ohio, \$21,297; Elyanor's Baker Iron Works, \$35,452; Llewellyn Iron Works, \$38,780; Otis Elevator Co., \$19,765.

SAN JOSE, Santa Clara Co., Cal.—The Supervisors of Santa Clara County opened bids on November 6th for painting the county court house including roof, fire-wall, dome and flagpole.
R. Zelinsky, San Francisco, \$3,200
W. M. Herman, \$3,200
J. P. Jarman, \$4,785
Contract awarded to R. Zelinsky.

RESIDENCES

To Be Done By Day's Work.
DWELLINGS. Cost, \$2800 each
13 1-story and basement frame dwigs.
Owner—Moneta Inv. Co., 233 Pacific Bldg.
Architect—Moneta Inv. Co., 233 Pacific Bldg.

Contract Awarded.
RESIDENCE. Cost, \$16,082
SAN FRANCISCO, E. Cherry St., 119-6 N. Washington.
All work except finish hardware, window shades, light fixtures and paint for a one-story and basement frame residence 40x84.
Owner—Helen S. Levy, 68 Post St.
Architect—Alfred Henry Jacobs, 110 Sater St.
Contractor—A. L. Stone, 4234 Kirkham

Plans Being Prepared.
DWELLINGS. Cost, \$8000 each
SAN FRANCISCO, Ingleside Terrace.
Five 2-story frame dwellings.
Owner—Dunn & Williams.
Architect—S. Heiman, 57 Post St.

Contract Awarded.
RESIDENCE. Cost, \$11,340
OAKLAND, Alameda Co., Cal., Ashmont and Mandana Blvd.
Two-story and basement frame and plaster residence (9 rooms and garage).
Owner—J. T. Bracken.
Architect—Chas. W. McCall, Central Bank Bldg.
Contractor—H. C. Andresen, 1229 Pearl St., Alameda.

Plans Being Prepared.
RESIDENCE. Cost, \$16,000
PIEDMONT, Alameda Co., Cal.
Two-story frame and stucco residence and garage (9 rooms).
Owner—Dr. G. R. Broderick.
Architect—Henry H. Meyers, Kohl Bldg., San Francisco.

Owner Taking Figures.
RESIDENCE, ETC. Cost, \$—
LIVERMORE, Alameda Co., Cal.
One-story hollow tile residence and separate garage (9 rooms).
Owner—Dr. W. L. Meyers, Livermore.
Architect—Henry Meyers, Kohl Bldg., San Francisco.

Contract Awarded.
RESIDENCE. Cost, \$18,874
OAKLAND, Alameda Co., Cal. NW Ashmont Ave. and Mandana Blvd.
Two-story frame residence.
Owner—Jas. B. Blum, 666 Mandana Blvd., Oakland.
Architect—Claude B. Barton, 364 Staten St., Oakland.
Contractor—Fred Westlund, 351 12th St., Oakland.

Plans Being Prepared.
RESIDENCE. Cost, \$—
RICHMOND, Contra Costa Co., Cal.
Eleventh and Roosevelt Sts.
Two-story hollow tile residence.
Owner—Jas. T. Narbett.
Architect—Jas. T. Narbett, 910 MacDonald Ave., Richmond.

Contract Awarded.
RESIDENCE. Cost, \$10,300
SAN FRANCISCO, N E Dolores and Liberty streets.

Two-story and basement frame residence.
Owner—Pearl P. Hart, 1045 Sanchez Street.
Architect—Cox Bros., 1309 9th Ave.
Contractor—Mager Bros., 1318 Valencia St.

Plans Being Prepared.
RESIDENCE. Cost, \$8,500
LAKEPORT, Lake Co., Cal.
Two-story frame and stucco residence.
Owner—H. B. Keeling.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

SCHOOLS

OAKLAND, Alameda Co., Cal.—Bids were received on Nov. 6 by the Board of Education of the City of Oakland for the construction and completion of a new building for the Mosswood school at the Oakland School District and Oakland High School District, located at 4th and Webster Sts. Bids were taken under advisement.

MOSSWOOD SCHOOL.
General Work.
Schuler & McDonald, 308 12th St., Oakland, \$80,900
Alt. No. 1 (deduct) \$4500
M. E. Hopper, \$84,980
\$4500
Walter Murch, \$83,150
\$3458
W. G. McGinty, \$88,978
\$5712
Lange & Bergstrom, \$95,000
\$5000
John Morton, \$88,651
\$5213
Chas. L. Trow, \$92,700
\$3500
M. C. Vaughn (No check), \$97,500
\$1000
Lathing & Plastering
W. McIn, 351 12th St., Okd., \$6,994
Alt. No. 1 (deduct) \$215
George Dixon, \$8793
\$500
T. D. Sexton, 10,975
\$1100
A. Knowles, \$8,465
\$470
G. C. Lester, \$8,800
\$1200

Painting
R. Zelinsky, 150 Jessie, S. F., \$2,440
Alt. No. 1 (deduct) \$195
J. D. Zelinsky, \$3,000
\$160
J. A. Turgeon, \$6,920
\$1320
Heating & Ventilating
W. H. Pierd, 5656 College Ave., Oakland, \$10,613
Alt. No. 1 (deduct) \$324
Scott Company, \$10,871
\$120
Carl P. Doell, \$11,556
\$478

Plumbing Work
A. Fiddman, 1001 Park Alameda, \$3,064
Alt. No. 1 (deduct) \$100
W. H. Pierd, 5656 College Ave., Oakland, \$3,013
\$120
Scott Company, \$3,618
\$83
Carl Doell, \$3,141
\$343
J. B. Cruz, \$3,425
\$68
T. R. Catton, \$3,322
\$360
H. G. Newman, \$3,383
\$50

Electrical Work
W. G. McGinty & Son, 351 12th St., Oakland, \$13,110
Alt. No. 1 (deduct) \$305
Kings Elec. Co. (no check), \$14,800
\$520
M. E. Ryan, \$19,433
\$550
Standard Electric Co., \$19,840
\$610
Roberts Mfg. Co., \$19,435
\$575
Newberry Elec. Co., \$19,416
Turner Co., \$19,333
\$500
Watts Electric Co., \$19,695
\$600
NePage McKenney Co., \$19,729
\$580
Spencer Elec. Co., \$19,384
\$650
Advance Electric Co., \$19,113
\$540
Kenyon Elec. Co., \$19,289.82
\$625

Contracts Awarded.
SCHOOL. Cost, \$40,000.
SARATOGA, Santa Clara Co., Cal.
 One-story six-room and auditorium
 frame and tucco school.
 Owner—Saratoga School District.
 Architect—Wyckoff & White, Growers
 Bldg., San Jose.

General contract to Morrison Bros. San-
ta Clara. Cost, \$4,000.
 Planning to build for shortly for
 the hotel.

Plans Being Prepared. Bids Close Nov.
20, 1922, 2 p. m. Cost—

BUILDING.
TULARE, Tulare Co., Cal. Cost—
 Gymnasium and academic building.
 Owner—Tulare Union High School Dis-
 trict (W. D. Cook, Secretary).
 Architect—Santiz & Ryland, Rowell
 Bldg., Fresno.

Plans Being Prepared. Bids Close Nov.
18, 8 p. m. Cost—

ADDITION. Cost—
 Jackson, Marin Co., Cal.
 Addition to school.
 Owner—Larkspur-Corta Madera Ele-
 mentary School District, Jas. A.
 Fay, clerk, Larkspur, Calif.
 Architect—Norman H. Coulter, 16 Kearny
 St., San Francisco.

Contracted. Cost, \$50,000.
 with call and bid. One bid was received
 on approval of \$30. See call for bids
 under official proposals.

Bids To Be Called For in a Few Days.
GYMNASIAUM. Cost, \$50,000.

GILROY, Gilroy Co., Cal. Cost, \$50,000.
 One-story hall, gym, maple floor,
 swimming pool, etc., concrete, steel
 and frame gymnasium.
 Owner—Gilroy School District.
 Architect—Wyckoff & White, Growers
 Bldg., San Jose.

Bids will be called for a general con-
tract at the same time bids will be
called for a steam heating plant with
steel boiler to supply all the buildings

Commission to Prepare Plans.
GYMNASIAUM. Cost, \$20,000.
LAKESIDE, Lake Co., Cal.
 One-story frame gymnasium.
 Owner—Clear Lake Union High School
 District.

Architect—Marrow & Garren, Chronicle
Bldg., San Francisco.
 A bond election will be called for
 shortly.

Contract Awarded. Cost, \$5,493.
WATSONVILLE, Santa Cruz Co., Cal.
 One-story concrete machine shop.
 Owner—Watsonville Union High
 School District.

Architect—Wyckoff & White, Growers
Bank Bldg., San Jose.
Contractor—G. O. Armstrong, Oakland.

The only bid received was
from the West Coast Constr. Co. of
San Francisco at approximately \$700.

LOS ANGELES, L. A. Co., Cal.—
Until 5 p. m., Nov. 16, bids will be received
by Pasadena board of education for
erecting new McKinley school at Pas-
adena. Bids will be opened at 9 a. m.,
Nov. 17, but none to be filed with the sec-
retary of the board before 5 p. m., Nov.
16. Bids will be taken separately on
general contract, plumbing, painting,
heating and electrical work. John C.
Austin and Frank M. Ashley, 1125
Baker-Dewitt Bldg., assoc. archts.
Bldgs. will be of reinforced concrete and
will cost \$250,000.

SAN RAFAEL, Marin Co., Cal.—
Rincon Iron Work, 47 Baythorne St., San
Francisco at \$145 awarded contract to
construct first three-story San Rafael
high school. Other bids: Fair Mfg. Co.,
\$600 and \$700; A. C. Jensen, \$495; Stand-
ard Conveyor Co., \$572.80.

CORCORAN, Kern Co., Cal.—
Until Nov. 17, 6 p. m., bids will be received
by C. C. Watson-Corcoran Union High
School District to construct shop bldg.
at T. H. and road architect. See call for
bids under official printed section
in this issue.

SACRAMENTO, Cal.— Board of Educa-
 tion has purchased a 1-acre site in
 Riverside Road on which it is pro-
 posed to erect the Riverside school;
 also for a lot 40x80 ft. at Fourth and
 F streets for an addition to the Lin-
 coln school.

OAKLAND, Cal.— Until Nov. 20, 4:30
 p. m., bids will be received by J. W.
 Edgemond, secretary, Board of Educa-
 tion, for remodeling Cole school at
 Union and Eleventh Sts. See call for
 bids under official proposals.

SARATOGA, Santa Clara Co., Cal.—
Until Nov. 20, 2:30 p. m., bids will be
received by Sheldon D. Patterson, clerk,
Saratoga School District to install
steam heating system in Saratoga
school. Wyckoff and White, Architects,
Growers' Bank Bldg., San Jose. See
call for bids under official proposals.

SACRAMENTO, Cal.— Following bids
 taken under advertisement by board of
 education to lay and install lighting
 fixtures in the new high school: J. C.
 Florentz Company, \$1,622; Scott, Ly-
 man & Strick, \$2,500; and Laborator-
 Pical Company, with four proposals,
 \$3,220; \$2,190.00, \$1,711 and \$1,612.75.

MONTREY, Monterey Co., Cal.—
Until Nov. 25, 1:30 p. m., bids will be rec.
by James McInosh, Monterey Union
High School District, to install vacuum
heating system in high school buildings.
Norman H. Coulter, architect, 46 Kearny
St., San Francisco. See call for bids
under official proposals.

HANFORD, Kings Co., Cal.— C. F.
 Weber Co., 985 Market St., San Fran-
 cisco, awarded contract by Hanford
 Union High School District, for 145
 seats for the lower floor and to Ruck-
 er-Fuller Desk Co., 677 Mission St., San
 Francisco, for 140 galley seats for the
 high school auditorium.

TULARE, Tulare Co., Cal.— Until Nov.
 20, 2 p. m., bids will be rec. by W. D.
 Cook, secretary, Tulare Union High
 School District, to const. academic
 building, est. cost \$25,000, and gymna-
 sium building, est. cost \$50,000. Swartz
 and Ryland, architects, Rowell Bldg.,
 Fresno. See call for bids under official
 proposal section in this issue.

STORES AND OFFICES

Plans Being Prepared.

STORE BLDG. Cost, \$20,000.
OAKLAND, Alameda Co., Cal. 20th St.
 and Telegraph Ave.

One-story and basement reinforced
 concrete store building (3 stories).
 Owner—Emil Kahn.
 Architect—S. Heiman, 57 Post St. S. F.
 Contractor—Macdonald & Kahn, 130
 Montgomery St., S. F.

Preliminary Plans Being Prepared.

STORE BLDG. Cost—
SAN FRANCISCO, Grant Ave., near Pine
Two-story concrete store building.
Owner—E Rhine and R. J. O'Brien, 245
Montgomery St.
Architect—A. W. Barger, 110 Sutter
Street, S. F.

Contract Awarded.

STORE. Cost, \$16,735.
SAN FRANCISCO, W. Sacramento bet.
Battery and Front Sts.

One-story and basement brick store.
 Owner—H. J. Judell & Co., 126 Front
 St., San Francisco.
 Architect—B. J. Joseph, Cal. Bldg.,
 San Francisco.

Contractor—Monson Bros., 251 Kearny
St., San Francisco.

A. E. Leitch **Fred Clark**

CLARK & LEITCH
ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1110 SECOND ST., SACRAMENTO

Phone Main 726

Contract Awarded.
STORE BLDG. Cost, \$26,000.
OAKLAND, Alameda Co., Cal. S 14th
 Street 99 W. Jefferson.
 One-story brick store building.
 Owner—Eastern Outfitting Co., 581
 14th St., Oakland.
 Architect & Contractor—Wm. Knowles,
 Central Bank Bldg., Oakland.

To Be Done by Day's Work.

AUTO SALES ROOM. Cost, \$—
FRESNO, Fresno Co., Cal. Van Ness
 Avenue.

One-story brick and concrete auto
 sales room and garage.

Owner—Walter M. Murphys Motor Co.,
 1915 Calaveras St., Fresno.

Architect—Not Given.

Plans provided for show room, 30x75
feet, with tile floor; stock room, 20x
80 ft.; machine shop, 20x40 ft.,
equipped with 19 different machines
for all type of repair work; garage,
42x88 ft. An overhead traveling
crane will be installed in the me-
chanical shops.

Plans To Be Prepared.

FILM EXCHANGE. Cost, \$—
SAN FRANCISCO, N Turk St. W
Leavenworth St.

Two-story reinforced concrete film ex-
 change, 50x127-6.

Owner—Louis R. Lurie.
 Architect—Albert Schaeffer, Nevada
 Bank Bldg., San Francisco.

Plans Being Prepared.

REMODELING. Cost, \$30,000.
SAN FRANCISCO, N W Mission 105 S
W First St.

Remodel 6-story store & loft building.
 Owner—Lester G. Loupe.

Architect—S. Heiman, 57 Post St., S. F.

SAN LEANDRO, Alameda Co., Cal.—
Pacific Gas & Electric Co., 445 Sutter
St., San Francisco, has purchased a
28-acre site of the city limits of
San Leandro on which it is proposed
to erect a substation.

NAPA, Napa Co., Cal.— City Council
 has approved plans for remodeling and
 enlarging city hall to provide addition-
 al quarters for the offices of city clerk,
 health department, city engineer and
 council chambers.

LOS ANGELES, L. A. Co., Cal.— A. C.
 Blumenthal, Low Theatre Bldg., S. F.,
 representing syndicate of San Fran-
 cisco capitalists, has purchased Mer-
 centile Place property, extending from
 Broadway to Spring St., bet. 5th and
 6th Sts., and is having sketches pre-
 pared by Los Angeles and San Fran-
 cisco architects for contemplated im-
 provements. It is the intention of the
 new owners to erect a 12-story class
 A office building 50x100 ft. on each cor-
 ner of the Broadway and Spring St. front-
 ages to be connected with a 3-story
 structure to be subdivided into shops.
 The property is 120x325 ft. in size. Mac-
 donald & Kahn, Low State Bldg., L. A.
 will be the contractors for the new
 bldgs. and work will be started as soon
 as present lease expires which will be
 in three months. The architect will be
 selected through competition.

THEATRES

Plans Being Prepared.

THEATRE ETC. Cost, \$75,000.
SAN ANSELMO, Marin Co., Cal. Lin-

Two-story steel and concrete theatre,
 hall, office and store building.

Owner—Tamalpais Community Associ-
 ation.

Architect—S. Heiman 57 Post St., S. F.
 and Harold Stoner, associate.

EVERETT, Wash.— Architect H.
 Ryan, Peoples Bank Bldg., Seattle,
 completing specifications to remodel
 the Everett Theatre at a cost of \$100,-
 000. Will have terra cotta front, lat-
 est electric equipment which will be
 installed. Structure with seat 1500.

BAKERSFIELD, Kern Co., Cal.— E.
 Ayder, owner of the Biko Theatre,
 will expend approx. \$15,000 to remodel
 the structure in addition to providing
 for the accommodation of quarters for
 the R. H. Hastings Confectionery store
 at the corner of Baker and Kentucky
 streets.

Official Proposals

NOTICE TO CONTRACTORS

(Admin-Admin Summit National Forest Highway)

Sealed proposals for construction of an above-named National Forest Highway, located partly within the boundaries of National Forest, Alameda County, State of California, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 881 Mills Building, San Francisco, California, until 2 o'clock p. m. on November 28, 1922, at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids, and none will be considered except from contractors ascertained to be experienced and responsible. The project is located about 28 miles southwest of Alturas and the length to be constructed is approximately 14.9 miles. The principal items of work are approximately as follows:

- Clearing and grubbing, 250 cubic yds.
- Excavation, rock, 5750 cu. yds.
- Excavation, common, 55,500 cu. yds.
- Overhaul, 63,200 yd. sta.
- Class "A" concrete, 102 cu. yds.
- Class "B" concrete, 218 cu. yds.
- Class "C" concrete, 122 cu. yds.
- Reinforcing steel, 56,550 lbs.
- Corrugated steel pipe, 15-in. to 24-in. 1750 lin. ft.

The work embraced in the contract shall be started within fifteen days after notice so to start has been given by the contractor by the District Engineer, which notice will be given until weather conditions render it impracticable to prosecute the work to advantage in the Spring of 1923, and shall be completed within six months after said notice has been given.

The contract form and the plans, plans, specifications and estimate of quantities may be examined by responsible contractors at the following addresses:

881 Mills Building, San Francisco, Cal. Office of Forest Supervision, Alturas, California.

California Highway Commission, 601 Forum Bldg., Sacramento, Cal.

The Bureau of Public Roads will furnish Corrugated Metal Pipe for pipe culverts. The Bureau also has a cash loan to contractors on a rental basis equipment as listed in the proposal sheets. Bidder will state in his bid the amount of Government equipment that he will use during construction and the minimum rental period thereof. The estimated rentals will be deducted from the total of the construction items and award will be made on bid to best advantage to the Government.

Plans and specifications will be furnished contractors who contemplate bidding upon deposit of a certified check for \$5000 payable to the Secretary of Agriculture of the United States. Check will be held, pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications, above referred to.

C. H. SWEETSEY, District Engineer.

NOTICE TO HEATING CONTRACTORS (Steam Heating System)

Notice is hereby given that sealed proposals are invited and will be opened by the Board of Trustees of the Saratoga School District of Santa Clara County, State of California, at 2:30 p. m. on the 22nd day of November, 1922, in the present school building of said school district in the County of Santa Clara, State of California, for the installation and completion of a steam heating system for the above named district, in accordance with the plans and specifications made for the same by Wyckoff & White, the authorized architects, employed by the Board. Proposals will be received on a general

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS, which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

contract, including everything specified and shown.

Plans and specifications can be seen at the office of the Architects Wyckoff & White, Grocers Bank Building, San Jose, California.

A deposit of Twenty (\$20.00) Dollars cash will be required on all plans located outside of San Francisco.

All proposals to be made out on blank forms, furnished by the Architects and must be accompanied by a check for not less than five per centum of the amount of the bid, made payable to Sheldon P. Patterson, Clerk of the Board, and certified to by some responsible banking house. That check is to be forfeited in the event that the successful bidder, after having received the contract, fails within ten (10) days to sign the contract and furnish good and sufficient bonds satisfactory to the Trustees, and as required by law.

Bids will be received up to and including November 22, 1922, at 2:30 p. m., and must be addressed to Sheldon P. Patterson, Clerk of the Board of Trustees, of Saratoga School District, Saratoga, California.

The Board reserves the right to reject any and all bids.

By order of the Board of Trustees, dated October 30, 1922.

SHELDON P. PATTERSON, Clerk of the Board of Trustees.

NOTICE TO CONTRACTORS

(Sequoia Union High School District—3 1-story reinforced concrete structures; estimate \$300,000)

Notice is hereby given that sealed proposals will be received by the Secretary of the Board of Trustees of the Sequoia Union High School District, Redwood City, San Mateo County, California, until Saturday, the 18th day of November, 1922, up to and until the hour of 1 o'clock of said day when the said bids will be opened at the office of said clerk, in the office of the Sequoia Union High School, Redwood City, California, for the erection and completion of the new Sequoia Union High School buildings on the premises lately acquired by said district located in Redwood City, California, according to plans and specifications prepared for the same by Werner and Coffey, architects, San Francisco, California.

Separate bids will be received for: The general work.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

The plumbing work.
The heating and ventilator work.
The electrical work.
The plastering work.
The blackboards in place.
Note: Contractors may submit bids of four any or all of the foregoing items of the work.

A copy of plans and specifications of the work are on file at the office of the principal of the Sequoia Union High School, Redwood City, Calif., and at the office of the Architects, Werner & Coffey, 312 Humboldt Bank Bldg., San Francisco, California.

On a deposit of \$25.00 complete plans and specifications may be had by any prospective bidder and said deposit shall be returned if said plans and specifications are returned in good order and a bona fide bid is submitted. Bids must be made on forms obtained from the office of the Architects and be accompanied by the bidder, accompanied by a certified check for at least 10 per cent of the amount of the bid or proposal, and to be by responsible bank or banker and made payable to D. E. O'KEEFE, secretary of the Board of Trustees of the Sequoia Union High School District, to be returned by said school district as agreed and liquidated damages should the party or parties to whom the contract or contracts be awarded fail to enter into the contract, and as agreed to give bonds required for the faithful performance of the contract or any bond required by law. The Board reserves the right to reject any or all bids, or any or all items of such bids.

L. P. BEHRENS, President
D. E. O'KEEFE, Secretary
Board of Trustees Union High School District, Redwood City, California.

BIDS WANTED FOR REMODELING SCHOOL

NOTICE TO CONTRACTORS

Office of the Secretary of the Board of Education of the City of Oakland.

Sealed bids will be received by the Board of Education of the City of Oakland, City Hall, Oakland, California, until 12:30 o'clock p. m., Nov. 29, 1922, at which time said bids will be opened, for the remodeling of the Cole School building of the Oakland School District, located on Union and 11th Streets, Oakland, California.

Bids will be received for General Work, in accordance with Addendum No. 1, dated October 26, 1922.

Plans and specifications for said work are on file at the office of the Architect for the Board of Education, 1419 Broadway, Oakland, California.

On a deposit of Twenty-five (\$25) Dollars, said plans and specifications may be had by any prospective bidder. These plans and specifications may be obtained for said work.

If the plans and specifications are not returned to the Architect within the time above specified, or are returned in a mutilated or damaged condition, the deposit will be forfeited and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Architect, and be signed by the bidder, accompanied by a certified check, certified to by some responsible bank or banker and made payable to J. W. Edmond, Secretary of the Board of Education, to be retained by the said School District as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand (\$5000) Dollars for said work, less than Five Thousand (\$5000) Dollars, said check shall be for at least ten (10) per cent of the amount of the bid. Each bid shall be accompanied by an affidavit executed

cuted on a form that can be obtained from the Architect.

Bids will be opened by the Board of said Districts on Monday, the twentieth day of November, 1922, at the hour of 1:30 p. m., in the Board Room, 211 second floor of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

J. W. EDMOND,
Secretary of the Board of Education
of Oakland, California.

NOTICE TO BIDDERS (Austin-Weston Reversible Road Grader)

Notice is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, in their rooms in the Court House, in the City of San Jose, up to 11 o'clock a. m. of Monday, November 20, 1922, for a Mannheim Junior Reversible Road Grader, or equivalent, with Arch Frame and Offset Hitch, having a 10-foot blade, a wheel base of 14 feet and a length over all of 17 feet 8 inches, size of wheels front 32x5 inches, rear 50x5 inches—all with concave rims. Also furnish three extra 10-foot blades.

Each bid must be accompanied by a certified check in the sum of 10 per cent of the amount bid, drawn upon some reliable bank in favor of Henry A. Pfister, County Clerk.

The board reserves the right to reject any and all bids.

All bids must be addressed to John Roll, Chairman of the Board of Supervisors of Santa Clara County, and indorsed "Bids for Grader."

By order of the Board of Supervisors of Santa Clara County.

Attest: HENRY A. PFISTER, Clerk.
By Eugene M. Don, Deputy Clerk.

NOTICE TO CONTRACTORS

CUYAMA ROAD

Sealed proposals for constructing all of the above named National Forest Highway Project or sections thereof located within and adjacent to the Santa Barbara National Forest, Counties of Santa Barbara and San Luis Obispo, State of California, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 881 Mills Building, San Francisco, California, until 2 o'clock p. m. on the 24th day of November, 1922, at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none given considered except those from contractors ascertained to be experienced and responsible.

The project to be constructed is part of the minor work of located 19 miles northeast of Santa Maria along the slope south of the Cuyama River. The length of the project is approximately 15.1 miles and the principal items of work are approximately as follows:

Clearing Right of Way, 726 Stations.
Excavation, unclassified, 629,100 Cu. Yds.
Dry Rubble Masonry (retaining walls) 367 Cu. Yds.
Class A Concrete (culverts) 1759 Cu. Yds.
Class C Concrete (headwalls) 315 Cu. Yds.
Reinforcing Steel, 227,300 Lbs.
Corrugated Metal Pipe Culverts, 8040 Lin. Ft.
Hand-Placed Embankment, 200 Cu. Yds.
Right of Way Fencing, 13,100 Lin. Ft.
Ditch Paving, 1470 Sq. Yds.

The minor work of clearing right of way embraced in this contract shall be started within ten days after notice of signing of contract by the Secretary of Agriculture has been given to the contractor by the District Engineer, and shall be completed before the beginning of the 1923 fire season. Construction of major items shall be started within fifteen days after notice so to start has been given by the contractor by the District Engineer, which notice will not be given until weather conditions render it practical to prosecute the work to advantage in the Spring of 1923, and shall be completed within the time mentioned in the special provision.

The contract form, maps, plans and specifications and estimate of quanti-

ties may be examined by responsible contractors at the following addresses: 881 Mills Building, San Francisco, California.

C. L. Preisker, Santa Maria, California.
Highway Commission, Forum Bldg., Sacramento, California.
The Bureau of Public Roads will furnish Corrugated Metal Pipe for Culverts. The Bureau also has available for loan to contractors on a rental basis, equipment as listed in the specifications. Bidder will start in his bid the Government equipment that he will use during construction and the minimum time required. The estimated rentals will be deducted from the total of the construction items and award will be made on bid to best advantage to the Government.

Plans and specifications will be furnished to contractors on the day of bidding, upon deposit of a certified check for \$10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with a part of the Specifications above referred to.

C. H. SWEETSER, District Engineer.

November 6, 1922.

NOTICE TO CONTRACTORS

(Landscape Work, Incinerator, Kitchen equipment, Roads, Walks, Storage Tanks Lighting, etc.)

Notice is hereby given that sealed estimates will be received by the Board of Supervisors of San Mateo County, California, up to Monday, the 4th day of December, 1922, at 10 o'clock a. m., for the following work, all for the new County Hospital Building now being erected at Redwood in San Mateo County, California, and in accordance with the plans and specifications as prepared by Will H. Joepke, Architect, and as filed with the Clerk of the Board of Supervisors, on November 6, 1922, to which bidders are referred.

The estimates will be received in accordance with the plans and specifications as filed and will be as follows:

ESTIMATES FOR INCINERATOR;
ESTIMATES FOR FOG GARDENING;
LAWN, STAIRS, ETC.

This estimate will be sub-divided and rendered as called for in specification.

ESTIMATES FOR KITCHEN EQUIPMENT.

ESTIMATES FOR ROADS, WALKS, WATER SUPPLY, STORAGE TANKS, AND LIGHTING OF GROUNDS.

Estimate No. 1, for roads, walks, etc.
Estimate No. 2, for water supply, storage tanks, etc.

Estimate No. 3, for Lighting of the Grounds.

All these estimates must be in strict accordance with the requirements as called for in specifications.

All bidders submitting estimates will be required to submit with their proposal a certified check or certificate of deposit on some responsible Bank or Trust Company in the sum of ten (10) per cent of their bid, which must be made payable to the County Treasury of the County of San Mateo and will be held as security that the bidder will enter into a written contract with the Board of Supervisors of the County of San Mateo if awarded the contract within ten (10) days from the date of the award. In the event of a bid not being awarded under which this check is held, the same said check or certificate of deposit will be cashed and the proceeds thereof placed to the credit of the awarding fund of said County of San Mateo.

The successful bidder will further be required to give a bond from a satisfactory surety company in the sum of fifty (50) per cent of his contract price, conditional for the faithful performance of his contract within the time limited, and to further guarantee the material furnished on the work.

The successful bidder will also be held responsible for the County against required to protect the County against liability arising under the Workmen's Compensation Act and against any and every contingency under which the County might be held liable. During the progress of the work contracted with the contractor on said hospital building.

The contract will provide for the re-

tention of twenty-five per cent of the contract price for thirty-five days (35) after the completion of the work and the filing of the notice of completion thereon.

Sealed estimates should be filed with the Clerk of the Board of Supervisors. The said Board of Supervisors of the said County hereby reserves the right to reject any and all bids.

Plans and specifications can be seen at the Architect's office, at Room 714, Newell Building, 1201 Mission Street, St. San Francisco, California, or at the office of the Clerk of said Board, in the Court House at Redwood City, California.

By order of the Board of Supervisors, Dated November 6, 1922.

ELIZABETH M. NASH, Clerk.

NOTICE TO CONTRACTORS

(Gymnasium and Academic Buildings; Estimated Cost, \$135,000)

Notice is hereby given by the Board of Trustees of Tulare Union High School District that sealed bids will be received at the office of the Clerk of the said Board of Trustees at the High School Building in said city of Tulare, up to 10 o'clock a. m. on the 20th day of November, 1922, at which time all bids will be publicly opened. said bids to be for the furnishing of labor call materials for the erection and completion of a gymnasium building and an academic building, all in accordance with plans and specifications for same prepared by J. T. Henderson, the Authorized Architects and Engineers employed by said Board of Trustees.

All bids must be accompanied by a certified check or bidders bond of ten per cent of the amount of bid tendered made payable to W. D. Cook, Secretary of the Board of Trustees, and conditioned with such bid, and file with said Board of Trustees an approved Surety Bond equal to 50% of the contract price within six days from the acceptance of his bid, which bonds shall be conditioned for the faithful fulfillment of the contract entered into and to be done by the contractor. The protection of all persons performing labor or furnishing materials for the work to be done.

In case the said contractor shall fail to execute a bond acceptable to the Board within the said six days, due notice having been given him, then shall the contractor forfeit all claim to the said amount, said certified check of ten per cent of his bid, and it shall become the property of the Tulare Union High School District.

The contractor to whom the work is awarded must agree to complete the work within the space of 130 working days from and after the date of the contract.

Plans and specifications may be obtained from the office of Swartz & Ryland, Architects and Engineers, 1000 Building, Fresno, California, upon a deposit of Ten (\$10.00) Dollars.

The Board reserves the right to reject any and all bids.

By order of the Board of Trustees, R. H. JONES, President
W. D. COOK, Secretary
H. C. BAILL
FRANK PURSELL
D. O. HOWARD

NOTICE TO CONTRACTORS

(Shop Building)

The Board of Trustees of the Corcoran Union High School hereby advertises for sealed bids for the construction of a shop building upon the premises of the school in the town of Corcoran, County of Kings, State of California. The building is to be erected in accordance with plans and specifications prepared by J. T. Henderson, Architect, copies of which may be obtained at the high school. Bids should be mailed to Box 456 Corcoran, and must be received before six o'clock p. m. on Friday, November 10, 1922. Each bid must be accompanied by a certified check in the amount of ten per cent of the bid.

The Board reserves the right to reject any or all bids.

J. A. FIREBAUGH, President.

C. C. WILSON, Clerk.

Dated at Corcoran, Calif.
November 1, 1922.

(Continued on Page 30)

Engineering News Section

mitted for \$10 million. The reservoir for city water system. The bid included prices on (1) approx. 10,000 lbs. extra steel at 65¢ lb. and (2) approx. 10,000 cu yd. extra concrete at \$16 yd. Olmsted & Gilden, 1112 Hethersworth Bldg., Los Angeles, engs. The reservoir will be circular, 122 ft. diam., partly excavated, partly built on a 12-in. thick steel rod piling in walls and fl.; about 2500 cu yds. excav. and about 400 cu yds. concrete. (1) 5.5%; (2) 5.5%. Chas. C. Brown, 2255, (1) 5.5%; (2) 5.5%; Ross & Ritchey, \$15,083, (1) 5.5%; (2) 5.5%; L. A. Constr. Co., \$14,700, (1) 5c; (2) \$14; Wm. Leach, \$15,515, (1) 5c; (2) \$14; Edgar T. Co., \$16,600, (1) 6.75; (2) \$21; Frank Hudson, \$18,247, (1) 6c; (2) \$20; Hubert-Wardell Constr. Co., \$18,000, (1) 4.3c; (2) \$12; E. J. Bids taken under advisement until Nov. 13.

IRRIGATION PROJECTS

TURLOCK, Stanislaus Co., Cal.—Union Construction and Drydock Co., Key Route, Basin, Oakland, Calif., awarded contract under Schedules Nos. 1 and 2; Stockton Iron Works, Lindsay and Harrison Sts., Stockton, Calif., under Schedules Nos. 3 and 5 and Joshua Hendy Iron Works, 75 Fremont St., San Francisco under Schedule No. 4, by the Turlock and Modesto Irrigation Districts, acting jointly, for the mfg. and del. of spillway gates for the Don Pedro Dam in Tuolumne county, involve approx. 225 tons, principally of riveted steel plates and structural shapes, but incl. steel castings, iron castings, small sluice gates and hoists, welded steel pipe, cast iron fittings and pipe railings, complete list of bids follows:

Under Schedule No. 1—Item 1, 10 riveted steel drum type gates, 57-ft. long by 7 ft. 3-in. radius, each complete with hinge-castings, hinge plates and seals, radial seals, manhole & cover and drain, hose connections but exclusive of hose, item 2, 10 cast gate seals each consisting of 14 sections with connecting and anchor bolts and provided with brass sealing strips:

Union Construction Co., Key Route Basin, Oakland (1) \$33,835; est. weight 486,720 lbs. (2) 3967, 37,660 lbs. Delivery 120 days.
Bethlehem Shipbuilding Corp., 20th and Illinois Sts., San Francisco, (1) \$41,328, 140 days; 466,035 lbs. (2) \$4711, 60 days, 27,310 lbs.
Judson Mfg. Co., 195 Folsom St., San Francisco, (1) \$58,890, 489,000 lbs. (2) \$3346, 35,750 lbs. Delivery 150 days.
Kyle & Co., 401 E. Bldg., San Francisco, (1) \$42,350, 150 days; 455,000 lbs. (2) \$3360, 60 days, 44,000 lbs.
Ogden Iron Works, Ogden, Utah, (1) \$60,880, 495,000 lbs. (2) \$2716, 37,500 lbs. Delivery 130 days.
Omaha Steel Works, 18th and Leavenworth Sts., Omaha, Neb., (1) \$42,000, 425,800 lbs. (2) \$4050, 39,230 lbs. No time specified.

Joshua Hendy Iron Works, 75 Fremont St., San Francisco, (1) \$53,650, 725,660 lbs.; (2) \$4090, 39,120 lbs.; total lump sum bid \$79,090. Delivery 150 days.

S. Morgan Smith Co., York, Pa., (1) \$70,760, 499,860 lbs. (2) \$5500, 44,500 lbs. Delivery 180 days.

Los Angeles Shipbuilding & Drydock Co., San Pedro, Calif., (1) \$56,570, 562,560 lbs.; (2) \$4970, 35,664 lbs. Delivery 90 days.

Western Pipe & Steel Co. of Calif., 414 Market St., San Francisco, (1) \$52,500, 525,000 lbs.; (2) \$2226, 32,660 lbs. Delivery 150 days.
Union Const. Co., 16th and Daggett Sts., San Francisco, (1) \$56,233, 516,000 lbs.; (2) \$5490, 37,000 lbs. Delivery time not specified.

Schedule No. 2—10 channel beams, foundation hme 2 plates 57-ft. long, complete with anchor bolts and hinge cover plates; (2) 20 pier plates for gates, 10 right and 10 left hand; (3) 10 24x26-in. trash racks complete with anchor bolts:

Union Const. Co., (1) \$1848, 50,642 lbs. (2) \$380, 6000 lbs.; (3) \$370, 1700 lbs. Delivery 30 days.

Bethlehem Co. (1) \$1925.40, 35,460 lbs. (2) \$438, 6230 lbs.; (3) \$188, 1750 lbs. Delivery 30 days.

Judson Mfg. Co., (1) \$1911, 31,850 lbs. (2) \$885, 11,500 lbs.; (3) \$350, 1750 lbs. Delivery 30 days.

Kyle Co., (1) \$1650, 36,670 lbs.; (2) \$570, 6100 lbs.; (3) \$184, \$1850 lbs. Delivery 30 days.

Ogden Iron Works, (1) \$2525, 36,750 lbs.; (2) \$690, 6100 lbs.; (3) \$270, 1700 lbs. Delivery 30 days.

Omaha Steel Works, (1) \$4600, 37,000 lbs.; (2) \$500, 6120 lbs.; (3) \$310, 1779 lbs. Delivery 30 days.

Joshua Hendy Iron Works, (1) \$2485, 36,245 lbs. (2) \$490, 6160 lbs.; (3) \$235, 1707 lbs. Delivery 30 days.

S. Morgan Smith Co., (1) \$2640, 37,000 lbs.; (2) \$1200, 6100 lbs.; (3) \$750, 1900 lbs. Delivery 30 days.

Western Iron Works, 111 Beale St., San Francisco, (1) \$2021, 36,660 lbs.; (2) \$346, 4500 lbs.; (3) \$214, 2000 lbs. Delivery 30 days.

L. A. Shipbuilding & Drydock Corp., (1) \$5620, 41,762 lbs. (2) \$500, 5909 lbs.; (3) \$275, 1857 lbs. Delivery 30 days.

Stockton Iron Works, Lindsay and Harrison Sts., Stockton, (1) \$3616.75, 50,642 lbs.; (2) \$1421.14, 5700 lbs.; (3) \$293, 1560 lbs. Delivery 30 days.

Western Pipe & Steel Co., (1) \$2609, 36,345 lbs.; (2) \$428, 8650 lbs.; (3) \$261, 1700 lbs. Delivery 30 days.

Main Iron Works, (1) \$3000, 36,000 lbs.; (2) \$480, 6000 lbs.; (3) \$250, 1600 lbs. Delivery 30 days.

Schedule 3—(Item 1) 10 24x24-inch bronze mounted direct pressure type sluice gates, complete with gate frame and spigot, gate stem, stem guides and gate hoists; (2) 10 10-inch bronze mounted sluice gates, back pressure type, complete with gate frames and spigots, gate stems, stem guides and gate hoists; (3) 10 gate hoists stems and stem guides for siphon outlets:

Union Const. Co., (1) \$3574, 20,062 lbs.; (2) \$4421, 24,812 lbs.; (3) \$1274, 5550 lbs. Delivery 120 days.

Bethlehem Co., (1) \$2413, 18,866 lbs.; (2) \$3440, 19,296 lbs.; (3) \$1188, 6510 lbs. Delivery 60 days.

Judson Mfg. Co., (1) \$4600, 18,400 lbs.; (2) \$500, 19,200 lbs.; (3) \$1275, 4250 lbs. Delivery 120 days.

Kyle & Co., (1) \$3350, 14,250 lbs.; (2) \$3550, 15,200 lbs.; (3) \$1550, 6300 lbs. Delivery 60 days.

Ogden Iron Works, (1) \$2561, 14,040 lbs.; (2) \$2920, 15,600 lbs.; (3) \$1075.50, 5250 lbs. Delivery 60 days.

Omaha Steel Works, (1) \$2800, 21,994 lbs.; (2) \$2800, 21,994 lbs.; (3) \$900, 6425 lbs. No time specified.

Joshua Hendy Iron Works, (1) \$3074, 16,240 lbs.; (2) \$3347, 17,530 lbs.; (3) \$1743, 6209 lbs. Delivery 60 days.

S. M. Smith Co., (1) \$5500, 21,000 lbs.; (2) \$6100, 23,000 lbs.; (3) \$3300, 10,500 lbs. Delivery 30 days.

N. J. Walker & Co., Cal. Bldg., San Francisco, (1) \$3350, 14,250 lbs.; (2) \$3550, 15,200 lbs.; (3) \$1550, 6300 lbs. Delivery 60 days.

Yuba Iron Works, 1400 W. Colfax Ave., Denver, Colo., (1) \$3259, 15,000 lbs.; (2) \$3468, 15,500 lbs.; (3) \$939, 5140 lbs. Delivery 70 days.

Union Machine Co., 334 Brannan St., San Francisco, (1) \$3360, 8000 lbs.; (2) \$2515, 9000 lbs.; (3) \$1200, 2000 lbs. Delivery 60 days.

Stockton Iron Works, (1) \$1900.50, 14,000 lbs.; (2) \$2024.48, 15,000 lbs.; (3) \$850.14, 5400 lbs. Delivery 65 days.

Main Iron Works, (1) \$2635, 12,800 lbs.; (2) \$2658, 13,500 lbs.; (3) \$1645, 10,000 lbs. Delivery 30 days.

Schedule 4—(Item 1) 10 cast steel siphon covers, including attachment to supporting pipe; (2) 10 piers, welded steel, 18-in. dia., 10 ft. high, (3) 10 18-in. x 11 ft. 6-in. welded steel pipe with one faced and drilled forged steel flange on each; (4) 10 18-in. low pressure long radius 90 deg. c. elbows each with one faced and drilled with connecting bolts (5) 10 18-in. low pressure long radius 90 deg. c. elbows one end faced and drilled; (6) 20 1 1/2 x 3/4-in. pipe, 10 ft. long, drilled and provided with anchor bolts:

Union Const. Co., (1) \$1165, 3570 lbs.; (2) \$459, 5600 lbs.; (3) \$1922, 7100 lbs.; (4) \$844, 7806 lbs.; (5) \$885, 7000 lbs.; (6) \$38, Delivery 45 days.

Bethlehem Co., (1) \$212, 4530 lbs.; (2) \$483, 6050 lbs.; (3) \$917, 7730 lbs.; (4) \$911, 8269 lbs.; (5) \$877, 7530 lbs.; (6) \$56, 570 lbs. Delivery 50 days.

Judson Mfg. Co., (1) \$1110, 3700 lbs.; (2) \$1100, 5500 lbs.; (3) \$1100, 5500 lbs.; (4) \$1110, 5550 lbs.; (5) \$1110, 5550 lbs.; (6) \$32, Delivery 35 days.

Kyle Co., (1) \$480, 3760 lbs.; (2) \$636, 5500 lbs.; (3) \$778, 6100 lbs.; (4) \$530, 5550 lbs.; (5) \$500, 5530 lbs.; (6) \$52, Delivery 40 days.

Ogden Iron Works, (1) \$777.60, 3430 lbs.; (2) \$621.60, 5510 lbs.; (3) \$770.60, 6540 lbs.; (4) \$659, 5700 lbs.; (5) \$597, 5700 lbs. Delivery 45 days.

Omaha Steel Works, (1) \$1025, 5918 lbs.; (2) \$750, 5610 lbs.; (3) \$1100, 6987 lbs.; (4) \$550, 5204 lbs.; (5) \$600, 5500 lbs.; (6) \$1100, 5500 lbs.; (7) \$500, 5500 lbs. Delivery 35 days.

Joshua Hendy Iron Works, (1) \$556, 4510 lbs.; (2) \$340, 5700 lbs.; (3) \$606, 6000 lbs.; (4) \$625, 8000 lbs.; (5) \$605, 8000 lbs.; (6) \$64, Delivered 60 days.

S. M. Smith Co., (1) \$885, 4500 lbs.; (2) \$850, 5500 lbs.; (3) \$1190, 6900 lbs.; (4) \$1550, 8000 lbs.; (5) \$1500, 8000 lbs.; (6) \$100, Delivery 30 days.

Union Machine Co., (1) \$509, 4000 lbs.; (2) \$1172, 5400 lbs.; (3) \$1362, 5800 lbs.; (4) \$676, 7000 lbs.; (5) \$610, 7000 lbs.; (6) \$85, Delivery 60 days.

Yuba Iron Works, (1) \$461, 3100 lbs.; (2) \$1151, 6000 lbs.; (3) \$1048.75, 6500 lbs.; (4) \$752.80, 9200 lbs.; (5) \$619.60, 8400 lbs.; (6) \$37.40, delivery 90 days.

Western Pipe & Steel Co., (1) \$584, 4810 lbs.; (2) \$338, 5700 lbs.; (3) \$609, 5600 lbs.; (4) \$707, 7000 lbs.; (5) \$587, 7000 lbs.; (6) \$1550, Delivery 40 days.

Schedule 5—(Item 1) 20 steel ladders complete with anchor bolts; (2) 10 40x60-in. checkered steel cover plates complete with coping and anchor bolts; (3) 10 40x40-in. checkered steel cover plates complete with coping and anchor bolts and plates with hand rail guard; (4) 9 pipe brackets for piers complete with anchor plates and anchor bolts:

Union Const. Co., (1) \$581, 5000 lbs.; (2) \$188, 2740 lbs.; (3) \$250, 2500 lbs.; (4) \$491, 4370 lbs.; (5) \$1100, lump sum, \$59,455; estimated weight exclusive of item 6 in Schedule 4, 677,618 lbs.

Bethlehem Co., (1) \$725, 80 days; 4910 lbs.; (2) \$274, 80 days; 2750 lbs.; (3) \$350, 80 days; 2410 lbs.; (4) \$312, 50 days; 2754 lbs. Totals, lump sum, \$62,478.40; est. weight exclusive of item 6 in Sched. 4, 632,891 lbs.

Judson Mfg. Co., (1) \$560, 30 days; 5100 lbs.; (2) \$405, 30 days; 2250 lbs.; (3) \$560, 30 days; 2000 lbs.; (4) \$1440, 50 days; 3600 lbs. Totals, lump sum, \$35,440; est. weight exclusive of item 6 in Sched. 4, 631,700 lbs. Bid accompanied by bond, no check.

Kyle & Co., (1) \$720, 40 days; (2) \$240, 40 days; (3) \$270, 40 days; (4) \$360, 50 days. Totals, lump sum, \$61,643.

Ogden Iron Works, (1) \$720, 5700 lbs.; (2) \$290, 2320 lbs.; (3) \$468.75, 2470 lbs.; (4) \$340, 2430 lbs.; (5) \$190, 50 days. Totals, lump sum, \$79,192.50; est. wt. excl. of item 6 in Sched. 4, 654,660 lbs.

Omaha Steel Works, (1) \$650, 4928 lbs.; (2) \$120, 512 lbs.; (3) \$300, 2623 lbs.; (4) \$575, 4418 lbs. Totals, lump sum, \$63,814; est. weight excl. of item 6 in Sched. 4, 658,855 lbs. F. O. B. Oakland.

Joshua Hendy Co., (1) \$470, 40 days; 5073 lbs.; (2) \$292, 40 days; 2183 lbs.; (3) \$382, 40 days; 2750 lbs.; (4) \$540, 50 days; 4012 lbs. Totals, lump sum, \$1,634.05; est. weight excl. item 6, Sched. 4, 634,065 lbs. Total lump sum bid \$70,000.

S. M. Smith Co., (1) \$900, 90 days; 5400 lbs.; (2) \$2100, 90 days; 13,500 lbs.; (3) \$1700, 90 days; 11,000 lbs.; (4) \$900, 50 days; 4000 lbs. Total, lump sum, \$107,165; est. weight excl. of item 6, Sched. 4, 698,755 lbs.

Western Iron Works, (1) \$648, 30 days; 5200 lbs.; (2) \$232, 30 days; 2400 lbs.; (3) \$257, 30 days; 2500 lbs.; (4) \$932, 50 days; 5500 lbs.

L. A. Shipbuilding Co., (1) \$1335, 75 days; 4934 lbs.; (2) \$260, 75 days; 2162 lbs.; (3) \$450, 75 days; 2752 lbs.; (4) \$860, 50 days; 4090 lbs.

Stockton Iron Works, (1) \$374.71, 60 days; 1925 lbs.; (2) \$260, 60 days; 2460 lbs.; (3) \$312, 60 days; 2460 lbs.; (4) \$480.80, 50 days; 3150 lbs.

Western Pipe & Steel Co., (1) \$675, 50 days; 1925 lbs.; (2) \$390, 50 days; 2250 lbs.; (3) \$438, 50 days; 2200 lbs.; (4) \$620, 50 days; 4000 lbs.

R. V. Melick, chief eng. for Turlock and Modesto Irrigation District.

SAN DIEGO, Cal.—Santa Fe Land & Imp. Co., Ed. Fletcher and Margaret A. McClure have filed a petition with the state dept. of public works to form a irrigation district including about 7000 acres of the San Diegoito ranch. It is proposed to furnish water for the lands from Lake Hodges dam. The first petitioner is a subsidiary of the A. T. & S. P. Ry.

TRACY, San Joaquin Co., Cal.—Following bids rejected by trustees of Naglee-Burk Irrigation District and stated that no work by day had been done, under supervision of W. D. Harrington, chief engineer:

Under Contract No. 3, const. 9.2 mi. drainage ditch, 26-in. dia., of main drainage canal; const. and install 800 ft. 18-in. rein. cone pipe; const. rein. cone superstructure for housing machinery and drainage equipment.

H. V. Loomis, Col. San, \$18,000; D. McDonald, Sacramento, \$17,480; A. A. Tieslau, Berkeley, \$22,240; Valley, \$22,000; Sacramento, \$17,000; pipe, \$2695; H. A. Loomis, San Francisco, main grain canal, \$2000.

Under contract No. 2, shape and prepare canal banks for cone lining; furnish material for placing 4.75 lin. ft. cone lining.

A. A. Tieslau, Berkeley, \$22,342.26; R. A. Carson & Co., Modesto, \$14,173.80.

LIGHTING SYSTEMS

REDWOOD CITY, San Mateo Co., Cal.—Until Nov. 26, 10 a. m. bids will be received by Elizabeth M. Nash, county clerk, for installing and maintaining lighting system in Vistacon Tubing District.

CORONADO, Cal.—The San Diego Const. Gas & Elec. Co. will expend more than \$15,000 in rehabilitating the street lighting system of Coronado.

LOS ANGELES, Cal.—So. Cal. Elec. Co., 625 S. Main St., submitted low bid to Board of Public Works at \$18,777 to install ornate light system in Central Ave., bet. 50th St. and Stansbury Ave. Other bids: Newberry Elec. Co., \$18,735; H. H. Walker, \$18,921; Paulson Const. Co., \$19,474; C. W. Sparks, \$19,555.20.

MACHINERY

TRACY, San Joaquin Co., Cal.—Tracy Electric Co., Tracy, at \$2,185 awarded contract by Naglee-Bank Irrigation District to furnish and install a 12-in. double suction vertical centrifugal pump etc. L. E. Vandal, Stockton, only other bidder at \$2,549.

MADERA, Madera Co., Cal.—Until Nov. 17, bids will be received by H. H. Tyrrell, clerk, Madera school district, for fur, and del. cooking utensils, cutlery, glass and china and miscellaneous for cooking department of central schools. List of articles required will be furnished on request.

LOS ANGELES, Cal.—Union Machinery Co. submitted low bid to supervisors at \$11,600 for 2 sluice gates and operating machinery for San Dimas Dam, near San Dimas. Other bids were: Keystone Iron and Steel Works, \$12,008; Llewellyn Iron Works, \$15,688.

Union Machinery Co. also low bidder at \$2350 for 1 sluice gate and operating machinery in Live Oak Dam, near Live Oak. Other bids were: Llewellyn Iron Works, \$3261; Keystone Iron and Steel Works, \$3468.38.

SANTA CRUZ, Santa Cruz Co., Cal.—Buckley and Mann at \$100 awarded sale, at public auction, of 34-horse Pape motor truck no longer required by the county.

PORTLAND, Ore.—Fell wing bids received by U. S. Engineer Office for two wooden hull pile drivers: H. Helms, \$10,000; S. H. Hickey, \$12,750 (recommended); or acceptance of Smith & Martin Shipbuilding Co., Portland, Ore., \$31,400; Commercial Iron Works, Portland, Ore., \$32,000.

REDWOOD CITY, San Mateo Co., Cal.—Until Dec. 4, 11 a. m. bids will be received by Elizabeth M. Nash, county clerk, to construct walks and driveways, supply tanks and piping at the new community (county) hospital, Wm. H. Toepke, architect, 942 Market St., San Francisco. Plans may be obtained from county clerk.

REDWOOD CITY, San Mateo Co., Cal.—Until Dec. 4, 11 a. m. bids will be received by Elizabeth M. Nash, county clerk, for installing kitchen equipment in new community (county) hospital, Wm. H. Toepke, architect, 942 Market St., San Francisco. Specifications may be had from county clerk.

REDWOOD CITY, San Mateo Co., Cal.—Until Dec. 4, 10 a. m. bids will be received by Elizabeth M. Nash, county clerk, to construct incinerator for new community (county) hospital from plans of Architect Wm. H. Toepke, 942 Market St., San Francisco. Specifications on file in office of county clerk.

SAN JOSE, Santa Clara Co., Cal.—Until Nov. 20, 11 a. m. bids will be received by Elizabeth M. Nash, county clerk, for fur, and del. one Mammoth Junior Austin-Western Reversible road grader, or eq. with Arch frame and offset blade, having 16-ft. blade, 11-in. wheel base and length over all of 17 ft. 8 in., from wheels, 32x5-in. rear wheels 50x5-in., all wheels with concave rims; also three extra ten ft. blades, one set for beds under official proposal section in this issue.

REDWOOD CITY, San Mateo Co., Cal.—Until Dec. 4, 11 a. m. bids will be received by Elizabeth M. Nash, county clerk, for installing kitchen, scrubbing and constructing windbreak at new community (county) hospital, Wm. H. Toepke, architect, 942 Market St., San Francisco. Specifications may be obtained from county clerk.

SAN FRANCISCO.—Until Dec. 6, 3 p. m. bids will be received by Board of Public Works for fur, and del. o. h. cars, Hetch Hetchy Junction, Tualuma line, on Sierra Railway, about 26 miles from town of Oakdale, one 4-mo. to electric traveling crane with all accessories and appurtenances for use in main generating room of Meacasin Creek Power Plant, Hetch Hetchy project, Crane of S-wheel type, max. working load of main hoist, 270,000 lbs., and of auxiliary hoist, 30,000 lbs. Max. speed of operation with full working loads shall be as follows: main hoist, 4 to 5 ft. per min.; auxiliary hoist, 25 to 28 ft. per min.; trolley travel and bridge to be 80 ft. per min. A bond of \$5000 will be required of the unsuccessful bidder. Specifications may be had from City Engineer's Office, and floor, city hall.

VENICE, Cal.—So. Cal. Edison Co. has secured a permit to erect a fireproof structure on Virginia Ave. near Zeno Pl. The bldg. will be equipped as a station being supplied from Culver City and Ocean Park. The bldg. will cost \$13,500 and electrical equip. \$40,000.

LOS ANGELES, L. A. Co.—Union Const. & Drydock Co., Oakland, submitted low bid to harbor commission, Nov. 3, at \$85,900 for constructing steel trestle and pier, 175 ft. length, 15 ft. wide, 75 days. Other bids were: Austin Co., 14 Cal., \$89,700, 75 days; Dodge & McBridge, \$26,100, 80 days; J. D. Keene Const. Co., \$101,000, 90 days; Penn Bridge Co., \$112,600, 100 days. Bids were referred to the harbor engr.

SEATTLE, Wash.—Until Nov. 17, 10 a. m. bids will be received by City Purchasing Agent Wm. D. Freeman, for fur, 1000 ft. 3½-in. double-jacket cotton rubber lined fire hose.

RICHMOND, Contra Costa Co., Cal.—City Manager J. A. McVittie authorized by council to purchase 1600-ft. of cable and pulleys to be installed in the municipal wharf.

SEATTLE, Wash.—Seagrave Co., Securities Bldg., Seattle, at \$156,790 submits low bid to Board of Public Works for 17 pieces of fire apparatus. Contract includes pumping engine with capacity of 800 gals. each; four pumping engines with capacity 1000 gals. each and 5 city service hook and ladder trucks.

SEATTLE, Wash.—Pacific States Electric Co., 570 First Ave., South, at \$14,169, submits low bid to Board of Public Works for fur, 86,000 lbs. copper wire for many lighting and power plant.

SAN JOSE, Santa Clara Co., Cal.—Until Dec. 1, 11 a. m. bids will be received by Henry A. Pfister, county clerk, for fur, and del. one or more 5-passenger Dodge automobiles and one or more portable saws and saws. Further information may be had from clerk.

SAN JOSE, Santa Clara Co., Cal.—Supervisor Chas. P. Cooley authorized by supervisors a purchase of 3-year steel body Heil hydro hoist No. 5.

RAILROADS

SEATTLE, Wash.—Until Nov. 15, 3 p. m. bids will be received by Wm. D. Freeman, City Purchasing Agent, for fur, and del. 36 street railway motors, tanks and certain air brake equipment.

METZ, Montevideo Co., Cal.—Utah Construction Co., Indian Bldg., San Francisco, at approx. \$200,000 awarded contract by Southern Pacific R. R. to construct main conc. bridge near Metz. Involve 171,000 lbs. rein. steel; 4240 cu. yds. conc.; 6278 lin. ft. 30-lb. rails; 1700 r. w. cross ties; 3650 10-in. tie; 3650 6-in. tie plates and 2000 cu. yds. ballast.

SAN DIEGO, Cal.—Until 11 a. m., Nov. 22, bids will be received by Bureau of Yards and Docks, Navy Dept., Washington, D. C., to construct standard gauge railroad from the San Diego Pier, through the marine barracks naval base. San Diego involve excav., grading, ballast, furnishing and installing ties, frogs, switches, rails and other accessories. Rails, spikes, spikes, plates and bolts will be furnished by the government. Plans and spec. No. 1437 may be obtained from commandant Naval Base, San Diego, or from Bureau of Yards and Docks, Washington, D. C., upon deposit of \$10.

CALIFORNIA—Swayne Lumber Co., of Oroville, Calif., will construct 21 miles of logging railroad in Plumas National Forest at head of Little Wood. Company recently purchased timber holdings in that section.

LOS ANGELES, Cal.—Pac. Elec. Co. will build 5 miles track through the Glendale foothill section, making a direct connection from Glendale to Riverdale through Azusa and San Dimas. Cost, \$400,000.

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PELLINGHAM, Wash.—J. J. Donavan, vice president of the Hodel-Honavan Lumber Mills, announces his company will construct a 25-mile logging railroad.

NEWERS, STREET WORK, LOADS & WATER SYSTEMS

LOS ANGELES, Cal.—Engr. Geo. W. Tuttle, 532 Mason Bldg., is taking bids for grading and ceding streets and constructing curb and sidewalk and a 22-in. and 14-in. the storm drain in a 10-acre tract between the 11th and 12th Sts., owned by M. J. Ford. A concrete storm drain will be built later.

SAN DIEGO, Cal.—Geo. R. Dole, 1440 Broadway St., San Diego, awarded contract at \$22,842.87 to pave Llaneros and Hill Streets.

SAN DIEGO, Cal.—Fairchild-Gilmore-Wilton Co., 25 14th St., San Diego, awarded contract by council at \$29,000 to pave Fort Stockton Dr., Monterey Way and other streets, with cem. conc. and asphalt, conc. top and also asphalt with same surface. Bids noted as street 27. The same company was awarded contract at \$413,240 to pave Georgia St. and Spalding Pl.

SANTA ANA, Cal.—Owing to an error in the description of the boundaries of a storm drain district, new proceedings in the Bristol St. improvement work will have to be started. New bids will be called in for about two weeks. B. R. Ford was previously awarded the contract.

SAFFORD, Ariz.—Lee Moor Contracting Co., Two Republics Bldg., El Paso, Tex., awarded contract by State Engr. Thos. Maddock, at \$22,600, to construct 6.1438 mi. roadway on the Geronimo-Solonville highway, fed. aid project No. 43; state furnishes materials valued at \$63,353.90. The bid includes 2748 cu. yds. excav. unclass. at 30c yds.; 22,529 cu. yds. borrow at 30c yds.; 1111 cu. yds. excav. struct. at 20c yds.; 4900 cu. yds. excav. for ditches and channels at 30c yds.; 1262 cu. yds. 100 ft. covered at 22c yds.; 64,807 sq. yds. one-course plain conc. at \$1.19 yd.; no bid on 2-in. asphalt conc. on 4-in. bitum. base; 19,462 sq. yds. 3-in. gravel cushion and subgrade at 17c yds.; 498 cu. yds. A. conc. at \$16 yd.; 12,163 lbs. rein. steel at 26 lb.

HERMOSA BEACH, Cal.—Geo. R. Carlin, 214 N. St., Los Angeles, awarded contract by city trustees at \$48,588 for paving Prospect Ave. and 18th St. involve 105,200 sq. ft. 5-in. white pavement at 30.90c sq. ft.; 8225 lin. ft. 2x12 in. wood ties at 20c each; gravel at \$2.25 lin. ft. Brain, Bryan & Austin submitted bid of approx. \$52,000. Victor H. St. Hill, city engineer.

MEDFORD, Ore.—Until Nov. 14, 12 m. bids will be received by M. L. Alford, city recorder, to construct reservoir with capacity of 2,000,000 gals. est. cost, \$25,000. R. N. Cummings, engineer in charge.

MERCELL, Merced Co., Cal.—Until Nov. 14, bids will be received by county supervisors for the sale of the following equipment on display at the county yard, Merced: 3 pavers; 1 high pressure triplex pumps; four gasoline engines, approx. 10 h.p.; 1 portable compressor, approx. 12 mi. 1-in. 2-in. above portable track, approx. 1 mi. 2-in. pipe; 2 finishing machines; 3 Carb engraders, and other small items, 180 steel cats, each having 2 batch boxes, capacity of 1 sack batch box, 1 1/2 cu yd. from 3 E. Winton Ave., SUITE 6.

CALIFORNIA—Following bids rec. Nov. 6 by State Highway Comm., to surface with approx. 850 tons asph. conc. 0.5 mi. through town of Ripon, Tulare County: Valley Paving & Const. Co., Visalia, \$11,475; Engineer's estimate, \$9775.

FRESNO, Fresno Co., Cal.—Until Nov. 16, 3:30 p. m., bids will be received by R. Y. St. George, city clerk, to const 6-in. clay pipe lateral sewers in Blocks 236 and 232; 4-in. on 6-in. wyes for each lot frontage; 2 manholes; 2 lampholes. 1911 Act. Wm. Stranahan, city eng.

FRESNO, Fresno Co., Cal.—Until Nov. 16, 3:30 p. m., bids will be received by J. C. St. George, city clerk, to improve Morocá Ave., bet. Olive and Peralta; grading, conc. curbs, gutters and walks; corr. metal culverts with culv. manholes; paving with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; 4-in. vit. clay pipe sewer connections; 2 stand. cem. conc. manholes; 6-in. vit. clay pipe lateral sewers. 1911 Act. Wn. Stranahan, city eng.

CALIFORNIA—As previously reported, bids will be received by State Highway Commission, Forum Bldg., Sacramento, Nov. 20, to surface with asphalt conc. 0.9 mi. of highway in Merced county bet. Atwater and Livingston. Contract involves 1650 tons asphalt conc., surface; the Comm. to furnish broken stone, sand, stone dust and asphalt. cem. for asphalt conc. A. E. Fletcher, state highway engineer.

SAN JOSE, Santa Clara Co., Cal.—Hugh Crummey awarded contracts by council to improve following streets:

8th St., bet. Virginia & Keyes; grading; paving with 3-in. bit. conc. base with 1½-in. Warrentite-Bit. surface; conc. curbs, gutters and walks; 2 br. catchbasins; 8-in. vit. pipe drains.

10th St., bet. E. and Emerson Sts.; by grading, paving with 3½-in. bit. conc. base with 2-in. Warrentite-Bit. surface; conc. curbs and gutters; 1 br. catchbasin; 8-in. vit. pipe drains.

SAN JOSE. Santa Clara Co., Cal.—Until Nov. 14, 7:30 p. m., bids will be received by Walter L. Bachrodt, secretary, Board of Education, to grade and surface Grant Court. Cert. check 10% required with each bid. Spec. on file in office of City Eng. Wm. Popp.

SANTA BERNARDINO, Cal.—C. E. Johnson, city engineer, is completing plans and surveys for the proposed deep sewer project. Bids will not be called for until next year.

YUBA CITY, Sutter Co., Cal.—E. E. Reeves, chairman of street committee of city trustees, authorized to purchase 2 car loads of gravel for street repairs.

SAN DIEGO, Cal.—Until 10:30 a. m., Nov. 20, bids will be received by council to improve Juniper St., bet. First St. and Balboa Park, invoic. \$2,095 sq. ft. 2-in. asph. conc. base with 1½-in. asph. conc. wearing surface, 1159 sq. ft. ccm. conc. walks, 209 lin. ft. conc. curb; 1911 Act. F. A. Rhodes, city manager.

SANTA ANA, Cal.—City trustees adopt res. of int. to imp. N. Bristol St., bet. W. First and W. Fifth Sts., by grading and paving with 6-in. conc. pavement with bel finish wearing surface constructing conc. curb sewers and house connections. 1911 act and 1915 bond imp. act. E. L. Vegely, city clerk.

LOS ANGELES, Cal.—City Council adopts ordinance of intention to imp. Railroad Ave., bet. n e city limits and 8.10 ft. n of Anaheim St., and portions of Grant St. and Badger Ave., by grading and paving with 8-in. cem. conc.; No. 44,901; adopted Oct. 26; 1911 Act and \$22,500 from general expense fund, and \$9000 from harbor fund.

HOQUIAM, Wn.—W. L. Lovejoy, city engineer, is making estimates for three sewerage districts. It is proposed to replace wood-box sewers in all sections of the city north of Emerson and west of Lincoln st. all east of Lincoln st. and north of Eklund Ave. and all west of Ontario St.

ARCADIA, Cal.—Until 8 p. m. Nov. 15 bids will be received by city trustees for 16,850 gals. of fuel oils, more or less of 90% road oil.

STATE WATER COMMISSION

CALIFORNIA. Following is a partial list of applications filed during the month of September, 1922, with the vision of the State Water Control Bd. at the State Capitol Bldg., 910 8th St., Sacramento, for permits to appropriate waters:

App. 2663 (Elmer C. Co.) Henry Marx E. More, for 100 cu. ft. per sec. from Canchun, Rivers de Oro, in Laguna Ranch, Elmore, Est. cost \$10,000.

App. 2664 (Elmer C. Co.) Amos Jones, for 100 cu. ft. per sec. from 61.40 acre, for 100 cu. ft. per sec. from 61.40 acre, for agricultural purposes, to irrigate lands near Elmore, Cal. Est. cost \$10,000.

App. 2665 (Elmer C. Co.) Idyllwild, Inc., for 100 cu. ft. per sec. from 1 cu. ft. p. r. sec. from Strawberry Creek, for irrigation purposes, Est. cost \$1000.

App. 2666 (Elmer C. Co.) L. Bryan Napa, for 100 cu. ft. per sec. from Metcalf Creek and Napa River, for agricultural purposes, to irrigate 10 acres. App. No. 2667 (Elmer C. Co.) F. Detert San Francisco, for 100 cu. ft. per sec. from 2000 ac. p. r. sec. from Buckshot Creek, to be diverted in Guenoc Ranch, for agricultural purposes. Proposed to irrigate 1500 acres in Guenoc Ranch.

App. 2674 (Elmer C. Co.) Joseph Ogden et al. Los Angeles, for 200 cu. ft. per annum from Mohr Creek, for power purposes.

App. 2675 (Elmer C. Co.) Parris Valle, Chamber of Commerce, Parris, for 500 cu. ft. per sec. from San Jacinto River, for irrigating 10,000 acres. Est. cost \$8000.

App. 2677 (Fortuna Co.) Sespé Light & Power Co. Los Angeles, for 250 cu. ft. per sec. and 20,000 ac. ft. per annum from Elita Creek, for irrigation of 4000 acres in Rancho, Tierra Rejada and Los Pozos, Calleguas, Lower Simi Valley.

App. 2678 (Fortuna Co.) Sespé Light & Power Co. Los Angeles, for 250 cu. ft. per sec. and 20,000 ac. ft. per annum from Sespé Creek and tributaries, for power purposes. Proposes to develop 4800 cu. ft. p. r. sec. from 210 ft. high. Est. cost \$2,000,000.

App. 2679 (Fortuna Co.) Sespé Light & Power Co. Los Angeles, for 250 cu. ft. per sec. and 20,000 ac. ft. per annum from Sespé Creek, for irrigation of 30,000 acres and a power plant at Rancho San Miguel and Rancho San Antonio. Proposes 30 miles main ditch.

App. 3081 (San Bernardino Co.) F. B. Lewis and John W. Viskoun, trustees for grazed Harvard Irrigation District, for Los Angeles, for 100 cu. ft. per sec. from surface and under ground waters of Mojave River, to irrigate 8160 acres.

App. 3082 (Elmer C. Co.) City of Los Angeles, Los Angeles, for 2000 cu. ft. per annum from 116.16 acre Creek, for 1000 ac. and 1000 ac. Est. cost \$375,000.

App. 3083 (Los Angeles Co.) Thomas Gallagher, for 100 cu. ft. per sec. from 711 Trina Bldg., Los Angeles, for 10 cu. ft. per sec. and 500 ac. ft. per annum from Dolan Slough and Chicago to be developed for irrigation of 120 acres in San Francisco.

App. No. 3084 (Elmer C. Co.) W. H. Samuel, for 100 cu. ft. per sec. and 20,000 ac. ft. per annum from Trinity River, for irrigation of 7,000 acres in Fortunate Valley south of Red Bluff. Est. cost \$5,000,000.

App. 3090 (Elmer C. Co.) Tulumine Counties, Oakdale Irrigation Dist., from Stanislaus River, for 500 cu. ft. per sec. from Stanislaus River, for power purposes, 7556 cu. ft. to be developed. Est. cost \$300,000.

App. 3201 (Elmer C. Co.) Tulumine Counties, Oakdale Irrigation Dist., of

Oakdale, South San Joaquin Irrigation Dist. of Manteca, for 25,704 ac. ft. from Stanislaus River, for irrigating 145,195 acres, Melones Dam, concrete construction 70 ft. high. Proposes 23 miles of main ditch. Est. cost \$2,000,000.

App. 3202 (Placer Co.) Victor T. Matthews, Chico, Cal., for 75 cu. ft. per sec. and 40,000 ac. ft. per annum from North Fork of American River, for irrigating 20,000 acres, water to be taken into ditch from a power house.

App. 3203 (Monterey Co.) P. H. Smith, Stockton, Cal., for 600 cu. ft. per sec. from Smith Spring, for irrigation of 40 acres near point of diversion. Est. cost \$1000.

App. 3204 (Siskiyou Co.) Oak Bottom Bank Syndicate, 1104 Pacific Mutual Bldg., Los Angeles, for 75 cu. ft. per sec. from Woods Creek, for generating power for sawmill and lignite camp. Est. cost to develop 213 T. H. ft. Est. cost \$75,000.

App. 3102 (Siskiyou Co.) A. D. Fish, Weed, Cal., for 330 cu. ft. per sec. from 1000 ac. p. r. sec. from 1000 ac. p. r. sec. point of diversion. Proposes to develop 100 T. H. ft. Est. cost \$15,000.

App. 3103 (Siskiyou Co.) Shasta Mines and Reduction Co., Weed, Cal., for 100 cu. ft. per sec. from 1000 ac. p. r. sec. from 1000 ac. p. r. sec. Shasta of Eddy Creek, for power purposes near point of diversion. Proposes to develop 100 T. H. ft. Est. cost \$15,000.

App. 3104 (San Joaquin Co.) Richard J. Henry, Route 5, Box 35, Stockton, Cal., for 175 cu. ft. per sec. from Middle River, for irrigation of 140 acres.

App. 3105 (Shasta Co.) Shasta Light & Power Bldg., San Francisco, Cal., for 4000 cu. ft. per sec. and 2,000,000 ac. ft. per annum from Sacramento River and tributaries, for irrigation of 120,000 acres in Sacramento Valley including the Delta Area. Proposes dam 420 ft. high. Est. cost \$40,000,000.

App. 3106 (Shasta Co.) W. H. Phillips, 1000 E. Main, Eureka, Cal., for 1000 cu. ft. per sec. from Sacramento River and tributaries, for power purposes. Proposes to develop 200,000 cu. ft. p. r. sec. from 1000 ft. high. Est. cost \$40,000.

App. 3107 (Kern Co.) T. C. Hanners and M. C. Benedict, Inyokern, Cal., for 12 cu. ft. per sec. from Demsey Canyon, for irrigation of 105 acres. Est. cost \$4000.

Permits Granted

Following is a list of permits granted by the Division of Water Rights during the month of September.

Permit 1151 (Los Angeles Co.) Issued to John Diamond, Acton, Cal., for 300 cu. ft. per sec. from four springs in Sycamore Canyon, for irrigation of 10 acres in Sec. 15. Est. cost \$1000.

Permit 1152 (Solano Co.) Issued to Reed M. Clark, 1154 Humboldt Bank Bldg., San Francisco, Cal., for 8 cu. ft. per sec. from Esplanade Creek, for power purposes. Proposes to develop theoretical horsepower. Est. cost \$5000.

Permit 1153 (Stanislaus Co.) Issued to R. W. Gray, Riverbank, Cal., for 12 cu. ft. per sec. from Stanislaus River for irrigation of 10 acres. Est. cost \$1000.

Permit 1154 (Yuba Co.) Issued to Yuba Development Co., 1213 Robert Bldg., San Francisco, for 100 cu. ft. per sec. and 5000 ac. ft. per annum from Yuba River, for power purposes; proposes to develop 18,886 T. H. p. Est. cost \$100,000.

Permit 1155 (Los Angeles Co.) Issued to Peter Siemens, 5050 Raphael St., Los Angeles, Cal., for 10 cu. ft. per sec. from an unnamed stream and spring in T. 2, N. 2, E. 10, for irrigation of 50 acres near point of diversion. Est. cost \$4000.

Permit 1156 (San Joaquin Co.) Issued to C. C. Stewart, Colusa, Cal., for 100 cu. ft. per sec. from 1000 ac. p. r. sec. Hermann, 1104 Merchants Exchange Bldg., San Francisco, for 100 cu. ft. per sec. from Tom Paine Slough and Paradise Creek at junction of 5300 ac. p. r. sec. and Tom Paine Slough, for irrigation of 8500 acres in the Rancho El Pescadero. Est. cost \$250,000.

Permit 1159 (San Diego Co.) Issued to C. C. Stewart, Julian, Cal., for 10 cu. ft. per sec. from Valiente Creek, for irrigation of 120 acres near point of diversion. Est. cost \$5000.

Permit 1161 (San Joaquin Co.) Issued to Tom Tatum, 22 Carlton C. Bldg., Commercial Savings Bank Bldg., Stockton, Cal., for 37 cu. ft. per sec. from Mokelumne River for irrigation of 294 acres near point of diversion. Est. cost \$2500.

Permit 1162 (Sacramento Co.) Issued to William Doe, Box 606, R. E. D. No. 1,

Sacramento, Cal., for 357 cu. ft. per sec. from Sacramento River, for irrigation of 286 acres near point of diversion. Est. cost \$2500.

Permit 1164 (Stanislaus Co.) Issued to Turlock Irrigation Dist., care of R. V. Meikle, chief engineer, Turlock, Cal., for 325,000 ac. ft. per annum from Turlock River, for power purposes; proposes to develop 106,526 t. h. p. Est. cost \$4,550,000.

Permit 1165 (Stanislaus Co.) Issued to Turlock Irrigation Dist., care of R. V. Meikle, chief engineer, Turlock, Cal., for 325,000 ac. ft. per annum from Turlock River for irrigation of 178,756 acres in the Turlock Irrigation District. Est. cost \$4,550,000.

Permit 1166 (Stanislaus Co.) Issued to Turlock Irrigation District, care of R. V. Meikle, chief engineer, Turlock, Cal., for 325,000 ac. ft. per annum from Turlock River, for power purposes. Proposes to develop 106,526 t. h. p. Est. cost \$4,550,000.

Permit 1167 (Los Angeles Co.) Issued to John W. Citizens National Bank Bldg., Los Angeles, Cal., for 62 cu. ft. per sec. for irrigation of 35 acres. Est. cost \$1000.

Permit 1168 (Los Angeles Co.) Issued to County of Los Angeles, care of J. E. Rockhold, county surveyor, Los Angeles, Cal., for 62 cu. ft. per sec. from a spring near point of Mesquite Creek, for domestic purposes, for public camp grounds near point of diversion. Est. cost \$5000.

Permit 1170 (Alameda Co.) Issued to G. B. and J. D. Calver, Alameda, Cal., for 1270 ac. ft. per annum from Juniper Gulch, for irrigation of 578 acres. Est. cost \$15,000.

Permit 1171 (Alpine Co.) Issued to W. P. Dressler, F. Neidenrich & W. H. Settelmyer, care of P. E. Brockhaus, Nevada, for 485 ac. ft. per annum from 1000 ac. p. r. sec. for irrigation of 480 acres. Est. cost \$7500.

Permit 1172 (San Bernardino Co.) Issued to C. A. Du Bois, Victorville, Cal., for 0.12 cu. ft. per sec. from an unnamed spring, for irrigation of 10 acres in Sec. 16. Est. cost \$1500.

Permit 1174 (Butte Co.) Issued to R. W. Campbell, care of R. M. Gray, grant engineer, Orville, Cal., for 3 cu. ft. per sec. from Cottonwood Creek, for irrigation of 240 acres near point of diversion. Est. cost \$1000.

Permit 1175 (Shasta Co.) Issued to Leach & Lyon, Glenburn, Cal., for 1 cu. ft. p. r. sec. from Fall River for irrigation of 90 acres. Est. cost \$2000.

Permit 1178 (Solano Co.) Issued to F. M. Clark, 1154 Humboldt Bank Bldg., San Francisco, Cal., for 0.56 cu. ft. per sec. from Elita Creek, for irrigation of 60 acres. Est. cost \$1500.

Permit 1179 (Solano Co.) Issued to R. W. Gray, Riverbank, Cal., for 12 cu. ft. per sec. from Elita Creek, for irrigation of 155 acres. Est. cost \$2000.

Permit 1180 (Solano Co.) Issued to C. J. Van Alstyne, Cal., for 250 cu. ft. per sec. from Elita Creek, for irrigation of 200 acres. Est. cost \$2000.

Permit 1182 (Solano Co.) Issued to J. N. K. Goss, Vacaville, Cal., for 15 cu. ft. per sec. from Alita Creek, for irrigation of 1205 acres. Est. cost \$1200.

H. A. Kluegel, Chief of the Division of Water Rights.

BUSINESS OPPORTUNITIES

Further information regarding these opportunities may be had from Foreign and Domestic Trade Bureau, 822 Merchants Exchange Bldg., by referring to Index Number:

6105—Denmark. Manufacturers of electrical machinery and material for which unusual merit is claimed desires to reach manufacturers or dealers of electrical products.

6106—Denmark. Manufacturers of vaporizing oil stoves desire to establish connections with importers of such articles.

6107—Denmark. Manufacturer of machinery and mechanical material for which unusual merit is claimed desires to reach manufacturers or dealers of electrical products.

6108—Mexico City, Mexico. Business house wishes to get in touch with San Francisco firms interested in the exploitation of a concession of guano on the Pacific coast of Mexico as well as the development of a large asbestos deposit in the central part of the Republic.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am't
3956	Knowles	Owner	3000
3957	Moneta	Owner	19100
3958	Schoorl	Boxton	5000
3959	Yackley	Cunco	1500
3960	Morris	Owner	3000
3961	Janik	Owner	1000
3962	Ruch	Mohler	1000
3963	Anderson	Owner	1000
3964	Same	Same	2000
3965	Miller	Forbes	75716
3966	Same	Klumba	2573
3967	Same	Skelly	1919
3968	Same	Van Emon	6983
3969	Payne	Nelson	7175
3970	Peterson	Owner	5000
3971	Koenig	Koenig	1000
3972	Sheldon	Del Favero	7000
3973	Lacy	Stone	16082
3974	Hartle	Pearson	2000
3975	Cadwalader	Owner	1800
3976	Conet	Owner	25000
3977	Popular	Owner	16000
3978	Butler	Owner	4500
3979	Goltzene	Goltzene	1000
3980	Janssen	Owner	3550
3981	Same	Same	3550
3982	Bordman	Petter	1000
3983	Gunn	Scott	3500
3984	Same	Forster	13467
3985	Ostmann	Cox	6217
3986	Hamill	Owner	12000
3987	Morris	Owner	1000
3988	Savage	Crouser	2800
3989	Baldwin	Peterson	1000
3990	Willeman	Moller	4324
3991	United	Martin	1200
3992	Harrison	Jensen	80000
3993	Tyler	Owner	18000
3994	Hunscho	Owner	11000
3995	O'Brien	Owner	125000
3996	Hinkel	Owner	6000
3997	Whitcomb	Demarias	4941
3998	Johnson	Owner	6000
3999	Axford	Meinberger	9500
4000	Judd	Moneson	16739
4001	Sculley	Carlson	1975
4002	General	Wagner	29414
4003	Denman	Hardy	4221
4004	Ellis	Owner	18000
4005	Ohlander	Owner	1500
4006	Prohl	Hoin	7500
4007	Fisher	Fleet	1650
4008	Bjors	Owner	8000
4009	Bishop	Sprague	1000
4010	Fowler	Andersen	2950
4011	Hind	Hind	24000
4012	Miller	Owner	3000
4013	Elliott	Owner	1000
4014	Womans	Mission	1500
4015	Ebert	Heberle	1800
4016	Hart	Wagner	10300
4017	Perley	Mission	9029
4018	Ryan	Spitz	4190

REPAIRS

(3956) W BRYANT 120 S Fifteenth. Repair fire damage to furniture factory.

Owner—Knowles Corporation, 3 Potrero Ave., San Francisco. Plans by Owner. \$5000

DWELLINGS

(3957) 191, 222, 253, 284, 315, 346, 377, 408, 439 and 470 W Foerster. Thirteen one-story and basement frame dwellings.

Owner—Moneta Investment Co., 233 Pacific Bldg., San Francisco. Plans by Owner. \$3800 each

DWELLING

(3958) SE FERNANDO WAY AND Monterey Blvd. One and one-half-story and basement frame dwellings.

Owner—Mrs. A. J. Schoorl, 6 Lang Realty Co., 1st Nat'l Bank Bldg., San Francisco.

Architect—Harold G. Stoner, 1st Nat'l Bank Bldg., San Francisco. Contractor—Boxton & Zwieg, 809 Flatiron Bldg., S. F. \$8000

DWELLING

(3959) W NATOMA 90 N Fifteenth. One-story and basement frame dwelling.

Owner—Mrs. A. Yackley, 1530 15th St San Francisco. Architect—None. Contractor—A. Cunco, 243 Day St., W. Denatutti, 43 Lucky St., San Francisco. \$4500

FRAME FLATS

(3960) 8 SACRAMENTO 259 W Cherry Two-story and basement frame (4) flats.

Owner—A. T. Morris, 602 9th Ave., San Francisco. Architect—None. \$8000

ALTERATIONS

(3961) NO. 3916 TWENTY-SIXTH ST. Alter garage for workshop; alter five-room dwelling.

Owner—Frank Janik, Premises. Architect—None. \$1000

DWELLING

(3962) W TWENTY-THIRD AVE. 159 S Geary. One-story and basement frame dwelling.

Owner—A. H. Ruth, 4121 18th St., San Francisco. Architect—None.

Contractor—T. E. Mohler, 458 23rd Ave., San Francisco. \$4000

DWELLINGS

(3963) 8 AVALON 75 and 100 W Edinburg. Two one-story and basement frame dwellings.

Owner—K. Anderson and T. Johnson, 133 Bertita St., San Francisco. Architect—None. \$2000 each

DWELLING

(3964) SW EDINBURGH & AVALON. One-story and basement frame dwelling.

Owner—K. Anderson and T. Johnson, 133 Bertita St., San Francisco. Architect—None. \$2000

CLASS B BLDG.

(3965) N TURK 87-6 E Hyde E 50x N 137-6. All work except plumbing, electrical work and elevator work for five-story and basement Class B loft building.

Owner—Christopher C. Miller, 385 Taylor St., San Francisco. Architect—Martin A. Sheldon, 110 Sutter St., San Francisco.

Contractor—R. J. H. Forbes, Monadnock Bldg., San Francisco. Filed Nov. 3, '22. Dated Oct. 31, '22.

Foundation poured to basement floor level \$ 5,000
1st floor poured and cement finished 5,000
Mezzanine poured and cement finished 5,000
2nd floor poured and cement finished 5,000

3rd floor poured and cement finished 5,000
4th floor poured and cement finished 6,000
5th floor poured and cement finished 6,000

Composition roof on 6,000
Interior partitions set and brown coated 3,000

Completed and accepted 18,929
Usual 35 days 18,929

TOTAL COST, \$75,716
Bond, \$37,858. Surety, Fidelity & Deposit Co. of Maryland, Limit, 156 days after Nov. 6. Forfeit, none. Plans and specifications filed.

(3966) ELECTRICAL WORK ON

above.
Contractor—Frank J. Klumba, 221 oak St., San Francisco.

Filed Nov. 3, '22. Dated Oct. 31, '22. Roughing in completed \$1986

Completed and accepted 993
Usual 35 days 991

TOTAL COST, \$3973
Bond, \$1986.50. Surety Fidelity & Deposit Co. of Maryland, Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(3967) PLUMBING & SEWER WORK

on above.
Contractor—Thomas Seilly, 1312 9th Ave., San Francisco.

Filed Nov. 3, '22. Dated Oct. 31, '22. Roughing in completed \$2474

Completed and accepted 1237
Usual 35 days 1238

TOTAL COST, \$4949
Bond, \$2475. Surety, Fidelity & Deposit Co. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(3968) FREIGHT AND PASSENGER

elevators on above.
Contractor—Van Emon Elevator Co., 1161 Howard St., San Francisco.

Filed Nov. 3, '22. Dated Oct. 31, '22. Elevator machinery delivered, \$3491

Completed and accepted 1745
Usual 35 days 1747

TOTAL COST, \$5938
Bond, \$3492. Surety, Hartford Accident & Indemnity Co. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

FRAME BLDG.

(3969) LOT 15 BLK 3128 Westwood Park. All work for one-story and basement frame building.

Owner—Mrs. Janet J. Payne, 2812 Laguna St., San Francisco. Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.

Contractor—Hans Nelson, 1375 Plymouth Ave., San Francisco. Filed Nov. 3, '22. Dated Aug. 28, '22.

Frame enclosed \$1168.75
Brown coated 1168.75
Completed and accepted 1168.75

Usual 35 days 1168.75
TOTAL COST, \$1715.00

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING

(3970) NW FORTOLA DRIVE 412 NE Kensington. One-story and basement frame dwelling.

Owner—Carl H. Peterson, 216 Sharon Bldg., San Francisco. Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$5000

DWELLING

(2971) NW PACHEOC & MERCED Ave. One-story and basement frame dwelling.
Owner—Mrs. Wm. Koenig, 970 Geary St., San Francisco.
Architect—Wm. Koenig, 970 Geary St., San Francisco.
Contractor—Wm. Koenig, 970 Geary St., San Francisco. \$4000

CONCRETE FLOOR

(3972) NO. 531-535 WASHINGTON ST. Construction reinforced concrete floor in public garage.
Owner—Mark Sheldon Co., Sheldon Bldg., San Francisco.
Architect—None.
Contractor—Del Favero & Rasori, 180 Jessie St., San Francisco. \$7000

RESIDENCE

(2973) E CHERRY 119-614 N Washington N 40XE 117-5. All work except finish hardware, window shades, light fixtures and painting for one-story and basement frame residence.
Owner—Helen S. Levy, 68 Post St., San Francisco.
Architect—Alfred Henry Jacobs, 110 Sutter St., San Francisco.
Contractor—A. L. Stone, 4234 Kirkham St., San Francisco. \$17,500
Filed Nov. 4, '22. Dated Nov. 3, '22. cost of labor and 75% cost of material as work progresses, on Architect's certificate, total not to exceed\$12,061.86
Usual 35 days.....Balance
TOTAL COST, not to exceed \$15,982.50
contractor to receive \$14,000.
Bond, \$8741.25. Sureties, E. F. Enochs and W. F. Wood. Limit, Apr. 1, 1923. Forfeit, none. Plans and specifications filed.

DWELLING

(2974) N BACON 65 W Holyoke. One-story and basement frame dwelling.
Owner—Henry Hartje, 318 Bacon St., San Francisco.
Architect—None.
Contractor—Fred Pearson, 348 Holyoke St., San Francisco. \$2000

DRY KILN

(3975) SE BRANNAN AND FIFTH. One-story concrete and tile walls (wood roof) dry kiln.
Owner—Adwelder (Gilson Co., 234 Stewart St., San Francisco. \$1800
Architect—None.

APARTMENTS

(3976) SW COLE AND PARNASSUS Ave. Three-story and basement frame (12) apartments.
Owner—John J. Binet, 336 Church St., San Francisco.
Architect—None. Cost, \$35,000

RESIDENCES

(2977) FE EDNA AND JACKSON and E Edna 25. 50 and 75 N Jackson. Four one-story & basement frame residences.
Owner—Popular Investment Co., 4 Columbus Ave., San Francisco.
Architect—None. \$4000 each

STUDIO

(3978) S FULTON 169-9 E Franklin. One-story reinforced concrete studio.
Owner—Miss K. A. Butler, 163 25th Ave., San Francisco.
Architect—Philip Schwerdt, 2920 Jackson St., San Francisco. \$4500

ADDITION

(3979) S IRVING 100 7 th Ave. Addition of one-story to frame flats now under construction.
Owner—Lillian Goltzene, 3 Vicksburg St., San Francisco.
Architect—None.
Contractor—C. Goltzene, 3 Vicksburg St., San Francisco. \$4000

DWELLING

(3980) E TWENTY-SEVENTH AV 220 N Balboa. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco. \$3950
Architect—None.

DWELLING

(3981) E TWENTY-EIGHTH AV 275 N Clement. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. \$3950

ALTERATIONS

(3982) NO 1228 VALLEJO. Alter interior of residence.
Owner—George C. Boardman, Premises
Architect—None.
Contractor—F. Fetter, 301 Guerrero St., San Francisco. \$3000

RESIDENCE

E CHERRY 119-614 N Washington. One-story and basement frame residence.
Owner—Helen S. Levy, 68 Post St., San Francisco.
Architect—Alfred Henry Jacobs, 110 Sutter St., San Francisco.
Contractor—A. L. Stone, 4234 Kirkham St., San Francisco. \$17,500
NOTE—Recorded contract reported Nov. 6, 1922. No. 3973.

APARTMENTS

(3983) SW GEARY & JONES. Steam heating, boiler radiators, hot water boiler, oil burner, etc., for six-story and basement apartment building.
Owner—S. & G. Gump Realty Co., 216 Post St., San Francisco.
Architect—Milton Latham, 454 Montgomery St., San Francisco.
Contractor—Scott Co., Inc., 213 Mima St., San Francisco.
Filed Nov. 6, '22. Dated Nov. 1, '22.
Piping roughed in.....\$1300
Completed and accepted.....1300
Usual 35 days.....900
TOTAL COST, \$3500
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

PLUMBING AND SEWERAGE

on above
Contractor—William J. Forster Co., 670 Howard St., San Francisco.
Filed Nov. 6, '22. Dated Nov. 6, '22.
Piping roughed in.....\$5000
Bath tubs installed.....1500
Completed and accepted.....3500
Usual 35 days.....3467
TOTAL COST, \$13,467
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDING

(3985) E SEVENTH AV 200 N Kirkham. All work for two-story and basement frame building.
Owner—J. and Emile Oestermann, 969 Page St., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco.
Filed Nov. 6, '22. Dated Nov. 3, '22.
Frame up\$1579
Brown coated1579
Completed1580
Usual 35 days.....\$6317
TOTAL COST, \$6317
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FLATS

(3986) S CARL 127-5 and 152-5 W Willard. Two two-story and basement frame (2 in each) flats.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. \$6000 each

DWELLING

(3987) S CARRILLO 95 W 12th Ave. One-story and basement frame dwelling.

Owner—A. T. Morris, 602 9th Ave., San Francisco.
Architect—None. \$4000

ALTERATIONS

(3988) NO. 252 EIGHTH AVE. Alter dwelling for flats.
Owner—P. L. Savage, Premises.
Architect—None.
Contractor—H. L. Crouser, 1722 Sanchez St., San Francisco. \$2800

ADDITION

(3989) NO. 1001 GREEN. Addition of sun room.
Owner—O. D. Baldwin, Premises.
Architect—A. W. Burgren, 110 Sutter St., San Francisco.
Contractor—G. Peterson, Monadnock Bldg., San Francisco. \$1000

ALTERATIONS

(3990) W LEAVENWORTH bet. Vallejo and Green No. 1841. Alterations and repairs to flats.
Owner—S. J. Wikkleman.
Architect—None.
Contractor—R. W. Moller, 630 Call Bldg., San Francisco. \$4324

ALTERATIONS

(3991) NO. 1204 MARKET. Change store front, install plumbing; construct stairs to basement.
Owner—United Cigar Stores Co., 555 Howard St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco. \$1200

AUTO SALES ROOM

(3992) NE O'FARRELL AND FOLK. One-story and basement concrete auto sales rooms.
Owner—Harrison Investment Co., Folk and Van Ness Ave., S. F.
Architect—J. R. Miller and T. S. Fluiger, Lick Bldg., S. F.
Contractor—C. P. W. Jensen, 320 Market St., S. F. \$80,000

FLATS

(3993) N OAK 87-6 and 112-6 W Scott. Two two-story and basement frame (2 in each) flats.
Owner—P. D. Taylor, 1438 Cabrillo St., San Francisco.
Architect—None. \$9000 each

FLATS

(3994) E SIXTH AV 125 N Cabrillo. Two-story and basement frame (4) flats.
Owner—G. Hunseth, 2245 15th St., San Francisco.
Architect—None. \$11,000

APARTMENTS

(3995) SW TAYLOR AND ADELAID Place. Six-story and basement steel frame and reinforced concrete (41) apartments.
Owner—R. J. O'Brien & T. F. Kiernan, 110 Sutter St., San Francisco.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco. \$125,000

DWELLINGS

(3996) W TWENTY-FOURTH AV 200 and 227 N Fulton. Two one-story and basement frame dwlg's.
Owner—Hinkel Bros., 1204 Castro St., San Francisco.
Architect—None. \$3000 each

ALTERATIONS

(3997) E TWENTY-EIGHTH AV 200 S Clement. Terrazzo steps; plastering; electric work; interior finish for flats.
Owner—J. E. Whitcomb, 438 28th Ave., San Francisco.
Architect—None.
Contractor—E. W. Demarais & Son, 732 Page St., S. F. \$4944

DWELLINGS

(3898) W THIRTY-THIRD AVE 157 and 189 N Fulton. Two one-story and basement frame dwellings. Owner—S. Johnson, 632 Funston Ave., San Francisco. Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$3000 each

FLATS

(2399) N GROVE 106-4 E Clayton E 25XN 137-6. All work for two-story frame building (2 flats). Owner—Allen C. Axford, 376 Treat Ave., San Francisco. Architect—None. Contractor—Herman S. Meinberger, 5720 California St., S. F. Filed Nov. 8, '22. Dated Oct. 30, '22. Rough frame up.....\$2375 Brown coated.....2375 Completed.....2375 Usual 35 days.....2375 TOTAL COST, \$9500

Bond, none. Limit, 105 days after Nov. 6, 1922. Forfeit, plans and specifications, none.

STORE BLDG.

(4000) N SACRAMENTO 130 W Front 25XN 120-3. All work for one-story and basement Class C store building. Owner—H. L. Judell & Co., 126 Front St., San Francisco. Architect—Bernard J. Joseph, Call Bldg., San Francisco. Contractor—Monson Bros., 251 Kearny St., San Francisco. Filed Nov. 8, '22. Dated Oct. 27, '22. Concrete foundation up to 1st floor joists.....\$2550 Tar and gravel roof done.....3000 Plastering completed.....3500 Completed and accepted.....3500 Usual 35 days.....4189 TOTAL COST, \$16,739

Bond, \$8500. Sureties, S. L. Forsyth and Chas. Monson. Limit, 80 days. Forfeit, \$10. Plans and specifications filed.

ALTERATIONS

(4001) N 218 GRAFTON AVE. All work for alterations to building. Owner—Mrs. M. Scully, Premises. Architect—None. Contractor—Gust Carlson and Olaf Olsen, 360 Granada Ave., S. F. Filed Nov. 8, '22. Dated Sept. 16, '22. Work to be paid for in monthly installments of.....\$30 TOTAL COST, \$1975

Bond, limit, forfeit, plans and specifications, none.

FACTORY BLDG.

(4002) INT. N PAUL AVE and W line right-of-way Southern Pacific Railroad N 950XW 350. All work for one-story factory building. Owner—General Mfg. Co., Pacific Bldg San Francisco. Architect—None. Contractor—Geo. Wagner, 251 Kearny St., San Francisco. Filed Nov. 8, '22. Dated Oct. 28, '22. Owner to pay bills for material and labor as work progresses. TOTAL COST, not to exceed \$36,474; contractor to receive, \$3000. Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

GARAGE

(4003) SE PACIFIC AND LAUREL. All work for two-story frame garage. Owner—Wm. Denman, Merchants Exchange Bldg., San Francisco. Architect—Willard & Hurt, Mills Bldg., San Francisco. Contractor—A. M. Hardy, 518 24th Ave., San Francisco. Filed Nov. 8, '22. Dated Nov. 7, '22. Rough frame up.....\$1052.5 Plaster completed.....1055.25

Completed and accepted, 1055.25 Usual 35 days.....1055.25 TOTAL COST, \$4221.00

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

APARTMENTS

(4004) SE ANZA AND NINTH AVE. Three-story and basement frame (4) apartments. Owner—Chas. Ellis, 1911 Lake St., San Francisco. Architect—A. Wagstaff, 658 11st Ave., San Francisco. \$18,000

DWELLING

(4005) E ATHENS 25 S Excelsior One-story and basement frame dwelling. Owner—Oscar Ohlander, 2106 Folsom St., and A. Ohlson, 2306 Market St., San Francisco. Designer—A. Ohlson, 2306 Market St., San Francisco. \$1500

ADDITION

(4006) SW CLAY AND LARKIN. Remove roof and add one-story to apartments. Owner—Proll Estate, Premises. Architect—None. Contractor—Theo. S. Hoin, 1739 Washington St., S. F. \$7500

ALTERATIONS

(4007) NO. 2027 CALIFORNIA. Rearrange and erect new partitions in dwelling. Owner—Mrs. W. Fisher, 1819 California St., San Francisco. Architect—None. Contractor—A. E. Fleet, 1621 California St., San Francisco. \$1650

FRAME FLATS

(4008) W FOURTH AVE 75 N Anza. Two-story and basement frame (2) flats. Owner—Victor Bjors, 2668 Bryant St., San Francisco. Architect—None. \$8000

ALTERATIONS

(4009) NO. 3410 MISSION. Alter for store; plastering, etc. Owner—Mrs. L. Bishop, 125 Vicksburg St., San Francisco. Architect—None. Contractor—J. P. Sprague, 387 Coleridge St., San Francisco. \$1000

GARAGE

(4010) NO. 834 NORTH POINT (rear) One-story frame private garage. Owner—Mrs. A. Fowler, 834 North Point St., San Francisco. Architect—None. Contractor—J. M. Andersen, 1612 Pacific Ave., S. F. \$2950

APARTMENTS

(4011) S OFARRELL 92-6 E Franklin Three-story and basement frame (12) apartments. Owner—Alfred E. Hind, % Architect, Architect—W. G. Hind, 885 Webster St., Oakland. Contractor—H. W. Hind, % Architect. \$24,000

DWELLING

(4012) W VIENNA 275 S France. One story and basement frame dwlg. Owner—John Miller, 82 Rotteck St., San Francisco. Architect—None. \$3000

ALTERATIONS

(4013) NO. 641 LARKIN. Alter for bakery. Owner—S. G. Elliott, Premises. Architect—None. \$1000

RETAINING WALL

(4014) NO. 640 SUTTER. Construct concrete retaining wall. Owner—Womans Athletic Club, Prem. Architect—W. G. Brown, 120 Market St., San Francisco. Contractor—Mission Concrete Co., 517 New Call Bldg., S. F. \$1500

BUNGALOW

(4015) N 10TH AVE 10TH AVE 78 26th Ave., San Francisco. Architect—None. Contractor—Richard H. Beck, 148 Alameda St., S. F. \$1800

RESIDENCE

(4016) NE LEBERLY 10 DOLORES 75 76 All work for two-story and basement frame residence. Owner—Pearl E. and L. A. Hart, 1915 Sanchez St., San Francisco. Architect—None. Contractor—Mazze Bros., 1418 Valencia St., San Francisco. Filed Nov. 3, '22. Dated Oct. 8, '22. 1st story part.....\$1000 Frame up.....2200 Brown coated.....2200 Completed.....2325 Usual 35 days.....2375 TOTAL COST, \$8000

Bond, none. Limit, 150 days after Nov. 10, 1922. Forfeit, none. Plans and specifications filed.

CLASS C BLDG.

(4017) N FOURTEENTH 80 E Mission N 75 m or 1 E 69-41 m or 1 E 75 E 65-7. All work for one-story "Class C" building. Owner—A. E. Perley, 249 Dolores St., San Francisco. Architect—H. C. Rammann, 274 Kearny St., San Francisco. Contractor—Vincent F. Casco, Gas Mission Concrete Co., Call Bldg., San Francisco.

Filed Nov. 9, '22. Dated Oct. 26, '22. On 1st and 15th of each month 55. Usual 35 days.....25 TOTAL COST, \$9029

Bond, \$4511.50. Sureties, Stephen J. Guerin and John Casarotto. Limit, 50 days. Forfeit, none. Plans and specifications filed.

BUILDING

(4018) FOSTER AND JOOST AVE 29X90. All work for one-story frame building. Owner—Ella Ryan, Premises. Plans by Contractor. Contractor—G. Spitz, 56 Langdon St., San Francisco. Filed Nov. 9, '22. Dated Oct. 24, '22. Frame up.....\$1100 Plaster on.....1150 Completed and accepted.....1150 Usual 35 days.....1190 TOTAL COST, \$4490

Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Nov. 3, 1922—LOT 13 BLK 4, Sunny-side, Anders M. Boe to whom it may concern.....Nov. 3, 1922 Nov. 4, 1922—PTN LOTS 11 AND 12 Blk 3160, Westwood Park, Hans and Esther Nelson to whom it may concern.....Oct. 31, 1922 Nov. 4, 1922—LOT 4 BLK 3178, Westwood Park, Hans and Esther E. Nelson to whom it may concern.....Oct. 31, 1922 Nov. 4, 1922—BLK BRED by Powell, Jefferson, Mason and Beach, being North Beach Block 146 Pacific Gas & Electric Co. to Western Pipe & Steel Co. of Calif.,.....Nov. 3, 1922 Nov. 4, 1922—W FOURTEENTH AVE 75 S Cabrillo, Harry E. Walsh to Harry Moran.....Sept. 28, 1922 Nov. 4, 1922—N CALIFORNIA 56 E 18th Ave., Kate and John Bellan to Andrew Olson & F. Persson.....Nov. 1, 1922 Nov. 4, 1922—W HYDE bet. California and Sacramento No. 1127 Hyde, Edith N. Gould Smith to L. Solomon.....Nov. 1, 1922

Nov. 4, 1922—N JUDSON AVE S 89° 36' W 2.35 from E line Lot 11 Blk 3160, Westwood Park, rung, th alig N line Judson Ave S 89° 36' W 31.55 N 6° 24' W 90 to a pt on N line Lot 12 Blk 3160 Fifth S 89° 36' W 3.90 fm E line Lot 12 N 89° 36' E 31.55 S 0° 24' E 90 to beg Pin Lots 11 and 12 Blk 3160, Westwood Park. Hans and wife Esther E Nelson to whom it may concern.....Oct. 31, 1922

Nov. 2, 1922—N GOLDEN GATE AV 137-6 W Laguna W 68-9XN 137-6. Walter L Hogan and W F Postel to whom it may concern.....Oct. 25, '22

Nov. 3, 1922—NW HOWARD AND First 85 on First by 200 alg How- ard Potham Real Estate Co to Cahill Bros.....Nov. 1, 1922

Nov. 3, 1922—N TWENTY-FIFTH 50 W Bryant W 25XN 104. Geo A Gruling to whom it may concern.....Nov. 3, 1922

Nov. 3, 1922—W O'FAVIA 137-6 N Union N 27-6XW 100. Cons- tance Storti to Mission Concrete Co.....Nov. 1, 1922

Nov. 3, 1922—SE MISSION 25 NE Crescent Ave NE 25XSE 71. Alfred E Hind to Harry W Hind.....Nov. 2, 1922

Nov. 3, 1922—E NINETEENTH AVE 200 N Clement N 25XE 120. Gertrude M Weiler to A Peterson.....Nov. 3, 1922

Nov. 4, 1922—SE MISSION 50 NE Crescent NE 25XSE 71. Alfred E Hind to Harry W Hind.....Nov. 2, 1922

Nov. 3, 1922—LOT 11 BLK 3251 Balboa Terrace. Henrietta Schulken to Gross & Trobach.....Nov. 3, 1922

Nov. 6, 1922—LOT 30 BLK 5, Forest Hill. E B Ward to Julius Berge.....Oct. 25, 1922

Nov. 6, 1922—NE SIXTEENTH AVE and Clement 25X104. T I and T B Strand to whom it may concern.....Nov. 6, 1922

Nov. 6, 1922—W BUCHANAN 113-6 N Hermann N 21XW 137-6. Edw W and Eng R Gremlinger to whom it may concern.....Oct. 6, 1922

Nov. 6, 1922—E ELEVENTH AVE 125 S Lake S 25XE 120. Geo E Mitchell to Sandberg & Essman.....Nov. 2, 1922

Nov. 6, 1922—LOT 34 BLK 4, Sunny- side. Ernest Backman to whom it may concern.....Nov. 1, 1922

Nov. 6, 1922—W FOURTEENTH AVE 266 S Balboa S 45XW 127-6. L B F Lila Milike to Nels P Johnson.....Nov. 6, 1922

Nov. 8, 1922—LOTS 1 AND 2 BLK 10, San Miguel City. Margaret B Setright to Geo M Merritt.....Nov. 6, 1922

Nov. 8, 1922—LOTS 19, 20 AND 21 Blk 17, Lake View. Elizabeth G Gearon to Louis J Cohn.....Oct. 30, 1922

Nov. 8, 1922—LOT 9 BLK 10, St. Francis Wood. Jeanette M Wolf to McIntosh Bros.....Oct. 31, 1922

Nov. 8, 1922—E SEVENTEENTH AVE 222-6 S Balboa. J W Edmonds to Meyer Bros.....Nov. 3, 1922

Nov. 8, 1922—W TWENTY-FIRST AVE 170 S California. Tillie Rieck to Fred Warden.....Nov. 8, 1922

Nov. 8, 1922—NE OLIVER 109 NW Brunswick NW 26XNE 100. Dan Lot 26, West End Hd Assn. Robert H and Mary E Childers to Jas Low.....Nov. 3, 1922

Nov. 8, 1922—S FILBERT 135-8 W Van Ness Ave 25X137-6. A Bratsoe to S Montali.....Nov. 8, 1922

Nov. 8, 1922—N PALOU AVE 275 E Lane. Guglielmo and Amelia Niccardi to Maddier-Hammersmith De- velopment Co.....Nov. 8, 1922

Nov. 8, 1922—SW BROADWAY AND Eatery. F M Danforth to Charles H Nilson.....Oct. 31, 1922

Nov. 8, 1922—NW PINE & MONT- gomery N 125XW 138-6. Commer- cial Union Assurance Co and The California Insurance Co to D N & E Walter & Co.....Nov. 8, 1922

Nov. 8, 1922—W FORTY-FOURTH AVE 100 to 250 S Geary. Meyer Bros to whom it may concern...

Nov. 1, 1922—W FORTY-THIRD AVE 155 N Geary. George A Pertram to Meyer Bros.....Nov. 3, 1922

Nov. 8, 1922—NW KIRKHAM AND Eleventh Ave W 57-6XN 24. Marie Petersen to whom it may concern.....Nov. 8, 1922

Nov. 8, 1922—N GEARY 137-6 E Taylor N 137-6XE 34-2. A F Rousseau to whom it may concern.....Nov. 8, 1922

Nov. 8, 1922—LOT 1 BLK 2987 Claremont Court. Harry A and Ellen Roessler to Wilson & Ben- son.....Oct. 21, 1922

Nov. 9, 1922—LOT 8 BLK 314 Westwood Park. Linnie Morris to whom it may concern.....Nov. 9, 1922

Nov. 9, 1922—N PINE 72-9 E Jones E 30-41XN 137-6. Blankenbush & Williams to whom it may concern.....Nov. 8, 1922

Nov. 9, 1922—W HEMMAY TERRACE 111-8 N Fulton NW Holloway Terrace and Fulton W Holloway Terrace 108-4 N Fulton. W L Hemmunga to W L Hemmunga.....Nov. 9, 1922

Nov. 9, 1922—W FORTY-FIFTH AVE 283 N Geary S 25XW 120. Harold E Gray to whom it may concern.....Nov. 9, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded.....Accepted

Nov. 3, 1922—LOT 11 BLK 6, St. Francis Wood Extn. Beck Bros vs Homes Loan Corp.....\$185

Nov. 3, 1922—LOT 11 BLK 6, St. Francis Wood Extension No. 1. M E Hammond vs Homes Loan Corp and Unit Constr Co.....\$61.50

Nov. 3, 1922—COMG. 100 N LAKE on Twenty-second Ave E 120XN 25. Amster Sheet Metal Works vs Miss Laura Goodman.....\$105

Nov. 3, 1922—LOT 11 BLK 6, St. Francis Wood Extn No. 1. Atlas Heating & Ventilating Co vs The Homes Loan Association, Homer Curtis and Unit Constr. Co.....\$102.25

Nov. 3, 1922—E VALENCIA 354.99 S Army S 75 E 103.39 NE 78.39 W 126.25. A Seghieri & Bro, Inc vs A B Harrison and Alex and Max Brodofsky (as Brodofsky Bros) and Emil Nelson.....\$2500

Nov. 3, 1922—LOT 11 BLK 6, St. Francis Wood Extn No. 1. Anderson Bros Planning Mill & Mfg Co. \$2044; United Materials Co. \$895 vs Unit Constr Co, Inc, and Homes Loan Corp.....\$102.25

Nov. 6, 1922—N GREEN 68-9 W Divisadero W 34-42XN 103-6. Capital Art Metal Co vs L B Allen as Windsor Terrace Bldg Co.....\$86.90

Nov. 8, 1922—W TWENTY-SIXTH AVE 332 S California S 25XW 120. Kitchen & Son vs Harry Moran, R C and Ida Holm.....\$177

Nov. 8, 1922—N PAGE 206-3 W Cole N 137-6XW 25. A J Thomas vs T C and Catherine J Curran.....\$423.54

Nov. 8, 1922—E TENTH AVE 270 S Fulton N 25XE 120. Cole Gas Heating Co vs Harry Moran and Percy and Mary V Gates.....\$105

Nov. 8, 1922—N CALIFORNIA 51-3 E Pierce N 120XE 25.1. Hoff Mag- nesite Co vs A W Shields.....\$77

Nov. 8, 1922—NW TWENTY-SIXTH and Dolores W 70XN 27. Holmes Planning Mill Co vs John Schroeder and Jas Tarbett.....\$107.40

Nov. 9, 1922—LOT 11 BLK 6, St. Francis Wood Extn No. 1. Stubo & Griffin vs Homes Loan Corp.....\$153

S F CONTRACTS.....

Nov. 9, 1922—E VALENCIA 354.99 S Army S 75 E 103.39 NE 78.39 W 126.25. P A Smith Co vs Emil Nelson, A B Harrison, Alex and Max Brodofsky (as Brodofsky Bros).....\$758.25

Nov. 9, 1922—NE MISSION 75 SW Fourth SW 75XNW 160. Michel & Pfeiffer Iron Works vs Mary A and Chas R Gleason and J L Mayberry (as Lubricating Gasoline Co. or Lubri-Gas Oil Co.).....\$200

Nov. 9, 1922—S JACKSON 137-6 E Spruce S 127-84XE 47-6. Ameri- can Electrical Engineering Co vs Grace V Benson.....\$985.90

Nov. 9, 1922—NW MISSION 75 SW Fourth SW 75XNW 160. John Cas- saretto vs Mary A Gleason.....\$328

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
Nov. 2, 1922—S WASHINGTON 137-6 W Leavenworth W 13-9X8 137-6. E M Hindeley to A Battaro and D J Patterson.....	
Nov. 3, 1922—NW TWENTY-SIXTH Ave and West Clay 40X100. Ginsberg Tile Co to C R Haley and Kenneth McDonald.....	\$689.95
Nov. 4, 1922—18 or 219 S CLEMENT 82-6 W Second Ave W 25XN 100. Lots 121, 123 and 125 Clement. S Ginsberg and H Ginsberg (as Ginsberg Tile Co.) to James Heney and George Morimoto.....	\$820
Nov. 8, 1922—N GREEN 171-10X E Broderick E 34-15XN 137-6. D Zemsky & Sons to H L E Meyer Jr and Eas T Meyer.....	

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Nov. 2, 1922. NE SUTTER AND Laguna E 27-6XN 112-4. A Emanuel as to improvements on property.....

Nov. 8, 1922. S SACRAMENTO 104-3 W Webster W 25-6X8 132-7X4. Lillie J Martin Cdn Estate Caroline C Martin, Inpt, as to im- provements on property.....

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
4292	Amert	Texdahl	1900
4293	Cooke	Owner	4000
4294	Gray	Vaughn	25000
4295	Brookes	Bushman	3500
4296	Zwaal	Owner	3500
4297	Hanner	Owner	2000
4298	Golden	Owner	1000
4299	Dahl	Nelson	5200
4300	Dahl	Owner	2500
4301	Medge	Owner	3000
4302	Nearby	Peters	2200
4303	McGartner	Owner	1900
4304	Toby	Shrader	1800
4305	Ford	Wilson	3000
4306	Jorgensen	Neergard	3500
4307	Lake	Owner	1000
4308	Marshall	Owner	5000
4309	Pellaton	Owner	6500
4310	Bannmann	Owner	2000
4311	Prouty	Wieslander	6000
4312	Phillips	Gossett	6000
4313	Same	Campennosi	3550
4314	Vaughn	Vaughn	1500
4315	Middents	Klein	2100
4316	Reom	Reom	4500
4317	Lukas	Anderson	2500
4318	Legriss	Owner	2500
4319	Hill	Owner	3000
4320	Smith	Knight	14500
4321	Same	Same	1450
4322	Same	Same	14500
4323	Chandler	Ernsberger	1000
4324	Church	Ahnfeld	3200
4325	Hazen	Anderson	14000
4326	Scott	Walker	11000
4327	Wallin	California	12000
4328	Boening	Owner	2000
4329	Angello	Owner	4250
4330	Bastern	Knowles	26000
4331	Megas	Woods	6500

4832	Wall	Steffens	2000
4833	Ingram	Ingram	1500
4834	Same	Same	1500
4835	Chapman	Sauctury	1700
4836	Lamarz	California	3560
4837	Deuble	California	13500
4838	Huntington	California	13500
4839	Brown	Williams	2500
4840	Hebern	Williams	7100
4841	Foster	Allen	3000
4842	Pinkle	Owner	3000
4843	Morrison	Owner	3000
4844	Francis	Owner	3600
4845	Leonard	Owner	4000
4846	Swift	Owner	13000
4847	Dunn	Monroe	4500
4848	Cunha	Hudson	3950
4849	Holt	California	8000
4850	Howe	Sigwald	2900
4851	McCoy	Mattison	6500
4852	Goesch	Owner	3500
4853	Hayes	Wielen	7900
4854	Johnson	Simmons	2700
4855	Ivory	Owner	2000
4856	Andi	Petersen	2000
4857	Nolan	Coborn	1500
4858	Betz	Owner	2500
4859	Hebard	Anderson	4700
4860	Rhea	Owner	6000
4861	Prye	Emory	4000
4862	Detrick	Michel	3000
4863	Burns	Burns	2700
4864	McFarlane	Owner	3000
4865	Blabon	Owner	2500
4866	Blam	Westlund	18874
4867	Hamilton	Knight	15000
4868	Kuhn	Petersen	9447
4869	W. P. Ry	Gonsalves	1429
4870	Osborn	Tornell	7850

DWELLING
(4792) NO. 2545 BENVENUE ST., Berkeley. Two-story 4-room dwelling. Owner—E. N. Ament, Premises. Architect—None.
Contractor—C. Texdahl, 5375 Belgrave Place, Oakland. \$1900

DWELLING
(4793) NO. 1732 SAN PEDRO, Berkeley. One-story 5-room dwlg. Owner—E. W. Cooke, 702 Peralta Ave., Berkeley. Architect—None. \$4000

APARTMENTS
(4794) W COLLEGE AVE 100 S Chabot Rd., Oakland. 3 story 20-room apartments. Owner—F. T. Gray, 353 Grand Ave. Okd. Architect—None. Contractor—John Vaughn, Okd. \$25,000

DWELLING
(4795) N CALIFORNIA 330 W Maple, Oakland. 1-story 5-room dwelling. Owner—F. W. Brookes, 3456 Fruitvale Ave., Oakland. Architect—None. Contractor—P. Bushman, Okd. \$3500

DWELLING
(4796) N E COR CALIFORNIA AND Maple, Oakland. 1-story 6-room dwelling. Owner—L. Zwaal, 3089 Hopkins St. Okd. Architect—None. \$3500

DWELLING
(4797) E-EIGHTY-SIXTH AVE. 110 S D St., Oakland. 1-story 4-room dwelling. Owner—W. J. Hanner, 1801 102nd Ave., Oakland. Architect—None. \$2000

ADDITION
(4798) N E COR FORTY-SIXTH AND Adeline St., Oakland. Addition. Owner—Golden Sheaf-Remar Co., 464 Adeline St., Oakland. \$1000

DWELLING
(4799) S E COR FOURTH AVE AND E-16th St., Oakland. 2-story 6-room dwelling. Owner—James Ure, 1542 4th Ave., Okd. Architect—None. Contractor—Oscar Nelson, 317 E-15th St., Oakland. \$5200

DWELLING
(4800) W FOURTEENTH AVE 75 S E-23rd St., Oakland. 1-story 4-room dwelling. Owner—Edwin W. Bahl, 2435 E-21th St., Oakland. Architect—None. \$2500

DWELLING
(4801) N GEORGIA ST. 200 E Laurel Ave., Oakland. 1-story 6-room dwlg. Owner—W. Medge, 3228 Dakota St., Oakland. Architect—None. \$3000

DWELLING
(4802) E HUMBOLDT 112 S Lynde, Oakland. 1-story 4-room dwlg. Owner—Wm. F. Neary, 536 17th St., Oakland. Architect—None. Contractor—L. A. Peters, Oakland \$2200

DWLG & STORE
(4803) 1595 HUNTINGTON, Oakland 1-story 3-room dwelling & store. Owner—A. McGarner, 3523 Foothill Blvd., Oakland. Architect—None. \$1900

ADDITION
(4804) 3836 HOWE ST., Oakland Addition. Owner—John Toby, premises. Architect—None. Contractor—J. F. Shrader, 2004 Telegraph Ave., Oakland. \$1800

DWELLINGS
(4805) S W COR MITCHELL & E-22nd Sts., Oakland. 1-story y5-rm. dwlg. Owner A. L. Ford, 2137 Mitchell St., Oakland. Architect—None. Contractor—C. D. Wilson, 2215 Mitchell St., Oakland. \$3000

DWELLING
(4806) S PENNIMAN 150 W High St., Oakland. 1-story 5-room dwelling. Owner—Chas. Jorgensen, 1145 Penniman Ave., Oakland. Architect—None. Contractor—Neergard & Andersen, 2536 Scenic Ave., Oakland. \$3500

DWELLING
(4807) E RHODA AVE 414 N Carmel, Oakland. 1-story 3-room dwelling. Owner—W. Lake, 505 Clay St., Oakland. Architect—None. \$1900

DWELLING
(4808) W ROCKWELL 50 N Florio, Oakland. 2-story 6-room dwelling. Owner—J. A. Marshall, 6320 Florio St., Oakland. Architect—None. \$5000

DWELLING
(4809) W SANTA RAY 150 N Santa Ray, Oakland. 2-story 8-room dwlg. Owner—R. C. Pellaton, 306 14th St. Okd. Architect—None. \$6500

DWELLING
(4810) E SEVENTY-SEVENTH AVE. N Hillside, Oakland. 1-story 5-room dwelling. Owner—F. Baumann, 2000 45th Ave., Oakland. Architect—None. \$3000

DWELLING
(4811) S WALLA VISTA 800 E Lakeshore, 1-story 7-room dwelling. Owner—Capt. Chester Prouty, Oakland. Architect—None. Contractor—J. D. Wieslander, 4102 Gilbert St., Oakland. \$6000

DWELLING
(4812) PTN. LOT 79 & 80 BLK D MAP Lakeshore Hills, Oakland. 2-story frame dwelling. Owner—Eleanor & Harold Phillips, 491 58th St., Oakland. Architect—None

Contractor—Chester A. Gossett, 327 Davis St., Oakland.
Filed Nov. 3, 1922. Dated Nov. 3, 1922
Frame up 1
Brown coated 1
Completed and accepted 1
Usual 35 days 1

TOTAL COST, \$5000
Bond, \$3000; Smith's, C. W. Lannon and George Kaiser; Forfeited, none; Limit, 120 days. Plans and specifications filed.

DWELLING
NO. 1015 MARIPOSA ST., Berkeley. Two-story 6-room dwelling. Owner—M. Myrtle Riehm, 719 The Alameda, Berkeley. Architect—None. Contractor—Thomas W. Price, 1625 Tacoma Ave., Berkeley. \$7000
NOTE—Recorded contract reported Nov. 21, 1922. No. 4789

DWELLING
(4813) NE CAVOUR AND BOYD AVE., Oakland. One-story 5-room dwlg. Owner—C. Varni, 408 Cavour St., Okd. Architect—None. Contractor—E. Campomen, 5228 Lawton Ave., Oakland. \$3250

DWELLING
(4814) NO. 5291 CALAVERAS AVE., Oakland. One-story 4-room dwlg. Owner—Marie Vaughan. Architect—None. Contractor—F. E. Vaughan. \$1500

ALTERATIONS
(4815) NO. 3339-41 TELEGRAPH AVE., Oakland. Alterations and garage. Owner—J. H. Muddintz, 1501 Woolsey St., Berkeley. Architect—None. Contractor—Klein & Elstrom, 693 38th St., Oakland. \$2100

DWELLING
(4816) E JEAN, 500 W Grand Ave., Oakland. One and one-half-story apartment house. Owner—Brom & Swenson, 1135 Grand Ave., Oakland. Architect—None. Contractor—Harry Reim. \$4500

DWELLING
(4817) N MONTANA 200 E Laurel, Oakland. One-story 4-room dwelling. Owner—N. Lukna, 142 E. 14th St., Oakland. Architect—None. Contractor—A. Anderson, 3027 Florida St., Oakland. \$2500

DWELLING
(4818) S FIFTY-SIXTH 110 E Shattuck Ave., Oakland. One-story 4-room dwelling. Owner—C. A. Lewis, 600 56th St., Okd. Architect—None. \$2500

DWELLING
(4819) W SIXTIETH AVE 160 S Fortune Way, Oakd. Ok. One-story 5-room dwelling. Owner—Hill & Walters, 1600 High St., Oakland. Architect—None. \$3000

APARTMENTS
(4820) N FIFTY-FIFTH 50 E Desmond 308110, Oakland. All work for four-room apartments and garages. Owner—Waldo E. and Etta A. Smith, 5113 Broadway, Oakland. Architect—None. Contractor—Harry C. Knight, 288 12th St., Oakland. Filed Nov. 4, '22. Dated Nov. 3, '22

Frame up 1
Batters in place 1
Brown coated 1
Completed and accepted 1
Usual 35 days 1
TOTAL COST, \$14,500
Bond none. Limit, 75 days after mud-sills laid. Forfeited, none. Plans and specifications, none

APARTMENTS

(4821) N E DESMOND & FIFTY-FIRST
50x110, Oakland. All work for
four four-room apartments and gar-
ages.
Owner—Waldo E. and Edith A. Smith,
5113 Broadway, Oakland.

Architect—None.
Contractor—Harry C. Knight, 388 12th
St., Oakland.

Filed Nov. 4, '22. Dated Nov. 3, '22.
Rabbers in place 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$14,500

Bond, none. Limit, 75 days after mud-
sills laid. Forfeit, none. Plans and
specifications, none.

APARTMENTS

(4822) E DESMOND 110 N Fifty-first
65x100, Oakland. All work for 4
four-room apartments and garages.
Owner—Waldo E. and Edith A. Smith,
5113 Broadway, Oakland.

Architect—None.
Contractor—Harry C. Knight, 388 12th
St., Oakland.

Filed Nov. 4, '22. Dated Nov. 3, '22.
Rabbers in place 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$14,500

Bond, none. Limit, 75 days after mud-
sills laid. Forfeit, none. Plans and
specifications, none.

SCHOOL

NE LAKEHORE BLVD. AND PROS-
pect, Oakland. Three-story con-
crete convent and school.

Owner—Roman Catholic Archbishop of
San Francisco.
Architect—Geo. McCreag, 369 Pine St.,
San Francisco.

Contractor—W. G. McGinty & Sons
Federal Bldg., Oakland, \$76,555
NOTE—Recorded contract reported
Nov. 1, 1922, No. 4754.

ALTERATIONS

(4823) NO. 2014 ASHBY AVE., Ber-
keley. Alterations.
Owner—H. E. Chandler
Architect—None.
Contractor—F. A. Einsberger, 2449
Dwight, Berkeley, \$1000

DWELLING

(4824) NO. 1826 PRINCE, Berkeley.
One-story 5-room dwelling.
Owner—R. B. Church, 2123 Parker St.,
Berkeley
Contractor—Harry Ahnfeldt, 21,
Parker St., Berkeley, \$3200

DWELLINGS

(4825) W AUSTIN AVE 254, 293, 332
and 372 N Birch, Oakland. Four
one-story 5-room dwellings.
Owner—L. Hanson, 1915 48th Ave., Okd.
Architect—None.
Contractor—A. J. Anderson, 3675 Lily
St., Oakland, \$5500 each

APARTMENTS

(4826) S CRONTON 10 E Piedmont,
Oakland. Two-story 16-room apart-
ments and garage.
Owner—B. E. Scott, 11 Yosemite Ave.,
Oakland.
Architect—None.
Contractor—S. T. Walker, 3231 Boston
Ave., Oakland, \$14,000

APARTMENTS

(4827) E CLIFTON 496 S Hampel, Oak-
land. Two-story 16-room apart-
ments.
Owner—M. A. Wallin.
Architect—None.
Contractor—California Builders, 1534
Franklin St., Oakland, \$12,000

DWELLING

(4828) E LOMA VISTA 270 S Wilson-
son, Oakland. One-story 5-room
dwelling.
Owner—G. L. Boeding, El Cerrito, Cal.
Architect—None \$2000

DWELLING

(4829) W FOURTEENTH AVE 45 N
E-18th, Oakland. One-story 7-room
dwelling.
Owner—Mary Angello, 317 Estudillo
Ave., Oakland.
Architect—None. \$4250

STORES

(4830) S FOURTEENTH 99 W Jeffer-
son, Oakland. One-story brick
stores.
Owner—Eastern Outfitting Co., 581 14th
St., Oakland.
Architect—None.
Contractor—Wm. Knowles, Central Bk.
Bldg., Oakland, \$26,000

ALTERATIONS

(4831) NO. 4560 E-FOURTEENTH ST.
Oakland. Alterations and additions
Owner—L. Megias, Premises.
Architect—None.
Contractor—W. J. Woods, 4620 E-14th
St., Oakland, \$6500

ALTERATIONS

(4832) NE SEVENTH AVE AND E-
Sixteenth, Oakland. Alterations.
Owner—R. Wall.
Architect—None.
Contractor—G. W. Steffens, 1941 Cros-
by St., Oakland, \$2000

DWELLING

(4833) W SEVENTY-SEVENTH AVE
125 S Hawley, Oakland. One-story
3-room dwelling.
Owner—Helen M. Ingram, 3056 Lynde
St., Oakland.
Architect—None.
Contractor—C. B. Ingram, 3056 Lynde
St., Oakland, \$1500

DWELLING

(4834) E SEVENTY-SIXTH AVE 125
S Hawley, Oakland. One-story 3-
room dwelling.
Owner—Helen M. Ingram, 3056 Lynde
St., Oakland.
Architect—None.
Contractor—C. B. Ingram, 3056 Lynde
St., Oakland, \$1500

ALTERATIONS

(4835) NO. 550 TWENTY-THIRD ST.,
Oakland. Alterations
Owner—M. C. Chapman, Oakland Bk.
Bldg., Oakland.
Architect—None.
Contractor—E. F. Sanctuary, 1070 65th
St., Oakland, \$1700

APARTMENTS

(4836) S THIRTIETH 390 W Tele-
graph Ave., Oakland. Two-story
16-room apartments and garage.
Owner—H. E. Lannarz.
Architect—None.
Contractor—California Builders, 1534
Franklin St., Oakland, \$13,500

APARTMENTS

(4837) N TWENTY-NINTH 360 W
Telegraph Ave., Oakland. Two-
story 16-room apartments and gar-
age.
Owner—C. Deuble.
Architect—None.
Contractor—California Builders, 1534
Franklin St., Oakland, \$13,500

APTS & GAR

(4838) N TWENTY-NINTH ST. 405 W
Telegraph, Oakland. 2-story 16-rm.
apts and garage.
Owner—B. S. Huntington, 1534 Frank-
lin St., Oakland.
Architect—None.
Contractor—California Builders, 1534
Franklin St., Okd., \$13,500

ALTERATIONS

(4839) 608 TWENTY-SECOND ST.,
Oakland Alterations.
Owner—W. Brown, 3461 Telegraph, Okd
Architect—None
Contractor—Geo. A. Williams, 306 12th
St., Oakland, \$2500

FACTORY

(4840) LOTS 14 to 23 inclusive Blg. 56
Kellersberger's Map of Oakland,
Oakland. All work for structural
steel for conc. factory.
Owner—Hebern Elec. Code Inc., Bank
of Italy Bldg., Oakland.

Architect—Reed & Corlett, Oakland Bk.
of Svcs. Bldg., Oakland.

Contractor—J. G. Williams (J. G. Wil-
liams Const. Co.) S. F.
Filed Nov. 6, 1922. Dated Oct. 31, 1922.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, \$7400

Bond, \$3700. Sureties, Union Indemnity
Co.; Forfeit, none; Limit, 30 days; Plans
and specifications filed.

DWELLING

(4841) LOCATION NOT GIVEN, Ber-
keley. All work for two-story
dwelling.

Owner—E. Ronald Foster.
Architect—E. Geoffrey Bangs, 1st Nat'l
Bank Bldg., San Francisco.

Contractor—C. A. Allen and Ben D.
Conrad (Allen & Conrad), 351 12th
St., Oakland.

Filed Nov. 4, '22. Dated Oct. 31, '22.
Frame up 1/4
Plastered 1/4
Completed 1/4
Usual 35 days 1/4
TOTAL COST, \$9085

Bond, \$4542.50. Surety, Globe Indem-
nity Co. Limit, Feb. 15, 1923. Forfeit,
none. Plans and specifications filed.

DWELLING

(4842) NO. 705 ESENADA ST., Ber-
keley. One-story 5-room dwelling.
Owner—D. H. Finkle, 1345 Ward St.,
Berkeley.
Architect—None. \$3000

DWELLING

(4843) NO. 801 PERALTA ST., Berkeley
One-story 5-room dwelling.
Owner—G. K. Morrison, 3423 Webster
St., Oakland.
Architect—None. \$3000

DWELLINGS

(4844) W AUSTIN 45 and 86 N
Foothill Blvd., Oakland. Two
one-story 4-room dwellings.
Owner—E. O. Francis, 3940 E-14th St.,
Oakland.
Architect—None. \$18000 each

DWELLING

(4845) W BROOKWORTH 50 S
Stratford, Oakland. One-story 6-
room dwelling.
Owner—E. B. Leonard, 589 Kenmore
Ave., Oakland.
Architect—None. \$4000

FLATS

(4846) S BIRCH COURT 400 E Col-
lege Ave., Oakland. Two-story
16-room flats.
Owner—J. W. Swift, 5460 Shafter Ave.,
Oakland.
Architect—None. \$13,000

DWELLING

(4847) SW EVERETT AND HAMPEL
Oakland. One-story 5-room dwlg.
Owner—Mrs. R. Dunn, 1828 El Centra,
Oakland.
Architect—None.
Contractor—J. W. Monroe, 5538 Clare-
mont Ave., Oakland, \$1500

DWELLING

(4848) W EVERETT AVE 320 N E-
38th St., Oakland. One-story 5-
room dwelling.
Owner—A. C. Cunha, 3839 Everett
Ave., Oakland.
Architect—None.
Contractor—L. G. Hudson, 1771 Evers
Ave., Oakland, \$3950

DWELLING
(4849) NE FOOTHILL BLVD AND
Rosedale, Oakland. One-story 7-
room dwelling and store.
Owner—J. L. Holt.
Architect—None.
Contractor—California Builders Co.,
1534 Franklin St., Oakland. \$8000

DWELLING
(4850) E HUMBOLDT AVE 116 S
Deering, Oakland. One-story five-
room dwelling.
Owner—Beatrice S. Howe, 3240 E-
11th St., Oakland.
Architect—None.
Contractor—J. W. Sigwald, 3927 Agua
Vista Ave., Oakland. \$2900

DWELLING
(4851) NW LINCOLN AVE AND
Hopkins, Oakland. One-story 7-
room 3-family dwelling.
Owner—Mary E. McCoy.
Architect—None.
Contractor—E. T. Mattison, 3629 La-
guna Ave., Oakland. \$6500

DWELLING
(4852) E RHODA AVE 460 N Hop-
kins, Oakland. One-story 5-room
dwelling.
Owner—T. Goesch, 1264 Turk St., San
Francisco.
Architect—None. \$3500

DWELLING
(4853) S ROSEMOUNT ROAD 200 W
North Yale Road, Oakland. Two-
story 3-room dwelling.
Owner—Margaret Hayes, 816 32nd St.,
Oakland.
Architect—None.
Contractor—Alex Y. Wieben, 839
Rosemount Road, Okd. \$7900

DWELLING
(4854) S STANLEY ROAD 200 W
Wise, Oakland. One-story 5-room
dwelling.
Owner—E. M. Johnson, 9980 Stearns
Ave., Oakland.
Architect—None.
Contractor—G. C. Simmons. \$2700

DWELLING
(4855) E SEMINARY AVE 240 S
Camden, Oakland. One-story 4-
room dwelling.
Owner—C. G. Ivory, 3024 Seminary
Ave., Oakland.
Architect—None. \$2000

DWELLING
(4856) E SIXTY-FIRST 300 N E-15th
Oakland. One-story 3-room dwlg.
Owner—J. Andl, 3567 Custer St., Okd.
Architect—None.
Contractor—Chas. Petersen, 1200 E-
24th St., Oakland. \$2000

REPAIRS
(4857) NO. 4425 VIEW ST., Oakland.
Fire repairs.
Owner—J. T. Seelan.
Architect—None.
Contractor—Chas. Coborn, 180 Jessie
St., San Francisco. \$1500

DWELLING
(4858) NO. 1815 ACTON ST., Berkeley
One-story 5-room dwelling.
Owner—C. G. Betz, 1536 Delaware St.,
Berkeley.
Architect—None. \$2500

DWELLING
(4859) NO. 1137 MARIFOS, ST., Ber-
keley. One-story 5-room dwlg.
Owner—K. M. Hebard.
Architect—None.
Contractor—A. Frederick Anderson,
2800 Delaware St., Oakland. \$4700

DWELLING
(4860) N ALMA, Lakeshore High-
lands, Oakland. One and one-half
story 5-room dwelling.

Owner—Jas. J. Rhea, 9th and Oak Sts.
Oakland.
Architect—None. \$6000

WAREHOUSE
(4861) W CLEMENT 150 N 45th Ave.,
Oakland. Two-story warehouse.
Owner—A. K. Frye, 5 Southern Pacific
Co.
Architect—None.
Contractor—O. J. Emory, Alvarado.
\$4000

STATION
(4862) SW E-FOURTEENTH AND
90th Ave., Oakland. One-story
steel service station.
Owner—Karl A. Dietrick, 706 36th
Ave., Oakland.
Architect—None.
Contractor—Michel & Pfeiffer Iron
Works, 1415 Harrison St., San
Francisco. \$3000

DWELLING
(4863) E FIFTY-FOURTH AVE 70 S
Crittenden, Oakland. One-story 4-
room dwelling.
Owner—Catherine Burns, 24 Wood-
ward Ave., San Francisco.
Architect—None.
Contractor—Philip Burns. \$2700

DWELLING
(4864) E SIXTY-EIGHTH AVE 80 N
E-11th St., Oakland. One-story 5-
room dwelling.
Owner—C. E. McFarlane, 1406 68th
Ave., Oakland.
Architect—None. \$3000

DWELLING
(4865) W SIXTY-THIRD AVE 200 N
Avalon, Oakland. One-story 4-
room dwelling.
Owner—E. R. Blabon, 2482 63rd Ave.,
Oakland.
Architect—None. \$2500

DWELLING
(4866) NW ASHMOUNT AVE AND
Mandana, Oakland. All work for
two-story dwelling.
Owner—James F. Blum, 666 Mandana
Ave., Oakland.
Architect—Claude B. Barton, 361
Staten St., Oakland.
Contractor—Fred Westlund, 351 12th
St., Oakland.
Filed Nov. 8, '22. Dated Nov. 6, '22
Roof sheathed 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$18,874
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

APARTMENTS
(4867) LOT 16, Batchelder Tract,
Oakland. All work for four four-
room apartments and garages.
Owner—Clarissa F. Hamilton (widow)
Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th
St., Oakland.
Filed Nov. 8, '22. Dated Nov. 8, '22.
Roof on 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$15,000
Bond, none. Limit, 75 days after mud-
sills laid. Forfeit, plans and speci-
fications, none.

GARAGE
(4868) S HOPKINS 330 W Fruitvale
Ave S 279-9 from pt beg S 100 W
79 N to pt 196 from pt beg E 196,
Oakland. All work for one-story
brick garage.
Owner—Harry Kuhn and Caesar So-
brero, 3641 Dimond St., Oakland.
Architect—None.
Contractor—Alfred Peterson, 3918 Lin-
wood Ave., Oakland.
Filed Nov. 8, '22. Dated Nov. 6, '22.
Walls 8' high \$1889.40
Walls pushed \$1889.40

Roof on 1889.40
Completed 1889.40
Usual 35 days 1889.40
TOTAL COST, \$3147.00
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

SEWER
(4869) JACKSON ST., Hayward. All
work for reinforced concrete
drainage sewer.
Owner—Western Pacific Railway Co.
Architect—None.
Contractor—Gonsalves & Willison
Hayward.
Filed Nov. 6, '22. Dated Oct. 26, '22.
Forms in place \$479.35
Completed and accepted 479.96
Usual 35 days 479.98
TOTAL COST, \$1439.90
Bond, \$720. Sureties, Frank E.
Perceira and F. H. Meyer, Limit, 45
days. Forfeit, none. Plans and speci-
fications filed.

(4870) LOCATION NOT GIVEN, Ber-
keley. All work for two-story
dwelling.
Owner—Edgar L. Osborn, 477 North
St., Oakland.
Architect—Francis Harvey Schoombe
and Ephraim Field, Oakland Bank
Bldg., Oakland.
Contractor—C. A. Tonnell & Son, 351
12th St., Oakland.
Filed Nov. 8, '22. Dated Oct. 19, '22.
Roof on 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$7850
Bond, \$2925. Surety, Globe Indemnity
Co. Limit, 120 days. Forfeit, none.
Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded	Accepted
Nov. 2, 1922—SE Sixth and Uni- versity Ave., Berkeley. The Ber- keley Dispensary by James W Plachek to H P Nelson. Nov. 3, 1922	
Nov. 2, 1922—LOT 22 BLK 5, Clare- mont, Berkeley. Maud R Detrick to E T Henderson. Oct. 21, 1922	
Nov. 3, 1922—LOT 18 BLK "E" Lake- shore Hills, Oakland. C W Brown to Chester A Gossett. Nov. 1, 1922	
Nov. 3, 1922—E HAILEY AVE 300 S Hopkins S 69-29 E 136-85 N 79 W 136-50, Oakland. M Alvera Miller to whom it may concern. Nov. 1, 1922	
Nov. 3, 1922—SE PERALTA AVE 130-29 SW Brookdale Ave SW 90 SW 45-16 NW 90 NW 45, Oakland. August and Mary Vlerick to whom it may concern. Oct. 31, 1922	
Nov. 3, 1922—N TWENTY-THIRD 180 W Telegraph Ave. 45x100, Oakland. Leo A and Leila B De Mers to John Vaughan. Oct. 31, 1922	
Nov. 4, 1922—SE SUMMIT AVE 662-4 NE Linda Ave NE 40 SE 100 SW 20 SE 10 SW 20 NW 110, Piedmont Gertrude Gee Knox to Ben F Kopf Nov. 4, 1922	
Nov. 4, 1922—LOT 9 BLK 3, Map Thousand Oaks, .. Carl Eric- son to whom it may concern. Nov. 3, 1922	
Nov. 4, 1922—S JEAN 400 W Grand Ave being No. 701, Oakland. John Swanson and Harry Deon to whom it may concern. Nov. 4, 1922	
Nov. 4, 1922—S VIRGINIA 40 E Cali- fornia E 80xS 95, Berkeley. W J Morrison to Jordan & Zelle. Nov. 4, 1922	
Nov. 4, 1922—LOT 12 BLK 13 Lake- shore Highlands, Oakland. Edward Lawler to S G Rankin. Oct. 20, 1922	
Nov. 4, 1922—LOT 21 BLK 9, Lake- shore Highlands, Oakland. Wm H Hackett to Alex C Wieben. Nov. 4, 1922	
Nov. 4, 1922—LOTS 33 AND 34 BLK 4 Regents Park No. 6, Albany. Mary Porter to whom it may con- cern. Oct. 30, 1922	

Nov. 8, 1922—SE MONTECITO AVE 177.25 SW Park View Terrace SW 52.25 S E 163.96, Oakland. The Oakland Club to Alfred Olsen.....Nov. 5, 1922

Nov. 8, 1922—NW ASHBY AND Claremont Aves, Berkeley. Margaret L Blair to Sommarstrom Bros.....Nov. 8, 1922

Nov. 8, 1922—LOT 34 BLK "I" Northbrae Terrace, Bkly. Brooks Parker to whom it may concern.....Nov. 4, 1922

Nov. 8, 1922—U. C. GROUNDS, Berkeley. Regents of U. C. to Clinton Constr. Co.....Oct. 20, 1922

Nov. 8, 1922—LOT 2 BLK "B" Plot Mount Ararat, ———, Arthur W and Hedwig T Wilding to whom it may concern.....Nov. 6, 1922

Nov. 8, 1922—N BERKELEY WAY 112.50 E California 37.50X125, Berkeley. P E Marquis to whom it may concern.....Nov. 3, 1922

Nov. 8, 1922—NO. 3515 PORTER ST., Oakland. Peter Bonicelli to Wm L Howell to whom it may concern.....Nov. 8, 1922

Nov. 8, 1922—N TWENTY-NINTH 76.25 W Webster W 72XN 100, Oakland. Enterprise Hall Assn. to R Clarence Ogden.....Nov. 2, 1922

Nov. 8, 1922—NE EIGHTH AND Linden 60X120, Oakland. Frank Caracciola to California Builders Co.....Nov. 4, 1922

Nov. 8, 1922—LOT 5 BLK 33, Lakeside Bldv'n Adams Point Ppty., Oakland. Geo T and Hester A Sagehorn to F A Muller.....Oct. 24, '22

Nov. 6, 1922—E MONTE CRESTA being Lot 16 Map Kelton Court Terrace, Oakland. Nettie Fife to W S Bigelow.....Nov. 1, 1922

Nov. 6, 1922—NO. 220 GRAND AVE, Oakland. W L Mittek to Frank M Clausen.....Oct. 4, 1922

Nov. 6, 1922—W HELEN 100 S "B" S 50xW 133, Oakland. Antone Lema and Gussie Carvalho to Theo Bruck.....Nov. 4, 1922

Nov. 6, 1922—LOT 20 BLK "B", Central Terrace Tract, Oakland. Karl S Fredrickson to whom it may concern.....Oct. 31, 1922

Nov. 6, 1922—E THIRTY-SIXTH Ave 271 N E-Fourteenth N 30XE 98, Oakland. Charles F and Bertha Streoper to whom it may concern.....Nov. 3, 1922

Nov. 6, 1922—S FOOTHILL BLVD 175 E 41st Ave., Oakland. Mrs. P Candioto to H J Burns.....Nov. 3, 1922

Nov. 8, 1922—E MARKET 481 S First S 200XE 100, Oakland. Pacific Gas & Electric Co to Duncan Harrelson Co.....Oct. 27, 1922

Nov. 9, 1922—NO. 2424 PARK BLVD., Oakland. Mrs. Amalie Scholz to E C Sydes.....Nov. 7, 1922

Nov. 9, 1922—SE 62½ Lot 22 Bk "H" Fourth Avenue Terrace, Oakland. William J Baker to whom it may concern.....Nov. 9, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
Nov. 6, 1922—LOT 1 BLK "F" Map East Piedmont Heights, Oakland. Robert E Lee vs James Allan and C J and Anita I Board.....	\$51.30
Nov. 11, 1922—LOT 5 BLK 2, Thorpe and Oaks Station Tract, Berkeley. Strable Hardwood Co vs Herbert Hansen (as Herbert Hansen Floor Co) and R. Jeans and Walter Livingston.....	\$64.6
Nov. 8, 1922—E NINTH AVE 33-33 N E-Twenty-second N 33.34XE 100, Oakland. Strable Hardwood Co vs Herbert Hansen & D D Banta.....	\$60.30

Nov. 8, 1922—LOTS 12 AND 13 BLK "G" Map Broadway Terrace, Oakland. Strable Hardwood Co vs Herbert Hansen and D J Pfrang & W G Mitchell.....\$88

Nov. 8, 1922—LOT 92 Higgins Trct, Berkeley. Strable Hansen Co vs Herbert Hansen, Paul Duval and H Seipp.....\$47.91

Nov. 8, 1922—N SIXTIETH 78 W Canning, Oakland. E P Tenney vs L A Sullivan and E Hinch.....\$147.95

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded	Amount
Nov. 3, 1922—LOT 13 BLK 6, Map Higgins Trct, Berkeley. Rhodes-Jamieson Co to M P Graves.....	\$53.89
Nov. 9, 1922—LOT 3 BLK "L" Map East Piedmont Heights, Oakland. Dominick Montano & Co to Henry J Chavez et al.....	\$915

Notice of Non-Responsibility

ALAMEDA COUNTY

Nov. 6, 1922—E TWENTY-FOURTH Ave 80 N E-12th N 70XE 150, Oakland. Cora Jaeger Schimmel as to improvements on property.....

BUILDING CONTRACTS FILED

The following contracts were recorded on yesterday and full particulars will be given tomorrow.

Jan. E. Blum, owner with Gred Westlund, contractor. Two-story b'wg on NW Ashmont Ave. and Manadana, Oakland, \$18,874.

C. F. Hamilton, owner with H. C. Knight, contractor. Four four-room apartments on Lot 16 Bachelder Tract, Oakland, \$15,000.

Harry Kuhn and C. Sobero, owner with Alfred Peterson, contractor. One story brick garage on S Hopkins 330 W. Fruitvale, Oakland, \$9447.

Edgar L. Osborn, owner with C. A. Torneil & Son, contractor. Two-story dwelling in Berkeley, \$7850.

W. P. Ry. Co. with Gonzales & Willison, contractor. Reinforced concrete drainage system in Jackson St., Hayward, \$1439.90.

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE, \$9000; Howard Ave., Lots 1 and 2 Bk 1, Burlingame; owner, Mrs. Franklin.

BUNGALOW, frame and garage, \$3000; Capuchino Ave., Lot 22 Bk 4, Easton Addition No. 1, Burlingame owner, Geo. Kerner; contractor, J. F. Stalling.

BUNGALOW, frame and garage, \$4000; Bernal Ave., Lot 26 Bk 46, Easton Addition No. 4, Burlingame; Owner, F. H. Boring, 514 Santa Inez St., San Mateo.

BUNGALOW, frame and garage, \$4000; Balboa Ave., Lot 9 Bk 24, Easton No. 2, Burlingame; owner, G. Bruns 384 Dolores St., San Francisco.

DWELLING, one-story \$7000; Crescent Ave., San Mateo Park; owner, F. H. Boring, 514 Santa Inez St., San Mateo; contractor, F. H. Boring, 514 Santa Inez St., San Mateo.

DWELLING, one-story frame, \$2800; Third Ave. Easton Addition to San Mateo; owner, J. E. Sequira; contractor, M. Matulich.

APARTMENTS, one-story, \$8000; Ellsworth and Santa Inez Ave., San Mateo; owner, Philip Yager; architect, C. A. McClure; contractor, Philip Yager.

BUNGALOW, one-story stucco and garage, \$6100; Lot 11 Bk "C" Belle Vue 1, San Mateo Heights; owner, E. K. Coffabury; contractor, R. C. Stickle.

BUNGALOW, one-story 5-room, \$5000; 16th Ave and Highway, Hayward Park, San Mateo; owner, S. A. Born, — Glazenwood St., San Mateo; contractor, S. A. Born.

BUNGALOW, frame, \$6000; Drake Ave Lot 5 Bk 34, Easton No. 2, Burlingame; owner, Mr. Eddy; contractor, W. Rutherfordale.

BUNGALOW, frame and garage, \$5000; Drake Ave., Lot 37 Bk 3, Easton No. 2, Burlingame; owner, Beulah S. Davis.

BUNGALOW, frame and garage, \$4000; Bernal Ave., Lot 16 Bk 36, Easton No. 2, Burlingame; owner, Thos. E. Daley.

BUNGALOW, one-story frame and garage, \$4800; Cortez Ave. Lots 15 & 16 Bk 41, Easton No. 3, Burlingame; owner, August Berg, 45 Midfield, Burlingame; contractor, — Zwick.

APARTMENTS, one-story frame (4) and garages, \$8000; Capuchino Ave., Lot 5 Bk 15, Easton No. 4, Burlingame; owner, O. C. Jordan.

BUNGALOW, frame and garage, \$5000; Drake Ave. Lot 21 Bk 47, Easton No. 4, Burlingame; owner, H. Browne.

BUNGALOW, frame and garage, \$5500; Balboa Ave., Lot 4 Bk 25, Easton No. 2, Burlingame; owner, W. A. Mullin or Miller, 27 Alta St., San Francisco; contractor, Henry L. Meyer.

ADDITION to residence, \$3000; No. 1458 Drake Ave., bet. Hillside and Adeline Drives, Burlingame; owner, Frank Lewis.

BUNGALOW, frame and garage, \$4000; Lot 17 Bk 8, Burlingame Park No. 2, Burlingame, Ave., Burlingame; Owner, Hilda A. Scott; contractor, W. L. Scott, 1652 Barriolhet Ave., Burlingame.

RESIDENCE, \$3000; Baywater Ave., Burlingame; owner, Mrs. J. Day, 810 Baywater Ave., Burlingame.

HALL BUILDING, alter brick, \$11,000; Main St. near Broadway, Redwood City; owner, Masonic Hall Assn., Redwood City; contractor, Ben Zimmerman, 797 Arguello Ave., Redwood City.

DWELLING, 1-story 5-room frame, \$2000; Laurel St. Lot 4 Block 19; owner, Frank Gonzales, Redwood City.

ADDITION to garage for dwelling, 2 room, frame, \$1400; Sampson St. Lot 2, Block 9 Subd. Mezesville, Redwood City; owner, J. Sandles, Redwood City.

DWELLING, one-story 5-room frame, \$5000; Grand St. Lot 12, Bk 24 Redwood Highlands, Redwood City; owner—Mrs. Fannie Curtis; contractor, J. W. Rutherfordale, Hotel Sequoia, Redwood City.

DWELLING, frame 4-room, \$850; Jefferson Ave., Redwood City; owner, Davis & Demick.

STORE BLDG. E ¼ Lot 22 Bk 124 South San Francisco. All work for one-story concrete store building.

Owner—R. M. McColligan. Architect—O'Brien Bros., Inc., 240 Montgomery St., San Francisco. Contractor—M. E. Green, 1233 45th Av., San Francisco.

Filed Oct. 28, '22. Dated Oct. 23, '22. Concrete walls to roof line 1586.25 Rough plumbing in & roof on 1586.25 Accepted 1586.25 Usual 35 days..... 1586.25

TOTAL COST, \$6345.00
Bond, \$3172.50. Sureties, J. B. Gould and H. E. West. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

BUILDING
ESTATE OF WM. BAUM near Redwood City. All work except tile roof, lighting fixtures and finish hardware for one-story building known as the Farm Group of Tilioti Estate.

Owner—Wm. Baum.
Designer—C. A. Dailey.
Contractor—Weeden Bros., Menlo Park.
Filed Nov. 1, '22. Dated Oct. 26, '22.
Roof on\$4648
Brown coated 1648
Completed 4648
Usual 35 days.....
TOTAL COST, \$18,592

Bond, \$9206. Surety, Actina Co. Limit, 80 working days from Oct. 26, 1922. Forfeit, none. Plans and specifications filed.

RESIDENCE, \$6000; Lot 14 Blk 10, Burlingame Land Co. on Bellevue Ave., Burlingame; owner, C. Halling, Burlingame.

RESIDENCE, \$3500; Laguna Ave. Lot 7 Blk 15, Burlingame Grove; owner, E. M. Lane.

RESIDENCE, \$8000; Blk. 4 Sub 2, Burlingame Park on Ralston Ave., Burlingame; owner, Thos. Leonard.

MOVING SCHOOLS
BLOCK BOUNDED BY SAN JUAN, San Antonio, San Anselmo & Santa Helena Aves., Lomita Park. All work for moving two school buildings.

Owner—Milbrae School District.
Architect—Alfred Kuhn and Thos. M. Edwards, 833 Market St., San Francisco.

Contractor—Prosper Bau, San Bruno.
Filed Oct. 31, '22. Dated Oct. 13, '22.
Completed\$1090
Usual 35 days..... 350
TOTAL COST, \$1350

2 Bonds, \$675. Surety, New Amsterdam Casualty Co. Limit 15 working days. Forfeit, \$5. Plans and specifications filed.

BUNGALOW
PART LOT 153, Crescent Ave., San Mateo Park, San Mateo. All work for one-story bungalow and double garage.

Owner—Township Hall.
Architect—None.
Contractor—Mitchell-Jackson, Inc., 170 Second St., San Mateo.

Filed Oct. 27, '22. Dated Oct. 24, '22.
Foundation in lumber on job, \$1743.75
Roofed 1743.75
Completed 1743.75
Usual 35 days..... 2325
TOTAL COST, \$9300.00

Bond, none. Limit, 85 working days. Forfeit, \$35.00. Plans and specifications filed.

PAINTING CHURCH
SE BALDWIN AVE AND EL CAMINO Real (Parish House), San Mateo. All work for painting and finishing The Church of St. Mathew, San Mateo.

Owner—The Church of St. Mathew, San Mateo.
Architect—Howard & White, Lick Bldg. San Francisco.

Contractor—A. Moklofsky, 320 Mt. Diablo St., San Mateo.
Filed Oct. 31, '22. Dated Oct. 23, '22.
Two coats\$700.00
Completed 711.50
Usual 35 days..... 490.50
TOTAL COST, \$1962.00

Bond, none. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

APARTMENTS
SAN MATEO DRIVE near Florabunda Ave., Burlingame. All work for one-story frame (4) apartments.

Owner—A. Belfrage, 628 Costa Rica St., San Mateo.
Architect—E. L. Norberg, 593 Market St., San Francisco.
Contractor—Burlingame Bldg. Co., 1120 Burlingame Ave., Burlingame.
Filed Oct. 31, '22. Dated Oct. 13, '22.
Roofed\$2750
Brown coated 2750
When completed 2750
Usual 35 days.....
TOTAL COST, \$11,000
Bond, \$5500. Sureties, James J. Keegan and George Lempopoulos. Limit, 80 working days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Nov. 2, 1922—LOT 23 BLK 19, Easton Addition No. 2, Burlingame. Arthur Bevilockway to W O Nicolalde.....Sept. 1, 1922
Nov. 2, 1922—GRAMMAR SCHOOL Hillsborough. Hillsborough School District to C J Lindgren.....Oct. 25, '22

BUILDING CONTRACTS

FRESNO COUNTY

\$5,000 and Over Reported

SHEDS, \$10,000; No. 700 Parallel Ave., Fresno; owner, M. Kellner & Son Lumber Co., Ventura and R Sts., Fresno.

STORE BLDG., \$105,000; No. 1332 J St., Fresno; owner, Hugh Sparkman, 2225 Fresno St., Fresno; contractor, R. F. Felchlin Co., Bank of Italy Bldg., Fresno.

DWELLING, \$5000; No. 3912 Kerkhoff Ave., Fresno; owner, J. E. Rodman, 1125 P St., Fresno; contractor, O. F. Sisler, 749 S-9th St., Fresno.

BRICK warehouse, composition roof, \$15,000; No. 508 H St., Fresno; owner, Madary's Planing Mill, Santa Clara and H Sts., Fresno; contractor, R. F. Felchlin Co., Bank of Italy Bldg., Fresno.

STORE building, four-story, \$20,000; No. 1161 P St., Fresno; owner, J. Malanco, Fresno; contractor, Joe L. Furl, 2206 Webster St., Fresno.

DWELLING, \$5500; No. 4133 Kerkhoff Ave., Fresno; owner, C. L. Saylor, 810 Peralta Way, Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Nov. 2, 1922—LOT 6, Montpeller Trct., Fresno. Blanche I Wirt to whom it may concern.....Oct. 3, 1922
Nov. 4, 1922—LOTS 7 AND 8 BLK 6, Alhambra Tract, Fresno. I F Stoner to whom it may concern.....Nov. 2, 1922
Nov. 4, 1922—LOTS 25 AND 26, McKinley Heights, Fresno. John E

Cooksey to whom it may concern.....Nov. 3, 1922
Nov. 6, 1922—W 45 FT. OF S 2 1/2 FT. OF Lot 7 W 45 ft. Lots 8, 9, and 10, Blk 8, Van Ness Heights, Fresno. Geo C Boles to whom it may concern.....Oct. 17, 1922

LIENS FILED

FRESNO COUNTY

Recorded Amount
Nov. 2, 1922—LOTS 33 AND 34 BLK 16 College Park, Fresno. L Rosenberg vs J L Baker\$506
Nov. 1, 1922—LOTS 29 AND 30 BLK 4, Dale Addition, Fresno. L Rosenberg vs C R Fuchhaber and Henry Gable\$224

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Nov. 4, 1922—N 83.43 ft. of E 42 ft. of W 59.96 ft. Lot 21 Oak Grove Tract, Sacramento. Geo Jacobson (as Oregon Door & Window Co) vs B W Graves and Grace Connolly\$564.60

BUILDING CONTRACTS

SANTA CLARA COUNTY.

\$1,000 and Over Reported

COTTAGE, 5-room, \$3000; Park and Spencer Sts., San Jose; owner, Mrs. M. C. Davidson; contractor, Jas. Lemieux, 577 S-Sixth St., San Jose.

COTTAGE, 6-room, \$3000; Tenth and Taylor Sts., San Jose; owner, Andra Ciccarella, 698 N-10th St., San Jose.

OFFICE building, \$1500; No. 78 S-Market St., San Jose; owner, Elmer Bros., Premises.

EXTEND freight depot, \$4000; Santa Clara and 27th Sts., San Jose; owner, Western Pacific Railway Co., 207 S-First St., San Jose; architect, Company Engineers; contractor, R. O. Summers, 17 N-1st St., San Jose

WAREHOUSE, \$1660; San Pedro and Railroad, San Jose; owner, Southern Pacific Railway Co., 1st and San Fernando Sts., San Jose; architect, Company Engineers; contractor, Z. O. Field & Son, W-San Antonio St., San Jose.

ADDITION, \$5000; Julian and Terraine Sts., San Jose; owner, Bean Spray Pump Co.; architect, Company Employees; contractor, G. M. Latta, 25 Rhodes Court, San Jose.

NURSES HOME
SAN JOSE. All work for two-story nurses' home.

Owner—San Jose Hospital, Auzaerals Bldg., San Jose, % S. G. Tompkins. Architect—Binder & Curtis, 255 1/2 S-1st St., San Jose.

Contractor—Frank T. Edmans, 143 N-8th St., San Jose.

Filed Nov. 3, '22. Dated Nov. 2, '22.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$35,874

Bond, \$17,937. Sureties, Jas. H. Pierce and Wm. F. Serpa. Limit, 4 months from Nov. 3, 1922. Forfeit, none. Plans and specifications filed.

RESIDENCE
SAN JOSE. All work for one-story frame and stucco plaster residence and garage.

Owner—P. and Josephine (wife) Swanson, 111 S-15th St., San Jose.
Architect—None.

Contractor—A. J. Nielsen, 156 S-20th St., San Jose.

Filed Nov. 2, '22. Dated Nov. 2, '22.
Frame and roof on garage; house framed and finished.....\$1762.50

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock \$100,000
Sacramento, Placerville,
Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Electric, plumbing and roof completed 1762.50
Upon completion 1762.50
Usual 35 days 1762.50
TOTAL COST, \$7050.00

Bond, none. Limit, 90 working days from Nov. 6, 1922. Forfeit, none. Plans and specifications filed.

RESIDENCE
SOUTH PALO ALTO. All work for 5-room residence.
Owner—C. R. Smith, Palo Alto.
Architect—None.
Contractor—W. S. Custer & Co., Palo Alto.

Filed Nov. 2, '22. Dated Oct. 31, '22.
Foundation in and rough lumber on ground 1/4
Under roof 1/4
On completion 1/4
Usual 35 days 1/4
TOTAL COST, \$122

Bond, none. Limit, 90 working days from Nov. 2, 1922.
and specifications h.d.

COTTAGE, five-room, \$3000; Eleventh St. near Virginia, San Jose; owner, A. R. Davis; architect, Pacific Ready-Cut Homes, Knox Bldg., San Jose.

BOILER-ROOM, \$800; Orchard and Bal-back Sts. San Jose; owner, Individual Wash Laundry Co.

COTTAGE, four-room, \$1500; N Thirty-third St. near McKee, San Jose; owner, Clara A. Bassett; contractor, J. E. Coulter.

COTTAGE, five-room, \$3000; 16th St. near Empire, San Jose; owner, Clyde H. Stockton; contractor, D. R. Spooner, 17th and San Antonio Sts., San Jose.

COTTAGE, four-room, \$1985; 16th St. near Julian, San Jose; owner, Geo. Schwind, 755 E-Julian St., San Jose; architect, Pacific Ready-Cut Homes, Knox Bldg., San Jose.

PUBLIC garage, \$1200, No. 1283 E-Santa Clara St., San Jose; owner, P. Davis, Bascom and Stevens Cr. San Jose.

SCHOOL
SARATOGA, Cal. All work for one-story frame school building.
Owner—Saratoga School District, Saratoga, Calif.

Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
Contractor—Morrison Bros, Jackson St., Santa Clara.

Filed Nov. 4, '22. Dated Oct. 30, '22.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$55,460

Bond, \$55,460. Sureties, S. H. Chase & J. H. Pierce. Limit, 120 working days from Oct. 30, 1922. Forfeit, \$20 a day. Plans and specifications filed.

NURSES' HOME
SAN JOSE. Heating system for nurses' home.

Owner—San Jose Hospital, % S. J. Tompkins, Auzerals Bldg., San Jose.
Architect—Linder & Curtis, 255 1/2 S. First St., San Jose.

Contractor—J. E. O'Mara & W. D. Stewart, 413 Minna St., San Francisco.

Filed Nov. 1, '22. Dated Nov. —, '22.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$3490

Bond, \$1745. Sureties, Cass, E. Gee and J. S. Sprague. Limit, one week after perfecting title. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Accepted
Nov. 1, 1922—SAN JOSE. Mary F. Roth to Herbert Jorgensen.....	
..... Nov. 1, 1922	
Nov. 1, 1922—SAN JOSE. Pacific Gas	

and Electric Co to Brode Iron Wks
Nov. —, 1922—OCT. 26, 1922
Nov. —, 1922—W-SANTA CLARA ST.
San Jose. Norman B. Kooser to Al Compton.....Nov. 2, 1922
Nov. 3, 1922—SAN JOSE. E. W. and Susan E. Stout to whom it may concern.....Oct. 30, 1922
Nov. 3, 1922—NO. 99 MAGNOLIA AV., San Jose. Lillian M. Beaulieu to whom it may concern.....Oct. 1, 1922
Nov. 4, 1922—SAN JOSE. Joe and Rosale Zanaria to Frank Peres.....Nov. 2, 1922
Nov. 6, 1922—LOT 1 BLK 6, Hanchett Residence Park, San Jose. Eliza H. Yocum to E. E. Arnold.....Nov. 6, 1922
Nov. 6, 1922—LOT 8 BLK 9, Evergreen Park, San Jose. Pietro Tardelli to Bruce Constr Co. Nov. 4, 1922
Nov. 6, 1922—SAN JOSE. William H. O'Neill to whom it may concern.....Nov. 3, 1922
Nov. 6, 1922—GILROY. W. J. Stuart to C. S. Holmes.....Oct. 25, 1922
Nov. 6, 1922—GILROY. W. B. Stuart to C. S. Holmes.....Oct. 25, 1922
Nov. 6, 1922—GILROY. W. B. Stuart to C. S. Holmes.....Nov. 3, 1922

LIENS FILED

SANTA CLARA COUNTY

Recorded	Amount
Nov. 6, 1922—SIXTEENTH ST., San Jose. A. J. Raish vs J. A. Kerwin.....	\$258.10

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded	Amount
Nov. 4, 1922—NEAR SARATOGA. Hubbard & Carmichael Bros. to M. Perino, Ned C. Griffen and Sadie P. Griffen.....	\$1006.16

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, \$3000; W Seventh St., bet. Lucas and Lincoln Sts., Richmond; owner, E. B. Stegeman, 835 Seventh St., Richmond.

DWELLING, one-story frame, \$2800; E Sixth St., bet. Ripley and Penn Sts., Richmond; owner, E. Gillard, 436 Fifth St., Richmond; contractor, N. E. Anderson, 2030 Roosevelt St., Richmond.

OFFICIAL PROPOSALS

(Continued from Page 14)

NOTICE TO BIDDERS

(Vacuum Heating System—Monterey High School Buildings)

Notice is hereby given, by the Board of Trustees of the Monterey Union High School District, at Monterey, California, that sealed bids will be received by said Board for Vacuum Heating System for High School Buildings at Monterey, in said District, in accordance with the plans and specification adopted by said Board of Trustees on the 28th day of October, 1922, and now on file in the office of the Clerk of said Board of Trustees. Plans and specifications may now be obtained from the Clerk of the Board or from the Architects Norman E. Coulter, 46 Kearny Street, San Francisco, California, or Marshall A. Dean, 162 Pacific Avenue, Pacific Grove, California. A deposit of Ten Dollars (\$10.00) will be required for each set of plans.

All bids will be opened by the said Board of Trustees on the 25th day of November, 1922, at 1:30 o'clock P. M., at The Monterey Union High School building, Monterey, California, and all bids must be delivered to Mr. James McIntosh, Clerk of said Board, before that hour, enclosed in sealed envelope, and marked on the outside, "Bids for Vacuum Heating System for High School Buildings at Monterey."

All bids must be accompanied by a certified check, cash or a certificate of deposit equal to Ten (10) per cent of the amount bid; checks or certificates of deposit to be made payable to the Board of Trustees and to be returned to the party or parties whose bid or bids are not accepted, and to the party whose bid is accepted, upon his entering into a contract with the said School District and giving such bonds as may be required by Law or said Board.

Board of Trustees reserves the right to reject any and all bids.
JAMES MCINTOSH,
Clerk of the Board of Trustees of the Monterey Union High School District, Monterey, California.

NOTICE TO CONTRACTORS

BIDS WANTED FOR SCHOOL ADDITION

Notice is hereby given by the Board of Trustees of the Larkspur-Corte Madera Elementary School at Larkspur, Main County, California, that bids will be received for the additions and alterations to the present school building at Larkspur.

All bids must be accompanied by a certified check for not less than ten per cent of the amount of the bid submitted.

Bids must be enclosed in a sealed envelope and delivered to the Clerk of the Board, Mr. James A. Fay, at the Larkspur-Corte Madera School Building, Larkspur, California, on or before November 11, 1922, at 10 o'clock p. m.

Plans may be obtained from the Clerk of the Board or from the Architect Norman E. Coulter, 46 Kearny Street, San Francisco. A deposit of ten dollars will be required for each set of plans given to Contractors.

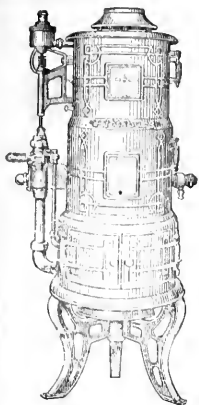
The Board of Trustees reserve the right to reject any or all bids that may be submitted.

Clerk of Larkspur School District.
JAMES A. FAY,

TO CALL BIDS FOR REFRIGERATING PLANT, ETC.

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed "proposals for refrigerating and ice-making plant, Naval Operating Base (Hospital), Pearl Harbor, T. H., Specification No. 4735 will be received at the Bureau of Yards and Docks Washington, D. C. in the near future. The work consists of refrigerating and ice-making equipment, using as refrigerant any satisfactory substance except ammonia, and consisting of two-motor-driven compressors, condenser, liquid receiver, two motor-driven brine pumps, a motor-driven circulating water pump, a combination refrigeration and brine tank with expansion coils, a water pre-cooler tank with coils, a pressure filter, brine agitator, water agitating system by compressed air, automatic can filler, hand-operated crane, automatic can dump and ice chute, ice cans, oil and scale traps, piping and other accessories, also brine piping for existing cold storage rooms and cooler's boxes and the construction of an ice-storage room in the Subsistence Building. The capacity will be 3000 pounds per 24 hours. Drawings and Specification No. 4735 may be obtained on application to the Bureau of Yards and Docks, Navy Department, Washington, D. C., Commandant, Navy Yard, San Francisco, California, or to the Commandant, Naval Operating Base, Pearl Harbor, T. H. Deposit of a check or postal money order for \$10.00 payable to the Chief of Bureau of Yards and Docks is required as security for the safe return of the drawings and specification within five days after the award of contract.



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THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

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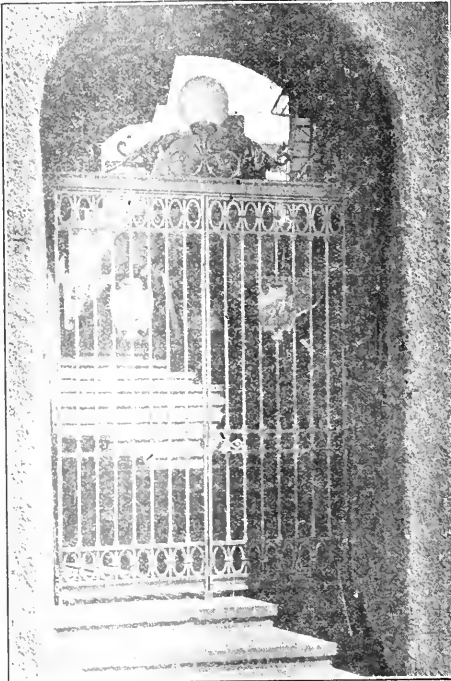
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SAN FRANCISCO, CALIF., NOVEMBER 18, 1922

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Twenty-second Year No. 46

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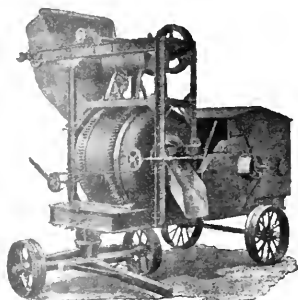
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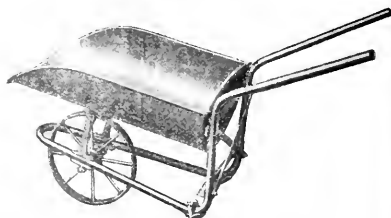
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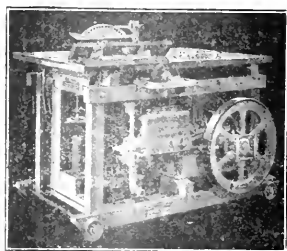


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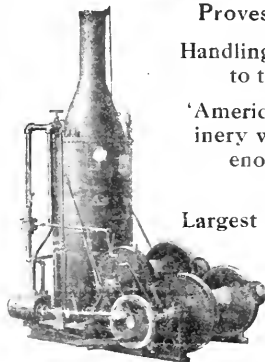
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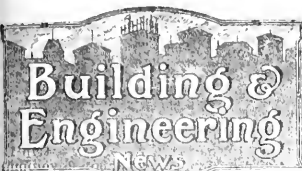
Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., NOVEMBER 18, 1922

Twenty-second Year No. 46



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SAN FRANCISCO BUILDERS HELD ON ANTI-TRUST ACT.

Police Judge Daniel S. O'Brien of San Francisco has submitted a decision ordering that twenty-five out of the seventy building material men and corporations given a hearing in his court, be held for trial before the Superior Court on charges of violating the Cartwright anti-trust law.

Out of the remaining forty-five defendants, six were dismissed for lack of evidence of a violation of the anti-trust act, and the other thirty-nine cases were continued for future disposition.

The cases arise out of the complaint of A. Lettich, a plumbing contractor, who charges that he was refused the privilege of purchasing supplies from the building material men he named, because he did not conduct his business under the open shop or American plan, as outlined by the Builders' Exchange.

The case which had been carried over a period of several months, was a long and tedious one, taking twenty-one days actual time to present the evidence and arguments.

"In his decision on the case, Judge O'Brien said in part:

"The evidence in this case showed that the defendants, who controlled all or nearly all of the plumbing material in San Francisco, did enter into an agreement to refuse to sell any of such material to any plumbing concern or contractor who refused to operate his business under the so-called American plan.

"It is my opinion, based upon the evidence and decisions referred to that the acts of the defendants in refusing to sell plumbing materials as shown by witnesses for the people, constitute a violation of the Cartwright act."

Rotten Condition In Building Trades Due To Union Agents To Further Own Interests

(American Contractor)

Labor is cursed with organization. By nature of the case, it is so adept at managerial functions as if it were made up of units of managerial capacity. Therefore the super-imposed organization is quite free to get away with practices which thinking labor does not approve of—when it thinks.

The rotten condition in the building trades in certain cities would not exist if business agents and officers in those cases had not been actuated by selfish gain at any cost rather than by the good work for the membership they represented.

The burden of iniquity and indefensible practices has resulted in nationwide leaning toward the open shop. There are four avenues which progress may take: (1) There may be instituted and maintained an open shop; (2) there may be a battle for supremacy won by labor organized on a different plan than now; (3) there may be a reformation of the unions on much the present plan by a house cleaning within themselves; (4) there may be domination by the present unions with all their present practices maintained. Let us look to these four departures.

(1) The institution of the open shop means fighting and whipping present labor organization. This is no small job in itself, but the maintenance of the open shop is where the still greater difficulty comes because, unless the course following the whipping is very fair and satisfactory, the second condition will result. Remember, a France stinging from 1871 is always is always ready to trample on Germany's prostrate form. Labor left in that condition will always find leaders to reorganize it and to line up allies. Labor working under the open shop, of course, may be organized, but the organization must be satisfied with what the employer offers under the open shop rule, or the open shop will not stand the test.

(2) In that case the organization of

labor will be along more cunning and effective lines because profit is always made from past experience, and the employers' organizations have taught labor much about effective methods. There would be possibility in the building trades of the so-called one big union for the present craft unions.

(3) There is little prospect for the reformation of unions on the present plan, but in some cities and in certain crafts this will be done. Of course, this is a logical possibility under the open shop condition, but there is little possibility unless the battle for the open shop is waged so fearlessly that there is no other way for the unions to preserve themselves.

(4) It would be most unfortunate for the laborers as well as for the employers if present union tactics which are uneconomic should be continued by force of might. However, all things are possibilities and the gauge of battle thrown down means one side shall win and the other lose. Organized labor does not consider itself whipped as yet, and agents and officers will rally all resources in order to fight for their own existence.

Force alone will never conquer. The sting of domination is too sure to be implanted under such conditions. This is the age of organization, and it is almost unthinkable that there will not continue to be powerful labor unions probably much more so than now, because they will better represent the public by being along more economic lines without so much seeking of monopoly.

The education of the rank and file of labor to the fact that uneconomic practices must be done away with, and that labor organization must meet employer organization frankly, must be carried on. While fighting for the American Plan, there must be kept before the man working under such plan specific evidence of playing fair and giving measure for measure.

COST ESTIMATES COMPILED FOR JOINT HIGHWAY

Assistant State Highway Engineer E. T. Stanton, in conjunction with James K. O'Brien, Supervisor John Rusch, of Sacramento county, and Supervisor John Heiken, of Sutter county, has completed estimates of costs for construction of a joint highway from a point near Oswald in Sutter county, by way of Taylor, Nicholas and Vernon to Elkhorn in Sacramento county. The estimates of Engineer Stanton on the various types of road, allowing \$53,000 for grading and \$25,000 for a timber bridge, follow:

Water bound gravel or crushed rock, fifteen feet wide and six inches thick, \$238,410; same type, eighteen feet wide, \$278,145; asphalt macadam, fifteen feet wide, and six inches thick, \$397,325; same type, eighteen feet wide, \$476,820.

Portland cement shoulders with asphalt macadam in center, eighteen feet wide and six inches thick, \$582,780; same type, fifteen feet wide, \$496,820. All Portland cement roadbed, eighteen feet wide and six inches thick, \$688,740.

NEW CHIEF OF INFORMATION AP- POINTED BY FOREST SERVICE

Wallace L. Hutchinson, assistant chief of the branch of public relations in the Washington, D. C. headquarters of the United States forest service, is in San Francisco to take charge of educational and information activities in the California district, according to an announcement by district forester, Paul G. Redington.

Hutchinson is a graduate of the Yale forest school, and an experienced newspaper and magazine writer. He first entered the Federal forestry service in 1902 under Governor-elect Gifford Pinchot of Pennsylvania, and has had wide field experience in the forests of the western states, Philippine Islands and Europe. Hutchinson was formerly supervisor of the San Isabel national forest in Colorado, and served for many years as information chief in the Rocky Mountain district of the forest service.

Westgate Metal Products Co. of Oakland, manufacturing cooking cabinets and gas stoves has opened a salesroom at 1218 Market street, San Francisco.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Architects, Engineers, Contractors and Materialmen are invited to send in items for publication to "The Observer." The opening of a branch office, a social, a special meeting of department heads, promotions, changes of address, addition of new lines of equipment, appointments, etc., all of these are of interest and will be welcomed for publication. Make this column a clearing house of timely, interesting and useful information.

Every Chamber of Commerce in the Sacramento valley will be asked to cooperate in obtaining a federal appropriation for an engineering survey of Lassen National Park, as the result of a conference held in Sacramento. Colonel E. B. O'Hern, commandant of the government arsenal at Benicia, presided in his capacity as president of the United Chambers of Commerce of the Sacramento valley. R. M. Neustadt, industrial consultant, representing the San Francisco Chamber of Commerce, A. E. Dittmar, secretary and manager of the Lassen Park Association, announced that if an appropriation is obtained for an engineering survey a complete road building program to handle tourist travel to the park will follow.

Uniform irrigation laws for the West were discussed at the first of a series of conferences under way at the Anglo and London, Paris National Bank, San Francisco, under representatives of all the Western states, including Governor Davis, of Idaho, Attorney General U. S. Webb of California, members of the Ninety Irrigation Districts Association of California, members of the Irrigation Securities Committee of the Investment Bankers' Association, and local attorneys. At present every state has its own irrigation district features. It is believed that uniform laws will make this class of securities more attractive.

S. L. Jones & Co., of San Francisco, has been given judgement for \$14,500 in the District Court of Appeal, on the damage suit brought by the Jones Company against Vincent Bond. It was shown that Bond had entered an agreement in 1920 to supply S. L. Jones & Co. with 1000 tons of steel bars, who had later failed to deliver them. The lower court allowed the \$14,500 judgement, as representing the difference between the contracted price and the market value when additional bars had to be purchased by the Jones concern. The opinion of the District Court is an affirmation of the previous ruling.

Chas. A. Merritt and Chas. A. Parlier, of San Jose, have formed a partnership and will engage in the plumbing and sheet metal business with offices in the Liberty Amusement Building. Merritt served his apprenticeship with Mangrum and Otter, remaining in their employ for twenty-six years. Parlier was with Mangrum and Otter for fifteen years and for the past two years have been superintendent for Snyder and Du Brutz of San Jose.

Approximately 20 miles of street pavement have been laid and more than 14 miles of curbs and gutters placed in Sacramento under the present new charter form of government, according to a report compiled by City Manager Clyde Seavey. Under the present administration \$66,094.49 has been expended for paving, alley and sewer jobs, curbs, gutter and grading. According to the report, there are 20 paving jobs to be completed.

The Ozette Railway Co. consumed one of the largest timber deals made in the Northwest when it purchased the Quinalt Lake unit of the Indian Reservation timber comprising 388,000,000. The accepted bid is \$5 a thousand feet for live, dead cedar, Douglas fir, spruce, white pine and Amabilis fir, and \$3 a thousand for all hemlock. The total amount of the deal is approximately \$1,700,000. The sale was made through W. B. Sams, Indian Agent, for the Government.

An extensive stone-tile plant under license for the National Stone Tile Co., is in operation by the Rhodes-Jamieson Co., of Oakland, on a five acre tract on the Oakland estuary near High street. Raw materials from the Sacramento river district and stone from Marin county are being largely used in the production. An output of 10,000 tile a day, equivalent to 30,000 bricks is reported.

J. F. Shepherd and Ed. Riley, Stockton contractors, have won a suit against W. T. Owens. The contractors prepared plans and specifications to remodel a brick building at Eldorado and Oak streets, Stockton, and Owens refused to proceed with the work, declaring the plans did not meet with building law requirements. The court allowed the contractors 3 1/2 per cent commission on the sum of \$16,796.80 in recompense for their services.

The biggest timber sale in the history of the land office at Roseburg, Ore., was recorded when 80,000,000 feet of timber tributary to Coos Bay and Coquille were sold to Ben Chandler, of Marshfield, Ore., and the Coos Bay Timber Co. The buyers purchased all the good timber at \$2.50 a thousand, a slightly smaller amount being paid for inferior grades. The total amount of the sale was \$187,409.08.

The Geo. H. Tay Co., San Francisco wholesale plumbers, will occupy a two-story reinforced concrete building to be erected by the Talbot Investment Company at Eighth and Natoma Streets, San Francisco. A feature of the structure will be the show rooms for the exhibition of products carried by the Tay company. The building will cost in excess of \$100,000.

C. E. Gruinsky, engineer in charge of the Gordon Valley water project for the city of Vallejo, has no authority to change the salaries of men employed on the project, according to members of the city council. The decision was made when it became known that the salary of Lester Canady, assistant engineer had been raised from \$225 to \$260 a month.

Oroville-Wyandotte Irrigation District, Butte County, votes bonds of \$2,000,000 to construct irrigation works and purchase irrigation systems of South Feather and Feather Land and Water Companies. S. J. Norris, Oroville, is chief engineer for the district.

ALONG THE LINE



Albert Givan, City Engineer of Sacramento, has returned from a trip East where he inspected harbor development work prior to preparing plans for improvements proposed by the Sacramento City Commissioners. A report of his observations will be submitted to the City Commission within the next few days.

H. W. Robertson has been elected president of the Master Builders' Assn. of Sacramento. Other officers elected are: George D. Hudnutt, first vice president; Curtis Cutter, second vice president; W. E. Tueddale, secretary; C. H. Chatterton, treasurer and A. W. Norris, sergeant at arms.

City Council of Eureka, Calif., will call election to vote bonds of \$100,000 to finance purchase of rails and equipment for municipal railway system and \$100,000 to purchase land for park improvements.

City of Watsonville has voted \$225,000 to purchase and improve the plant and distributing system of the Watsonville Water Company. Of the total amount voted \$25,000 will finance improvements.

The Aladdin Co., builders of ready-cut buildings has established a branch office in the First National Bank Bldg., Oakland, with I. L. Walker as district manager.

Geo. T. Freitas, city engineer of Modesto, has tendered his resignation to the city council, effective January 1, 1923.

James Reavey, for more than twenty years assistant chemist for the San Francisco Board of Public Works, died in the Morton Hospital, October 10.

Robert W. Baxter, railroad builder, died at his home, 1132 Park Ave., Alameda, October 10, following an illness of two months.

Architect E. L. Hopkins has opened an office in room 626 Western Mutual Life Bldg., Third and Hill Sts., Los Angeles.

C. E. Hassey has been appointed acting building inspector of Santa Barbara, succeeding Frank Stewart.

John S. O'Brien, 65 years old, pioneer lumber dealer of San Mateo, died in that city November 11.

Architect Jas. J. Donnellan, formerly of San Francisco, has opened an office at 214 Lissner Bldg., Los Angeles.

Savage & Son, plumbers, have moved to new and larger quarters at 214 Sierra St., Reno, Nevada.

Pacific Gas & Electric Co. purchases 25-acre site in San Leandro on which it is proposed to erect a sub-station.

Highway Engineering and Highway Transport Fields and Their Need for Trained Men

(By Thomas B. Macdonald, Chief I. S. Bureau of Public Roads, Department of Agriculture)

In May, 1920, before the first conference on Highway Engineering and Highway Transport Education, it was my privilege to present a paper on a very similar subject. About the same groups made up that conference that are again represented here. The essential difference, then, is the fact that we now have to guide us three years experience in the development of a remarkable highway program, a program of highway improvement much beyond the conception of our most advanced ideas of only a few years since. Out of this experience there are certain tendencies crystallizing which indicate clearly and most emphatically responsibilities that must rest upon all those who are and who should be concerned with the business of education.

At the time of the first conference this country had been passing through a time of intense industrial activity. We are now emerging slowly from a period of the greatest contrast, a period marked by industrial depression, liquidation, and deflation. From the record as it was stated then and out of these more recent experiences, materialize the principles of a major character if measured by their effect upon the highway development of this country, and major, too, if measured by the difficulty of overcoming them effectively. In outline these principles may be stated:

1. During periods of industrial activity industry takes annually a large draft of technically trained men. This is true whether applied to the young men upon whose diploma the ink is scarcely dry, or to the trained, efficient engineer of many years experience.
2. The inducements of higher compensation, sure advancement and continuity of services are offered by industry to the individual of outstanding personality and technical preparation far in advance of the offers made by the public service.
3. During the periods of industrial depression there is a drift of engineers to the public service, but, generally speaking, not of the best qualified or experienced engineers.

Elaborating the point briefly, when the depression seized upon the industry, large and small, and there came a general curtailment or shutting down of activities, many engineers sought the public service, fled reluctantly and generally with greatly decreased compensation. Now that, despite major handicaps, a revival and expansion of industrial and commercial activity is again heard, we can expect the repetition of our very recent experience of having the most available and best qualified engineers attracted and deflected to other fields. It will not be very long before this cycle is completed. The principles, which are in themselves an indictment, are the prologue. If this conference is to accomplish something big, and if it is to assist, in the months and years immediately ahead, the achievement of definite progress, it must concern itself with educational measures and policies that are broader in their application than the technical curricula of our educational institutions. It must do its part in helping to awaken and develop a real public conscience toward its own public service, and it must awaken the public's intelligence to a real appreciation

of the magnitude and significance of the developing highway transportation.

First, consider the significance of the recent highway legislation. The Federal Highway act of November, 1921, gave us for the first time in the history of the United States, a plan for the development of a comprehensive system of highways serving the nation by perfecting a net work into every part of every State. It contemplates the service of highways for interstate and transcontinental traffic but none the less does it provide for local traffic. It brings this major system of highways too close to the communities that a properly developed system of local roads will reach all those who are not served directly. But the direct service which will be provided by the major system itself will reach a very large percentage of our total population and carry a very large amount of the total highway traffic.

Preliminary estimates show that there will be included in the major system, which we may call the Federal highway system, approximately 180,000 miles, and even considering the improvement which have been made, it will require ten to fifteen years, perhaps longer, to complete that system. Last year we added about 10,000 miles of completed highways to this system. This year the record will be smaller but there are included in these yearly totals a large mileage which must yet be surfaced or improved with a higher type of surfacing before the system can possibly be considered complete.

The Federal Highway Act established as conditions precedent to the continued participation of the States in the allotment of Federal aid, these principles:

1. That each State should maintain a highway department properly organized and equipped to supervise and administer the construction of new highways, and to maintain those already built.
2. That each State must provide State funds to meet the Federal aid funds, and not to be dependent upon the various subdivisions such as counties, to supply the State's quota, and
3. That, probably most important of all, each State must provide sufficient funds to maintain the roads which are built and lift the responsibility from the shoulders of the local communities. A majority of the States have already incorporated in their State legislation these principles, and it was the result of the successful working of these principles in some States over a considerable period of time that led the framers of this Act to require their universal adoption.

The States which must change their constitutions or their laws in order to comply with these requirements are already taking the necessary steps, and it is only a question of a very short time until they are made a part of the laws of all the States. Note that this development in legislation accepts and provides for a plan of administration and supervision universal in its application, that can be satisfied only by an engineering organization.

This conference can evaluate the degree of accomplishment for the benefit (public) that lies between the results that will be secured by an adequate engineering organization, and the dis-

appointments that will result from the failures of an inadequate organization. Can the general public be awakened as keenly to this difference?

Second, the field for the highway engineer is not so limited as might first be thought. It is not sufficient that there shall be competent engineers in the public service alone. There must be equally competent and well qualified men in the field of the producers and the allied activities. This field is partially covered by the following:

1. Engineering organizations such as county, municipal, State and Federal highway departments.
2. Contractors engaged in highway construction.
3. Producers or manufacturers of highway material.
4. Consulting and private engineers.
5. Commercial laboratories and inspection service.
6. Industrial educational associations.
7. Engineering and educational institutions.
8. The technical press.
9. Traffic engineers.

This latter is a new and at this time almost undeveloped field, but in the future it promises to absorb many men who will be engaged in a most valuable service.

This list is not complete; there are many allied lines having relation to the general field of highway development.

Third, our production of serviceable highways is not keeping pace with the demand.

Because their use, their practicability and their continuing service are dependent upon improved highways, the growth and the use of the motor vehicle is the best index to the need for, and the probable future increase in the mileage of modern highways. During the little more than a decade since 1910 the number of motor vehicles in service on our public highways has increased more than 2000 per cent. Permit me to repeat the figures which I have used before, which indicate the lag in the development of highways of modern type over the development in the use of the motor vehicle:

1. During the period 1910 to 1921 the potential number of motor vehicles demanding highway service increased approximately 2000 per cent. Our actual expenditures for construction and maintenance of highways increased about 400 per cent.
2. During the period 1910 to 1921 motor vehicles increased more than 1100 per cent, highway expenditures about 120 per cent.
3. During the period 1918 to 1921 motor vehicles increased about 900 per cent, of the number registered in 1910, and highway expenditures about 400 per cent on the same basis.

It is not asserted that these figures are directly comparable, but I cannot be disputed that they are indicative.

Fourth, consider briefly the matter of highway funds. The total estimated expenditures for highways by all agencies and from all sources during the year 1921, amounted to more than \$700,000,000. The figures for this year will probably fall somewhat below the figures for last year.

On the basis of the more conservative estimate of the actual expenditures, and without attempting to fix closely the proper percentage of cost for engineer

ing services, there should be invested annually, at the present rate, for the engineering and administrative control alone, from \$20 to 60 million dollars. Considering that easily from 40 to 60 per cent, depending upon the type of work, will be used for labor, there will be available annually, from 250 to 400 millions of dollars. These funds are available for the employment of skilled and technically trained men in the contractors' organizations as well as for the employment of common labor.

It is hardly necessary to continue to tell of the large sums available, which may legitimately be used for the employment of highway engineers.

In summary, we find that the tendency of highway legislation is most favorable to the man who will consider the highway field as his future work. There are opportunities in more than a dozen of major fields directly connected with highway work. The rate of highway improvements has not kept pace with the demand which, together with the program now definitely recognized, make certain a long period of major activity.

The legitimate percentages of the total available funds which should be used for engineering and supervision are sufficient to insure employment to many men who are properly qualified and technically trained. As a commentary these facts do not, at least to me, indicate that the educational institutions should feel called upon to specialize in the teaching of highway engineering. For the graduate who would enter the highway engineering field I would personally prefer that he have a sound general course in mathematics, English, economics and kindred general subjects, rather than a number of specialized subjects. But on the other hand, the graduate who is to enter the highway field should not be trained for some other engineering field. Referring back to the principles which were developed in the opening paragraph there is here potentially a big, attractive field for the best trained men and the extent to which these men can be brought into this field and retained, will be the measure of the economy and efficiency of the expenditure of the tremendous public funds which are inevitably to go into the building and maintenance of our public highway system.

Bigger by far than any other problem before this conference is first the problem of awakening the public to the need for and the support of the highway administrative and engineering organizations engaged in this work, and second, that of educating the public to a proper use of the highways from the traffic standpoint.

FRESNO MATERIAL DEALERS ELECT OFFICERS

The Fresno Building Material Dealers' Association, at its annual banquet in the Hotel Hughes, November 13, elected the following directors: A. B. McWorter, President; J. P. Brown, Clarence Foin, S. L. Platt and B. A. Newman. McWorter has been president during the past year and L. J. Allen, secretary. The directors will meet in the immediate future to name a president and secretary for the new year.

Among those who addressed the dealers at the annual banquet included: W. A. Sutherland, vice president of the Pacific South-west Bank and head of the Fidelity Bank of Fresno, spoke on "Financing Building Operations"; Arthur W. Bernhauer on "Problems in the Planning Mill Business"; Wm. Kendrick on the "Lumber Industry"; J. A. Hunt, of the Valley Industrial Association, outlined a plan to create better conditions in the building industry.

Chester Rowell announced he will resign from the State Railroad Commission January 1. Martin Madsen is reported slated to fill the vacancy.

Construction Started On First Truscon Standard Building In San Francisco

Construction on the first Truscon Standard Building in Northern California has been started in San Francisco for the U. S. Metal Products Co. in Tenth street between Folsom and Harrison, according to Chas. Hallway, Jr., San Francisco branch manager of the Truscon Steel Company of Youngstown, Ohio.

While the Truscon Standard Building is new to the building interests in this section it is extensively used in southern California, the Middle West and in the East. The construction is most adaptable for industrial plants, from the smallest to the largest type of building and is accepted by the Fire Underwriters. The Truscon Standard building for oil filling stations is carried in stock by the San Francisco branch.

The structure now in course of construction for the U. S. Metal Products Company will cover an area of 50 by 66 feet and will be one story, eighteen feet high. Walls and roof sheets are formed of No. 18 gage copper alloy steel with sheets interlocking and attached to the structural steel by means of bolts and wedges. As all units are interchangeable it is a simple matter to enlarge the structure at any time desired.

LUMBER OUTPUT SHOW DECREASE COMMERCE BUREAU REPORTS

Preliminary statistics just released by the Department of Commerce show the total lumber cut of Idaho and Montana during 1921 as 756,609,000 feet, which is a decrease of 45 per cent as compared with the cut reported for the preceding year. These statistics are the result of a census of the lumber and timber products industry in the 2 states by the Bureau of Census, Department of Commerce, and the Forest Service, U. S. Department of Agriculture, acting in cooperation.

The production of lath for the two states was 100,162,000 in 1921 compared with 144,855,000 in 1920 and 90,512,000 in 1919, and the production of shingles was 15,338,000 in 1921 compared with 31,454,000 in 1920 and 22,910,000 in 1919.

The Forest Service reports that during 1921 conditions surrounding the lumber industry were extremely difficult for the western operators to contend with, resulting in the smallest lumber cut since 1905 for Montana and the smallest since 1908 for Idaho, that during the late winter and early spring months of 1921 selling prices were probably below the cost of production at many of the mills and several of the large operators closed their camps in July, 1921, and did not actively resume their operations until October. November of that year. Thirty-eight per cent of all the mills located in Montana and 37 per cent of all the mills in Idaho were reported idle during 1921. The Forest Service also states that there are indications of a return to fairly normal conditions in the lumber industry and that the total production for 1922 in these states will probably not fall much below the average for the past five or six years.

CRUCIBLE STEEL SHOWS DEFICIT OF \$3,709,517

The Crucible Steel Company of America shows a deficit of \$3,709,517 in its annual report of operations for the year ending August 31, as compared with a profit of \$5,547,245 for the preceding year. The operating loss for 1922 was set down as \$2,165,767, after adjustment of inventories. The company has a surplus of \$20,008,270.

sired and is just as easy rearranged, reduced in size or taken down and re-erected on another location.

That this type of building will be used extensively in this section particularly for private garages and small industrial plants, is indicated by the number of inquiries received at the San Francisco office of the Truscon Company.

Among the more important orders recently placed with the Truscon Company for the Standard Buildings include a structure, 60 by 124 feet, for the U. S. Quartermaster Depot at Cambridge, Mass.; a structure, 40 by 36 feet, for the New York Shipbuilding Company of Camden, N. J.; a truck storage building, 60 by 252 feet for the Packard Motor Car Co.; a warehouse, 28 by 440 feet for Parke, Davis and Co.; a group of structures for the Paige-Detroit Motor Car Company and a number of buildings for the Henry Ford and Son Tractor plant at Dearborn, Mich. Among the first orders received by the Truscon Company for the Standard Building was that of the Lakewood Engineering Company of Cleveland, Ohio, which firm has taken down and re-erected a warehouse three times on three different locations.

ENGINEERS INSTALLED BY STATE CORPORATION DEPARTMENT

Walter D. Abel, formerly assistant engineer of the State Corporation Department, attached to the San Francisco office, has assumed charge of the Los Angeles engineering branch. Following the resignation of D. W. Minier, formerly engineer in charge of the Los Angeles office, Commissioner of Corporations Edwin M. Daugherty transferred Abel to the Los Angeles branch. L. C. Wyman, a mining engineer of Los Angeles, has also been attached to the staff of the State Corporation Department. Rapid growth of the business of the State has necessitated the additions and changes in this department.

Abel graduated from the Golden Colorado State School of Mines in 1906, and spent throughout the western states and Mexico, where for several years he was mining superintendent for the American Metal Company. He also spent considerable time in Arizona and Idaho. Just prior to joining the staff of the State Corporation Department he was attached to the State Highway Commission engineering staff.

Wyman is a graduate of the Case School of Applied Science, and holds the degree of mining engineer. He has been a mine superintendent through the western and southwestern section of the United States, and also has spent several months in the oil fields in and about Ventura district.

TO BUILD TIMBER RAILROAD

A railroad twenty-one miles in length will be constructed in the heart of the Sierra Mountains in California to provide an outlet for 167,000,000 feet of timber in the Plumas National Forest, recently sold by the Government to a lumber company. The new line will connect with an existing logging rail-largement of the plant of the Ransome road forty miles in length.

The forest service, which will supervise the cutting of the timber covering 14,000 acres in the sugar pine-yellow pine belt, estimated that it would require eight years to convert it into lumber. Sales of the timber, the forest service said, would bring approximately \$360,000 into the Federal treasury.

Building News Section

APARTMENT HOUSES

Ready for Segregated Bids in About Ten Days.

APARTMENT HOUSE. Cost, \$200,000
SAN FRANCISCO, NW Jackson and Laguna Streets.

Nine-story reinforced concrete apartment house (9 8-room apartments) and basement and garage.
Owner—Joseph E. Levin, San Francisco and S. Levin, New York.
Architect—C. A. Meussdorfer, Humboldt Bank Bldg., S. F.

Plans Completed.
APARTMENTS. Cost, \$80,000
FRESNO, Fresno Co., N Bush 135 W Mason Five-story and basement brick apartments (20 apartments).
Owner—Mrs. B. Eassey.
Architect—W. H. Crim Jr., 425 Kearny.

Contract Awarded.
APT. HOUSE. Cost, \$25,000
FRESNO, 150 Howard Street.
Owner—Edmond, 348 Valera St., F.
Contractor—Roy Martin, Fresno.

To Be Done By Day's Work.
APT. HOUSE. Cost, \$12,000
FRESNO, Fresno Co., Cal., 432 Olive Ave.
Apartment house.
Owner—Berton & Wolff, Bank of Italy Bldg., Fresno.

Plans Being Prepared.
STORE & APTS. Cost, \$18,000
SAN FRANCISCO, Geary bet. 17th & 18th Aves.
Two-story frame store and apts. (brick veneer) 2 apts and 2 stores.
Owner—Jacob Weissbein.
Architect—H. C. Baumann, 251 Kearny.

Plans Being Prepared.
APT. BLDG. Cost, \$80,000
BEVERLY HILLS, L. A. Co., Cal., 520 Beverly Drive.
Two-story brick store, theatre and apt. building 100x150.
Owner—Withheld.
Architect—W. Aza Hudson, Woods-Beckman Bldg., Beverly Hills, Cal.

Contract Awarded.
APT. & STORE BLDG. Cost, \$16,000
OAKLAND, N Foothill Blvd. 200 S Seminary Ave.
Two-story 15-room apt and store building.
Owner—R. J. Burks, Bacon Bldg., Okd.
Contractor—Marshall & Burks, Bacon Bldg., Oakland.

Plans Being Prepared.
LOS ANGELES, L. A. Co., Cal., Gower Ave. and Franklin Blvd.
Three-story class "C" apt. building.
Owner—C. A. Keeler.
Architect—Monaco & Bordeaux, Bank of Italy Bldg., L. A.

Contract Awarded.
APARTMENTS. Cost, \$33,000
SAN FRANCISCO, W Ashbury 75 N Page.
Two-story & basement frame (8) apts.
Owner—E. Robitscher, 1022 Haight St.
Contractor—John J. Binet, 326 Church Street.

Figures To Be Taken In Two Weeks.
APT. HOUSE. Cost, \$200,000
SAN FRANCISCO, N Market E Gough.
Six-story class C reinforced concrete market and apt. house (35 2-room apartments).
Owner—Jas. B. Gaffney and Raymond A. Luce, of the Daylight Market.
Architect—Walter C. Falch, Hearst Bldg., San Francisco.

Contract Awarded.
APARTMENTS, ETC. Cost, \$26,000
SAN FRANCISCO, Hyde St., near Golden Gate.

Two-story and basement Class B reinforced concrete printing plant and apartment house.
Owner—Louis R. Lurie.
Architect—O'Brien Bros., 240 Montgomery St., San Francisco.
Contractor—John Spargo, 240 Montgomery St., San Francisco.

Segregated Figures Being Taken—Bids Open Nov. 17, 1922.
APARTMENTS. Cost, \$80,000
SAN FRANCISCO, N Bush 135 W Mason Five-story and basement brick apartments (20 apartments).
Owner—Mrs. B. Eassey.
Architect—W. H. Crim Jr., 425 Kearny.

To Be Done By Day's Work.
APARTMENTS. Cost, \$20,000
SAN FRANCISCO, S Union 137-6 W Larkin.
Three-story and basement frame (12) apartments.
Owner—Axel A. Johnson, 632 Belvedere Street.

Plans Being Prepared.
APT. HOUSE. Cost, \$1,250,000
LOS ANGELES, Kenmore Ave. and Wilshire Blvd., corner 153x150.
13-story and basement class A Apartment house (425 rooms).
Owner—Paul B. Fletcher and J. B. Little, 3rd and Western Ave.
Architect—Walker & Eisen, Pacific Finance Bldg., L. A.

Plans Being Figured—Bids Close Dec. 1 1922.
APT. HOUSE. Cost, \$700,000
LOS ANGELES, Wilshire Blvd. and Carondelet St.
Eight-story class A apt. house (376 rooms, 138 apts., ballroom, locker room, etc.).
Owner—Wilshire Carondelet Holding Company.
Architect—Russell & Alpaugh, Story Bldg., L. A.
Bids are being taken for a general contract, heating, plumbing, wiring, vacuum cleaning, refrigeration, painting and elevators.

Contract Awarded.
APT. HOUSE. Cost, \$350,000
LOS ANGELES, L. A. Co., Cal., Calhoun St. and Yucca St.
Four-story and basement class "C" brick apt. house 100x160 (172 rooms 90 apts.).
Owner—Leach Cross.
Architect—Walker & Eisen, Pacific Finance Bldg., L. A.
Contractor—Scotfield Engineering Construction Co., Pacific Finance Bldg Los Angeles.

SEATTLE, Wash.—Architect Harry H. James, American Bank Bldg., Seattle, completing working drawings for 10-story class reinforced concrete, 60x120 ft. apartment house to be erected in 6th Ave., bet. University and Seneca Sts.; est. cost \$250,000. Will contain 240 rooms; 40 three-room and 60 two-room apartments. J. H. Williams is owner.

LOS ANGELES, L. A. Co., Cal.—Arch. A. H. McColloch, 503 Delta Bldg., L. A., has completed plans for 3 bungalow courts, with 6 units each, each unit to contain 3 rooms, in the Wilson add., Walnut Park, for Victor Girard. Rustic ext., frame constr., 1-story, 28x24 ft., comp. rt., Oak fls., wall beds, gas rad. hgt. cut water hts., \$100,000. Sixteen units to be erected by owner immediately.

BANKS

Contract Awarded.
ANNEX. Cost, \$11,900
SAN FRANCISCO, S E Sacramento and Liederdorf.
One-story class "C" annex to bank.
Owner—Mercantile Trust Co.
Contractor—Wm. Bateman, 1915 Bryant Street

Plans Being Prepared.
BANK BLDG. Cost—
SAN FRANCISCO, N W Abram and Ocean Aves.
One-story hollow tile frame and plaster bank (Spanish style).
Owner—Continental Trust Co.
Architect—G. Albert Lansburgh, 110 Montgomery.

Contract Awarded.
BANK BLDG. Cost, \$35,775
OAKLAND, Alameda Co., Cal., E-14th St. ad 31th Ave.
One-story and basement concrete bank building.
Owner—American National Bank.
Architect—Edw. T. Foulkes, Crocker Building.
Contractor—Geo. A. Scott, 685 23rd St., Oakland.

Plans Completed.
BANK BLDG. Cost, \$225,000
POONA, Los Angeles Co., Cal.
Five-story, mezzanine and basement Class A bank and office building, 60x90.
Owner—First National Bank.
Architect—Aleck Curlett and Claud Beelman, Union Bank Bldg., Los Angeles.
Bids will be taken separately on the general contract, plumbing, wiring, heating, marble, terra cotta, mechanical equipment, etc.

BONDS

MADERA, Madera Co., Cal.—Election to vote bonds of \$150,000 to erect new county hospital failed to carry.

PORTLAND, Ore.—Bond proposals on the general obligation bonds for the issue provides \$3,000,000 for Burnside bridge and \$1,600,000 for Ross Island viaduct.

ESPARTO, Yolo Co., Cal.—Nov. 18 is date set in Esparto Union High School District to vote bonds of \$95,000 to finance construction of new one and two-story brick high school buildings. Preliminary plans for which have been made by Architect W. H. Weeks, 369 Pine St., San Francisco.

SANTA ROSA, Sonoma Co., Cal.—Election will be held December 2 in Olivet School District to vote bonds of \$3,000 to finance school improvements. Trustees of the district are: F. A. Mossler, Jas. W. Wood and John W. Rued.

OAKLAND, Cal.—Supervising Architect Chas. W. Dickey of the Oakland Board of Education is preparing estimates of cost preparatory to a call to vote bonds to finance construction of new schools and additions and alterations to standing structures.

MORGAN HILL, Santa Clara Co., Cal.—Election held in Morgan Hill Grammar School District to vote bonds \$100,000 to carry. Proceeds favor the purchase of property, erection and equipment of high school buildings and improvements on grammar schools.

PHOENIX, Ariz.—The proposition to increase the bonded indebtedness of Arizona to construct approx. 95 miles of paved highway as a connecting link in the Phoenix-Los Angeles road, carried at the election Nov. 8.

SAN JOSE, Santa Clara Co., Cal.—Until Dec. 4, bids will be received by county supervisors for purchase of \$12,000 bond issue of Saratoga School District; proceeds to finance school improvements.

SACRAMENTO, Cal.—Date to open bids for the purchase of the \$5,000,000 block of 4 1/2% state highway bonds has been extended from Nov. 23 to Dec. 27, due to delay in shipment of bonds from the east where they are being engraved.

WATSONVILLE. Santa Cruz Co., Cal.—Bonds of \$225,000 have been voted to purchase and improve the plant and distributing system of the Watsonville Water Co. Of the \$225,000 voted \$25,000 will be used for improvements. H. B. Kitchen, city engineer.

NEWPORT BEACH. Cal.—Until Dec. 12, bids will be received by city trustees for purchase of the present city gas distributing plant. The people voted 7 to 1 to dispose of the plant. Alfred Smith, city clerk.

SUSANVILLE. Lassen Co., Cal.—Due to error in previous election, the Susanville-Milwood Sanitary District will have another election to vote bonds to finance improvements in the district. The law provides that the first bonds must be retired one year from date. The recent election makes the first bond payable Dec. 1, 1924, and they should be payable Dec. 1, 1923.

LOS ANGELES. Cal.—Los Angeles County Water Works Co., which operates in the "Shoestring Strip" has filed application with railroad commission for authority to issue \$30,000 of bonds to secure funds to make improvements.

OAKDALE. Stanislaus Co., Cal.—City trustees propose to purchase plant of Oakdale Co. and operate same as municipal system. Plant is valued at \$60,000.

REDWOOD CITY. San Mateo Co., Cal.—Bonds of \$30,000 to finance construction of a new high school for the Jefferson Union High School District have been sold by the supervisors for a premium of \$1710. John Reid Jr., First National Bank Bldg., San Francisco, is the architect.

CHURCHES

Contract Awarded.
CH. ANNEX. Cost, \$10,000
SACRAMENTO, 2832 34th St.
Two-story stucco church annex.
Owner—Church of Latter Day Saints, premises.
Contractor—Geo. F. Wright, 3981 Second Ave. Sacramento.

Preliminary Plans Prepared.
CHURCH. Cost, \$350,000
LOS ANGELES. L. A. Co., Cal., N E Wilshire Blvd. and Normandie Ave. 140x225.
Two-story and basement brick & terra cotta church and educational bldg.
Owner—Wilshire Boulevard Christian Church.
Architect—Robert H. Orr, Corporation Bldg., L. A.

Plans Being Prepared.
SUNDAY SCHOOL BLDG. Cost, \$75,000
SAN JOSE, Santa Clara Co., Cal. North Fourth Street
Reinforced concrete Sunday School building.
Owner—First Presbyterian Church.
Architect—Francis W. Reed, 522 East St. Concord.

SEATTLE. Wash.—Arch. Robert H. Orr, 1305 Corporation Bldg., L. A. is revising plans for a church at Seattle for Westminster Presbyterian Church of that city. Found. and basement are already constructed, superstructure will be brick construction, terra cotta exterior, slate rfg., \$100,000.

FACTORIES & WAREHOUSES

Contract Awarded.
TERMINAL BLDG. Cost, \$500,000
LOS ANGELES. L. A. Co., 1th and Alameda Streets.
Four-story and basement reinforced concrete wholesale terminal bldg (additional unit)
Owner—L. A. Union Terminal Co.
Architect—John and Donald B. Parkinson, Title Insurance Bldg., L. A.
Contractor—Wurster Constr. Co., Union Terminal Bldg., L. A.

Contract Awarded.
ADDITION. Cost, \$50,000
SAN FRANCISCO. Guerrero bet. 15th and 16th Sts.
Two-story reinforced concrete addition to plant.

Owner—National Ice Cream Co.
Architect—Wm. Mosser, Nevada Bank Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St.

Contract Awarded.
WAREHOUSE. Cost, \$250,000
SAN FRANCISCO. N W Bay & Powell.
Three-story reinforced concrete factory and warehouse.
Owner—Simmons Co., 198 Bay St.
Architect—Engineering Dept. of owner, Conover, Wis.
Contractor—Barrett & Hilp, 918 Harrison Street.
Sub-figures will be taken in about a week.

Plans Being Prepared.
BUILDING. Cost, \$50,000
HOLLYWOOD. L. A. Co., Cal. Santa Monica Blvd. and La Brea Ave.
Reinforced concrete and steel ice storage building 40x78.
Owner—Home Ice Co.
Architect—Wm. F. Bowen, 813 Union League Bldg., L. A.

Concrete Work Bids Being Taken.
WAREHOUSE. Cost, \$100,000
SAN FRANCISCO. N E 8th and Natoma Streets.
Two-story and basement reinforced concrete showrooms and whse. (flat slab construction).
Owner—Talbot Investment Co.
Lessee—Geo. H. Tay Co., 2nd and Mission Streets.
Architect—J. Kraft & Sons, Phelan Bldg., San Francisco.
Bids will be taken shortly for the steel, carpenter work etc.

Construction Abandoned.
WAREHOUSE. Cost, \$225,000
SAN FRANCISCO. S W Van Ness Ave & M. Wilshire St.
Eight-story and basement class A steel frame and reinf. conc. warehouse.
Owner—Lyon Fireproof Warehouse, 3420 Broadway.
Architect and Contractor—W. Knowles, Hearst Bldg., San Francisco.
NOTE.—The lot has been condemned by the city for a part of the Civic Center site for a War Memorial or Opera House building.

Plans Being Prepared.
WAREHOUSE. Cost, —
LOS ANGELES. L. A. Co., Cal., 2nd and Alameda Streets.
Two-story brick warehouse 80x243 ft.
Owner—S. M. Bernard.
Architect—Morgan, Walls & Morgan, Van Nuys Bldg., L. A.

Sub-contracts Awarded. Cost, \$75,000
MILK PLANT.
TRACY, San Joaquin Co., Cal.
Reinforced concrete and steel milk plant.
Owner—General Milk Co. of Cal.
Architect and Contractor—Wieland, Mazurette & Wieland, 1002 "H" St. Modesto.

Steel Sash to The U. S. Steel Products Co., San Francisco.
Metal Lath to General Fireproofing Co. Structural Steel to Union Construction Co., Oakland.
Pipe and Fittings to General Machinery Company.

Sub-figures Being Taken.
CREAM PLANT. Approx. \$100,000
NEWMAN, Stanislaus Co., Cal.
Two-story reinforced concrete and steel ice cream plant.
Owner—National Ice Cream Co.
Architect and Contractor—Wieland Mazurette & Wieland, 1002 "H" St., Modesto.

Contract Awarded.
WAREHOUSE. Cost, \$14,050
SACRAMENTO, Sacramento Co., Cal. N. St., 1330 R St.
Galvanized iron warehouse.
Owner—Perkins Grain Milling Co., 220 J St., Sacramento.
Architect—None.
Contractor—J. T. Randall, 1055 41st St., Sacramento.

Plans Completed.
WAREHOUSE. Cost, \$33,000
SAN FRANCISCO. N W 2nd and South Park Streets.
Three-story class C warehouse.
Owner—MacDonald & Kahn, 130 Montgomery Street.
Architect—S. Heiman, 57 Post St.
Contractors—Owners.

Contract Awarded.
ALTERATIONS. Cost, \$11,500
FRESNO, Kern and H Streets.
Alterations and repairs.
Owner—Zellerbach Paper Co., premises.
Contractor—Minard & Casteel, 319 Abbey St., Fresno.

To Be Done By Day's Work.
LOFT BUILDING. Cost \$50,000
SAN FRANCISCO. S California 59-2 W Kearny.
Four-story concrete loft bldg.
Owner—J. H. Hjul, 1342 Mission St.
Eng. Contractor—Owner.
Sub-figures will be taken shortly.

SALEM. Ore.—Oregon Pulp and Paper Co., commercial and Trade Sts., Salem, granted building permit to erect 4-story reinforced concrete industrial building, est. cost \$50,000. Van Patten and Son, contractors.

PORTERVILLE. Tulare Co., Cal.—Chamber of Commerce is conferring with San Francisco capitalists regarding the establishment of a creamery in this city. Cost to be in neighborhood

SAN MATEO. San Mateo Co., Cal.—McRoskey Mattress Co., 16th and Harrison Sts., conferring with the San Mateo Chamber of Commerce regarding the establishment of a factory for the manufacture of mattresses. Andrew Honerhan is sales manager of the San Mateo branch of the company.

HOQUIAM. Wash.—S. P. Mitchell, President of Mitchell Bldg. Co., Dayton, Ohio, has signed option for purchase of land in Lincoln street on which will be erected a factory for the manufacture of baskets, clothespins, broom and mop handles.

SEATTLE. Wash.—Architects Schack, Young & Myers, Lippy Bldg., complete plans and work will be done by labor on a three-story frame, 65 by 100 feet, heavy timber construction box factory for the Seattle Box Co., Fourth Avenue South and Spokane street. Construction involves 150,000 ft. of lumber; 90 cu. yds. concrete and a considerable amount of 8-in. tile, steel, etc. M. J. Nist is president of the Seattle Box Company.

PORTLAND. Ore.—Bingham & McClelland, 416 Worcester Bldg., have contract to erect a two-story reinforced concrete cold storage plant in East Portland Addition for National Cold Storage & Ice Co. Estimated cost, \$80,000.

POMONA. L. A. Co., Cal.—Hammi & Grant, Inc., 607 Ferguson Bldg., Los Angeles, have prepared plans and erected the first unit of a factory bldg. at Pomona for Teeter Adding Machine Co., 502 Pacific Finance Bldg., Los Angeles. Work will be started in a few days. Bldg. will be brick and steel with saw tooth rfg. constr., 100x300 ft., with a 2-story reinf. conc. office bldg., 35x100 ft. in a wing at the center.

HAYWARD. Alameda Co., Cal.—E. L. Macabee, manager for a local canning concern and chairman of the Cold Storage Committee of the Hayward Chamber of Commerce, announces that construction of a cold storage plant in this city is assured. The plant will be constructed either by the formation of a local stock company or by a corporation already established in Hayward.

SAN BERNARDINO. Cal.—E. G. Deckbaugh, 1717 Broadway, has a large plant to be used for storage purposes by the grape growers of Elwanda and Cucamonga districts. The first unit will accommodate 500 cars. The plant will be no reinf. conc., insulated and contain 8 storage rooms, 50x20 ft., and ice machinery capable of producing 35 to 40 tons ice daily. The proposed location is on the Santa Fe Ry., north of the city.

SAN FRANCISCO.—M. H. De Young of the S. F. Chronicle, has purchased the lot on the southwest corner of Mission and 5th streets and will probably erect a large building for the publishing plant of the Chronicle and the upper floors for a milliners exchange. Definite information can not be obtained at this time as to the effect of the ice plant in the East looking over plants and purchasing of new equipment.

WOODLAND, Yolo Co., Cal.—Harold von Tassel, county horticultural commissioner, is authority for the statement that a San Francisco paper concern is negotiating for a site in Yolo county near West Sacramento on which to erect a pulp paper mill. Surveys have already been made.

FLATS

Contract Awarded.

FLATS Cost, \$10,000
BERKELEY, Alameda Co., Cal., N Ward
50 W Telegraph Ave.
Two-story 8-room flats.
Owner—W. K. Scott, 3 West View Dr.
Oakland.
Contractor—F. W. Thaxter, 2117 Derby
St., Berkeley.

Contract Awarded.

FLATS Cost, \$12,500
SAN FRANCISCO, N Union St. Eough.
Two-story and basement frame (2)
flats.
Owner—M. Pirpo and E. Vago, premises.
Architect—L. Traverso, 531 Union St.
Contractor—M. Perino, 426 Columbus
Ave.

Contract Awarded.

FLATS Cost, \$16,000
OAKLAND, S W Orchard and McClure.
Two-story 16-room frame flats.
Owner—Dora C. Schneider.
Contractor—E. C. Graft, 355 12th St.,
Oakland.

Plans Complete

FLATS Cost, \$15,000
SAN FRANCISCO, N W Kirkham and
6th Avenue.
Two-story frame 4 flats.
Owner—F. Monson.
Architect—H. C. Baumann, 251 Kearny

Figures To Be Taken in a Week.

FLATS Cost, \$12,500
SAN FRANCISCO, Arguello Blvd. near
Sacramento.
Two-story frame flats (2 6-room).
Owner—Adolph Judell.
Architect—H. C. Baumann, 251 Kearny.

GARAGES

Contract Awarded.

GARAGE Cost, \$20,000
SAN FRANCISCO, adjoining present
plant on E 5th St. N of Harrison.
One-story reinforced concrete garage.
Owner—Amalgamated Laundries.
Architect—Chief engineer of owner.
Contractor—Barrett & Hilp, 918 Harri-
son Street.

Plans Being Prepared.

GARAGES Cost, \$20,000 each
SAN FRANCISCO, corner lots in vari-
ous portion of the city.
Five 1-story class C showrooms and
garages.
Owner—Withheld.
Architect—O'Brien Bros., 240 Montgom-
ery Street.

To Be Done By Day's Work.

ADDITION Cost,
LOS ANGELES, L. A. Co., Cal., S E
7th and Bixel Sts.
Three-story class "A" addition to gar.
Owner—W. W. Faden & W. C. Price.
Lessee—Don Lee, Cadillac agt.
Architect—Chas. M. Hutchinson, Securi-
ty building, Los Angeles.

Figures to Be Taken Next Week.

GARAGE Cost, \$54,000
SAN FRANCISCO, S Sacramento 91 W
Polk Street, 62-6X137-6.
Two and one-half-story and basement
reinforced concrete garage.
Owner—Louis R. Lurie, Mills Bldg., San
Francisco.
Architect—Arthur S. Bugbee, 26 Mont-
gomery street, San Francisco.

GOVERNMENT WORK AND SUPPLIES

Plans Being Figured—Bids Close Dec.
18, 1922, at 11 A. M.

HOSPITAL BLDG. Cost, \$2,000,000
LIVERMORE, Alameda Co., Cal. John-
son Ranch, 5 miles from Livermore.
Twenty-nine reinforced concrete and
frame hollow tile and terra cotta
hospital buildings (U. S. Veterans
Hospital).

Owner—U. S. Government.
Architect—Matthew O'Brien, 68 Post St.,
San Francisco.

Bids were received on the following
segregations:

- 1 General construction.
- 2 Heating, plumbing, ventilating,
water softening and filtering equip-
ment, vacuum cleaning system and gar-
age equipment.
- 3 Electric wiring and fixtures.
- 4 Laundry equipment.
- 5 Refrigerating plant.
- 6 Kitchen equipment.

Deposit of \$250 required on general,
heating and plumbing plans; \$50 on
others. Bids will be opened about De-
cember 18. Plans may be obtained
from the architect.

See call for bids under official pro-
posals.

Bids To Be Called For Next Week.

HOSPITAL BLDG. Cost, \$2,000,000
LIVERMORE, Alameda Co., Cal. John-
son Ranch, 5 miles from Livermore.
Thirty reinforced concrete and frame
hollow tile and terra cotta hospi-
tal buildings (U. S. Veterans Hospi-
tal).

Owner—U. S. Government.
Architect—Matthew O'Brien, 68 Post St.,
San Francisco.

Bids were received on the following
segregations:

- 1 General construction.
- 2 Heating and plumbing.
- 3 Electric wiring and fixtures.
- 4 Laundry equipment.
- 5 Refrigerating plant.
- 6 Kitchen equipment.

Deposit of \$250 required on general,
heating and plumbing plans; \$50 on
others. Bids will be opened about De-
cember 18. Plans may be obtained from
the architect.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, for fuel and del. materials to navy yards, the date for opening bids as noted at end of each paragraph:

Schedule 287, for Mare Island, 280 sq. ft. plate glass, Nov. 28.

Schedule 284, for Puget Sound, 26 gals clear lacquer, 3000 lbs. drop black, in oil, 1000 lbs. chrome green, 100 lbs. part lake, Nov. 28.

Schedule 285, for Puget Sound, 11 000 lbs. corr. soft sheet steel and 1000 lbs. soft sheet steel, N.Y., 28.

Schedule 289, for west coast navy yards, fuel oil for six months' period, Nov. 28.

Schedule 290, for west coast navy yards, gasoline and distillate for six months' period, Nov. 28.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, preparing specification No. 4750 for fuse detonator house to be erected at Puget Sound, Washington. Further mention will be made of this work when bids are asked.

WASHINGTON, D. C.—Until Dec. 1, 1922 a. m. bids will be received by Panama Canal Commission, under Circular No. 2282, for fuel and del. Ballboa (Pacific Port): Pipe fittings, screws, eye bolts, valves, grindstones, tallow putty, carlocks, leather belting, ship felt, varnish brushes, metal workers' crayons, silver polish, rubber cement, etc.

WASHINGTON, D. C.—Following bids received by Bureau of Yards and Docks, Navy Department, under Spec. 4734 for coaling plant and rebuilding quarter C at San Diego, Calif. J. D. Cornell, N. and O. City, Calif. \$1425; 15 days C. P. Rauch, National City, Calif. \$1425; 45 days. H. M. Willard, San Diego, Calif. \$1420; 45 days; Wright & Doran, San Diego, Calif. \$1695; 45 days; Campbell Building Co., Salt Lake City, Utah, \$1990; 50 days.

IT IS GOING UP! The most talked of Building in the country. Now under course of Erection at 330-10th Street, between Harrison and Folsom Streets, San Francisco, California.

Architects and Contractors should not fail to investigate while under construction.

IT IS A TRUSCON STANDARD INDUSTRIAL STEEL BUILDING

Over 10,000,000 Square Feet

now in use in the United States and is accepted by the Fire Under Writers and commands an extremely low rate of insurance and is fireproof from foundation to roof.

Foundation concrete—columns and framing members structural steel-sidings and roof all steel. Truscon Steel Sash and Doors throughout. 100 per cent Salvage.

Truscon Steel Company

527-539 TENTH STREET

SAN FRANCISCO, CALIF.

Charles Holloway, Jr., Branch Manager

Phones, Market 1080—Market 1081

WASHINGTON, D. C.—St. Louis Iron and wire Co., St. Louis, Mo., at \$3500 awarded contract by Supervising Architect, Treasury Department, for furnishing and installing, grilles, etc., in Veterans' Hospital, Palo Alto, Calif.

WASHINGTON, D. C.—The following bids were received Nov. 7 by the supervising architect, Treasury Department, Washington, for constructing extension to the post office at San Jose:

The contract was awarded to John Morton, 217 Balboa Bldg., San Francisco, at \$14,192.

George E. Wright, Inc. 1454 Monadnock Bldg., Chicago, \$15,690.

Universal Construction Co., 316 W. De Wald St., Fort Wayne, Ind., \$17,940.
The Johnson Construction Co., Fargo, N. D., \$18,680.

WASHINGTON, D. C.—Until Jan. 3 11 a. m., bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., to construct two rein. conc. piers, 18-ft. wide and 335-ft. long under Spec. 4687. See call for bids under official proposal section in this issue.

OAKLAND, Alameda Co., Cal.—Bids for a postoffice station with 30,000 square feet of floor space, near the Sixteenth street station of the Southern Pacific Company, have been asked for by Postmaster Joseph J. Roseborough, of Oakland.

Construction of the building, which will be leased by the government, will be commenced as soon as a suitable site can be secured. Authority for the new building was recently received by Roseborough from the treasury department.

SAN FRANCISCO—Until Nov. 28, 10 a. m., bids will be received by Quartermaster Supply Officer, Fort Mason, under Circular R. M. & P. 23-24, for fur. and del. 32,000 solid soft rubber stoppers; 50 gal. paint drier; 700 lbs. dry graphite; 2500 gals. kerosene oil; 700 bottles clock oil; 2000 gals. black acid proof paint; 1 1/2 gals. white enamel paint; 3265 gals. dark green graphite paint; 435 gals. bronze green ready mixed paint; 2500 gals. ready mixed dark gray paint; 50 gals. quick drying olive drab paint; 140 gals. stencil black, ready mixed; paint; 57 1/2 gals. ready stencil white paint; 2000 lbs. dry brown cold water paint; 6300 lbs. dry, red lead paint; 26,400 lbs. white lead in oil paint; 5190 lbs. white zinc paint; 650 lbs. putty; 1540 gals. paint and varnish remover; 2250 gals. turpentine; 765 gals. asphaltum varnish; 388 gals. Spar varnish; 300 lbs. white zinc, in oil, paint; 250 gals. cutting and swabbing compound; 450 lbs. cup grease; 1000 gals. boiled linseed oil; 400 gals. black, acid-proof paint; 4 lbs. wood paste filler; 61 gals. floor oil; 10 lbs. chrome yellow, dry, paint; 5 gals. white shellac varnish.

LONG BEACH, L. A. Co., Cal.—Arch. W. Horace Austin, 222 First Natl. Bank Bldg., Long, is taking bids for erecting the 4-story and basement newspaper and business bldg. on E Broadway near Pine Ave., Long Beach, for the Long Beach Press. Six stores in first story, remainder for newspaper offices and depts. and offices. Class A constr. conc. or steel, elevator, heating and ventilating, ice water system.

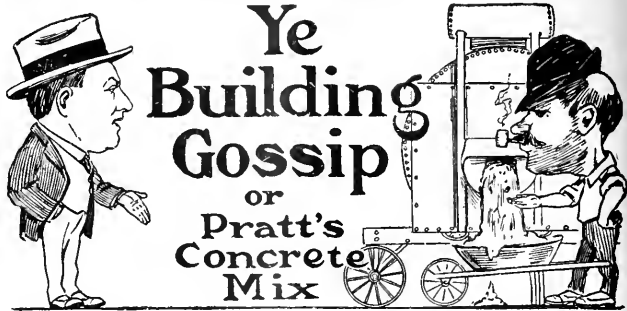
DENVER, Colo.—Until Nov. 27, 2 p. m., bids will be received by U. S. Reclamation Service, Denver, for furnishing cast iron gates, radial gates, and radial gate hoists, specifications No. 289-D, for the Grand Valley project, Colorado, involy. approx. 33,000 lbs. metal work. For further information address above.

PORTLAND, Ore.—St. Helens Shipbuilding Co., St. Helens, Ore., at \$12,383.20 awarded contract by U. S. Engineer Office to construct 2 wooden hull pile drivers. Other bids: Supple and Martin Shipbuilding Co., Linton, Ore., \$15,700; Commercial Iron Works, Portland, Ore., \$16,000.

HALLS AND SOCIETY BUILDINGS

Contract Awarded.

ARMORY, BERKELEY, Alameda Co., 1918 Addison Street. Cost, \$25,000.



Clarence Sand Pratt, President, Pratt Building Material Co., Hearst Bldg., San Francisco.

Dear Clarence—Statistics do not tell when the name Clarence commenced to be joked about on the stage and in the funny papers, but this sort of thing ought to be stopped and I might suggest a Clarence Anti-Defamation League, for all the Clarences I have known at least, have been "regular guys" including you and I hope, me.

Here's a date I want you to remember—November 11—to tell every blessed Clarence you possibly can, to remember it, for on that date an EVENT of great good fortune is scheduled that is going to mean a great deal to every man named CLARENCE!

For the good of the Clarence clan and yourself in particular I urge you to send a letter exactly like this to EVERY Clarence you possibly can—at least four or five as this is the only method we have of spreading the GOOD NEWS. Failure to comply with this request will cause you much unhappiness. I received my letter from Clarence Orr of San Francisco—whenever he may be.

Sincerely,

CLARENCE R. WARD.

THIS FELLOW Clarence Orr.

WHOEVER HE IS.

WROTE TO Clarence Sand Pratt.

OF THE Pratt Building Material Co.

DOUGLAS 300—"easy to remember."

AND IT looks like the society.

OF MUCH-ABUSED Clarences.

IS TO be formed.

ESPECIALLY WHEN an architect.

OF YOUR dignity and standing.

IS WILLING to help.

PUT DOWN the joshing.

THAT IS going on.

BUT MR. Ward.

WHY DON'T you change.

THE FIRST part of your name.

CLARENCE SAND Pratt is now known.

AS SANDY Pratt.

AND HENRY Engineer Brunner.

IS THE fellow.

WHO STARTED it.

AND AS dignified.

AS HE is.

THEY CALL him "Bru."

AND "HOME-BREW."

AND SOME material men.

CALL HIM terrible names.

WHEN HE rejects their stuff.

BUT THEY call me "Sandy."

AND IT advertises.

OUR FAST growing sand business.

SAY, CLARENCE.

WHY NOT call you "Archy."

FOR ARCHITECT.

IT WILL advertise you.

ALTHOUGH I know.

IT IS unprofessional.

FOR ARCHITECTS to advertise.

BUT WILLIS Polk does it.

AND HE is not in jail.

AND TELL me an architect.

WHO DOES not advertise.

WHEN HE tells his client.

AND HIS personal friends.

THAT HE built this building.

OR THAT school house.

OR THIS beautiful residence.

ANYWAY "CLARENCE" Sand Pratt.

IS GLAD.

THAT BRUNNIER started.

TO SAY "Sandy Pratt."

"I THANK you."



Some would call this person a house maid, but Sandy Pratt alias, Clarence Sand Pratt, producer of sharp, clean sand for plastering, brick, mortar, concrete, sand blasting, chicken grit, etc., would call her a "peach."

Two-story class C armory.
Owner—C. S. Booth, 375 Euclid Ave., Berkeley.
Contractor—S. A. Warner, 351 12th St., Oakland.

Plans Being Prepared.
LODGE BLDG. Cost, \$70,000.
LOS ANGELES, L. A. Co., Cal., 3rd St. and Oxford Blvd.
Two-story brick or hollow tile lodge building.
Owner—Wilshire Lodge, No. 445 E. & Alameda.
Architect—Robt. H. Orr, Corporation Bldg., L. A.

PORTLAND, Ore.—Bids will be asked shortly by Architect Edmund Berg-holtz, Spalding Bldg., Portland, to erect two story 100x100 ft. Zirk Temple at 3rd ave. and Columbia St. Will be of concrete, hollow tile and pressed steel and lumber.

LOS BANOS, Merced Co., Cal.—Local lodge of Masons has organized Los Banos Masonic Building Association for the purpose of erecting a \$50,000 lodge hall. Directors of the association are: J. E. Place, Harold Ostergaard and E. A. Wilson.

NAPA, Napa Co., Cal.—E. W. Doughty, Napa, at 1918 submits low bid to city council to remodel portions of city hall. Other bids: E. A. Younger, \$5260; Coffield and Arnitz, \$5125. Taken under advisement.

SEATTLE, Wash.—Architect John Graham, Smith Bldg., Seattle, is taking bids to construct St. Vincent's Home for the Aged and House of Providence to be erected on 10-acre tract in 25th avenue, southwest between West and Columbia and West Hudson streets. The building will be of brick and reinforced concrete, having extreme dimensions east and west of 276 feet and north and south, 294 feet.

PORTERVILLE, Tulare Co., Cal.—Following bids received by Porterville Elks Building Assn., to erect reinforced concrete and masonry lodge building from plans of Architect E. J. Kump, Rowell Bldg., Fresno. Contracts were awarded to the lowest bidders.

Contract No. 1 General
Templeton Bros., Porterville \$34,834.75 (awarded)
Martin Const. Co., Fresno..... 36,363.00
J. B. Hart, Fresno..... 36,454.00
Barkelaw & Gould, Tulare..... 37,000.00
Frederickson & Shannon, F..... 39,000.00
L. Cereghino & Son, Fresno..... 40,908.00

Contract No. 2 Brickwork
Spring & Marchan, Porterville \$6,538.30 (awarded)
Martin Const. Co., Fresno..... 6,750.00
L. Cereghino & Son, Fresno..... 6,775.00
Barkelaw & Gould, Tulare..... 7,125.00
J. M. Brown, Fresno..... 7,200.00
G. A. Adams, Fresno..... 7,350.00
Hock & Hoffmeyer, Fresno..... 7,520.00

Contract No. 3 Plumbing
Fred W. Stone, Porterville.....\$4,060.00 (awarded)
B. A. Newman Co., Fresno..... 4,644.00
Contract No. 4 Heating
Fred W. Stone, Porterville.....\$6,106.00 (awarded)
B. A. Newman Co., Fresno..... 6,623.00

Contract No. 5 Plastering
E. J. Regan, Porterville.....\$11,746.00 (awarded)

M. E. Summers, Fresno..... 12,050.00
Martin Const. Co., Fresno..... 12,090.00
Contract No. 6 Electric Work
Union Machinery Co., Porterville..... (awarded).....\$1,924.00

Electric Constr. Co., Fresno..... 1,950.00
A. R. Parsons, Porterville..... 2,887.30
Davis Electric Co., Fresno..... 2,500.00

Contract No. 7 Painting
Bonnell & Davis, Reedley.....\$2,800.00 (awarded)
J. E. Hershman, Fresno..... 3,250.00
V. A. Trewitt, Fresno..... 9,700.00

Contract No. 8 Hardware
Fresno Hardware Co., Fresno.....\$7,160.00 (awarded)

HOSPITALS

SAN JOSE, Santa Clara Co., Cal.—Until December 4, 11 A. M., bids will be received by Henry A. Pfister, County Clerk, for painting various buildings in the County Hospital. See call for bids under official proposal section in this issue.

SAN JOSE, Santa Clara Co., Cal.—R. O. Summers, 17 North First St., San Jose at \$2094 awarded contract by supervisors for alterations and additions to Santa Clara county hospital. Magna and Newell bid \$2790.

Samuel and Cody, 150 Jessie St., S. F., at \$93,390 awarded contract to construct new wing at county hospital. Other bidders: Dan H. Wagner, \$99,890; M. C. Vaughn, \$117,792; R. O. Summers, \$96,769; W. G. McEnty & Son, \$94,985; Jorgensen and Thony, \$103,973.

R. O. Summers at \$5524 awarded contract for additions and alterations at county hospital. Magna and Newell bid \$6055.

SAN JOSE, Santa Clara Co., Cal.—No bids received from 8 supervisors Nov. 13 for alterations and additions to aged woman's building at county hospital and bids ordered re-advertised to be opened Dec. 4, 11 a. m. at Hall of Representatives from County Clerk H. A. Pfister.

SAN JOSE, Santa Clara Co., Cal.—P. J. Enright, 2720 McAllister St., San Francisco at \$4994 awarded contract by supervisors to install heating system in new wing at county hospital. Other bids were: J. E. O'Mara Co., (1) \$1400; (2) \$1500; E. P. Studer, \$2690, \$1500; Scott Co., \$3395, \$1655; M. G. Moeningh \$3830, \$1779; Merritt and Farler, \$4291, \$1325.

HOTELS

Plans Being Figured.
ERECT TOWNSITE Cost—
TIA JUANA, Mexico, near Tia Juana, 455 acres.

Erect townsite, 11 miles of streets, sewer and lighting systems, hotel apt. houses, theatre, etc.
Owner—Zaragoza Inv. Co., 521 Union Bldg., San Diego.

Architect—M. A. Lyon, Room, 204-323 Kearny St., S. F., or 521 Union Bldg., San Diego.

There will be a 4-story hollow tile and mill constructed hotel cost \$420,000, a reinforced concrete theatre with 60 foot stage and a seating capacity of 1800.

The company has given 5 acres of land to the Red Cross which will erect their own buildings.

San Francisco firms wishing to submit bids for work or materials may see the plans and obtain other information at Mr. Lyon's office, who is acting as chief of construction.

LOS ANGELES, Cal.—Col. J. B. Lankershim, Lankershim Hotel, is planning the erection of a class A theatre and hotel on Grand Ave., bet. 6th and 7th Sts., for himself. The site is 14x161 ft. Sketches are being prepared by Archts. Russell & Alpaugh, 1106 Story Bldg., L. A., and estimates of cost will be prepared by Winter Constr. Co., 2141 Sacramento St., L. A.

POWER PLANTS

BEND, ORE.—Construction of an \$8,000,000 power plant at the Metolius power site on the Deschutes river, is planned by the Bend Water, Light and Power Co., to develop 120,000 h. p. sufficient to pump water for the irrigation of 85,000 acres in Jefferson county in addition to afford sufficient power for industrial use.

PUBLIC BUILDINGS

Working Drawings Being Prepared.
MEMORIAL HALL Cost \$250,000
HONOLULU, Hawaii, Waikiki Beach.

Reinforced concrete and terra cotta memorial (plaza coliseum, natatorium and temple of music).

Owner—Territory of Hawaii.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.

Plans will be ready for figures about January.

Contractors Revising Bids.

GRANDSTAND Cost Approx. \$50,000
TANAY, RACE TRACK, San Mateo County.

Steel frame and wood grandstand (5000 seats).

Owner—Pacific Coast Jockey Club, Howard Spreckels, Sec., 913 First National Bank Bldg., S. F.
Architect—G. A. Applegate, Claus Spreckels Bldg., S. F.

The contractors are revising their figures by omitting portions of the work as all bids ran over the estimate.

Plans Completed.
ALPHATHIUM Cost, \$40,000
SACRAMENTO, Sacramento Co., Cal., Fremont School.

Brick and concrete auditorium.
Owner—Sacramento Board of Education
Architect—Dean & Dean, City Library Bldg., Sacramento.

Contract Awarded.
EQUIPMENT Cost, \$71,943
SAN FRANCISCO, Larkin, McAllister, Hyde and Fulton.

Equipment for main stack room and new paper stack room for library.
Owner—Board of Trustees of Public Library and Reading Rooms.
Architect—Geo. W. Kelham, Sharon Building.

Contractor—Snead Co., 461 Market.

TRILLOCK, Stanislaus Co., Cal.—City Eng. Horace Hall and Architect G. N. Hildner, Turlock, have prepared preliminary plans for a municipal swimming pool, 40 by 80 ft. with a depth of from 2 to 8 ft., est. cost \$13,000, not including building, site and concrete. Estimated construction, fully equipped, would cost from \$15,000 to \$25,000, according to type of construction.

FRESNO, Fresno Co., Cal.—City council has abandoned the proposal to construct a \$32,000 municipal swimming pool in Roeding Park.

WENATCHEE, Wash.—The Salem County Commissioners appropriated \$45,000 in addition to \$150,000 already available, to finance construction of new courthouse, to total cost of which will be \$300,000. Balance of fund will be raised by bonds and construction started early in 1923.

VALLEJO, Solano Co., Cal.—Until Nov. 20, 7 p. m., bids will be rec. by S. A. Copper, president, Board of Library Trustees, for fur and laying linoleum in main floor of library. See call for bids under official proposal section in this issue.

RESIDENCES

Owner Taking Figures.
RESIDENCE & GAR. Cost, \$10,000
PIEDMONT, Alameda Co., Cal.

Two-story frame and stucco residence and garage.
Owner—W. H. Hynes, Bank of Italy Bldg., Oakland.

Architect—Miss Julia Morgan, Merchant's Exchange Bldg., S. F.

To Be Done By Day's Work.
DWELLING Cost \$3000 each
SAN FRANCISCO, E 45th Ave. N. Anza and 39th Ave., bet. Anza & Geary.
S 1-story and basement frame dwlg.
Owner—Myer Bros., 525 Geary.
Architect—H. C. Baumann, 251 Kearny.

Figures To Be Taken This Week.
RESIDENCE Cost, \$4000
SAN FRANCISCO, 22nd Ave. near Geary
Two-story frame residence 8 rooms.
Owner—Albert Levy.
Architect—H. C. Baumann, 251 Kearny.

Figures To Be Taken This Week.
RESIDENCES Cost—
SAN FRANCISCO, Fulton bet 12th and 13th Aves.
2 2-story and basement frame and plaster residences.
Owner—H. Callinane and H. W. Simpson.
Architect—H. C. Baumann, 251 Kearny.

Contract Awarded.
DWELLING & GAR. Cost, \$16,733
FRESNO, Lots 15 and 16 part of lot 17 St. Francis Wood

Dwelling and garage.
Owner—M. Brophy, 1415 N St., Fresno.
Architect—Coates & Traver, Rowell Bldg., Fresno.

Contractor—Shorrock & Neads, 627 McKinley Ave., Fresno.

To Be Done By Day's Work.
RESIDENCES. Cost, \$30,000
SAN FRANCISCO, W 45th Ave. 85 to
235 Anza.
Six 1-story and basement frame resi-
dences.
Owner—H. C. Keenan, 3775 California.

Contract Awarded.
Dwellings. Cost, \$3,000 each
FRESNO, 1800 Block N. Van Ness Ave.
Seven dwellings "bungalow court".
Owner—J. G. Channesian, Bank of Italy
Building Fresno.
Contractor—De Luxe Const. Co., Fresno

Contract Awarded.
RESIDENCE. Cost, \$15,000
FIDMONT, Alameda Co., Cal. No. 800
Highland Ave.
Two-story frame and plaster 10-room
residence.
Owner—W. H. Weeks, 369 Pine St., San
Francisco.
Architect—W. H. Weeks, 369 Pine St.,
San Francisco.
Contractor—Chas. Norman, 844 45th St.,
Oakland.

Figures Being Taken From a Selected
List of Contractors.
RESIDENCE. Cost, \$15,000
BURLINGAME, San Mateo Co., Cal.
Two-story and basement frame and
plaster residence.
Owner—Mrs. Silas D. Sinton, 420 Tur-
ner Terrace, San Mateo.
Architect—Albert Farr and J. F. Ward,
Fondroit Bldg., San Francisco.

Plans Being Prepared.
RES. & GAR. Cost, \$16,000
PERKLEY, Alameda Co., Cal. Clare-
mont District
Two-story and basement frame stucco
residence and garage.
Owner—Allen Babcock.
Architect—Meyer & Johnson, Bankers
Liv Bldg., N. E.

SCHOOLS

Plans Being Figured—Bids Close Nov.
18, 1922, 5 p. m.
SCHOOL. Cost, \$25,000
GERBER, Tehama Co., Cal. One story
frame 4 rm. and auditorium school.
Owner—Gerber Union High School Dist.
Architect—Geo. C. Sellon & Co., Mitau
Bldg., Sacramento.

Plans Being Figured.
SCHOOL. Cost, \$30,000
FORT BRAGG, Mendocino Co., Cal.
One-story frame and rustic 16-room
and auditorium school.
Owner—Fort Bragg School District.
Architect—Geo. C. Sellon & Co., Mitau
Bldg., Sacramento.

Bids are being taken for a general
contract, electrical work and plumbing,
sheet metal and heating.

Figures To Be Taken In Two Weeks.
ADDITION. Cost, \$100,000
OAKLAND, Cal. Perry and Grand Ave.
(Lakeview School)
Three-story steel and brick school ad-
dition.
Owner—City of Oakland.
Architect—C. W. Dickey & John J.
Donovan associated, Pacific Bldg.,
Oakland

Plans Being Completed.
SCHOOL BLDGS. Cost, \$35,000
WAUKENA, Tulare Co., Cal.
One-story brick, concrete and stucco
four-room auditorium, school (the
roof).
Owner—Waukena Union High School
District.
Architect—Ernest J. Kump Co. Rowell
Bldg., Fresno.

NOTE—Bond issue voted.

Plans Being Prepared.
BLDGs. Cost \$500,000 or more
SAN FRANCISCO, Blk. bd. by Buchanan,
Laguna, Ithight and Hedman
Streets.

Group of reinforced concrete and steel
class B college bldgs.
Owner—State of California.
Architect—Bernard Maybeck, Lick Bldg.
S. F., associated with Geo. B. Mc-
Donough, state architect, in design-
ing and planning the buildings.

Preliminary sketches have been pre-
pared. Only a portion of the fund is
available at present, and construction
will be governed accordingly.

Working Drawings Being Completed.
SCHOOL BLDG. Cost \$100,000
Complete building to cost \$100,000
OAKLAND, Alameda Co., Cal. Park Blvd
and Hopkins.
Reinforced concrete school building
(1st unit of Susan B. Anthony Jun-
ior High School).
Owner—Oakland Board of Education.
Architect—C. W. Dickey, 2149 Broad-
way, Oakland.

Contracts Awarded.
AUDITORIUM. Cost—
OAKLAND, Alameda Co., Cal. Webster
and 48th Streets (Mosswood Junior
High School).
Reinforced concrete auditorium.
Owner—City of Oakland.
Architect—C. W. Dickey, 2149 Broad-
way, Oakland.

General Work
Schuler & McDonald, 308 12th
St., Oakland. \$80,900

Lathing & Plastering
W. Makin, 351 12th St., Old. \$6,993

Painting
R. Zelinsky, 180 Jessie S. F. \$2,440

Heating and Ventilating
W. H. Picard, 5656 College Ave.,
Oakland. \$10,618

Plumbing Work
A. Feldhamer, 1004 Park
Alameda. \$3,094

Electrical Work
W. G. McGinty & Son, 351 12th
St., Oakland. \$13,110

Plans Approved—Bids Order'd.
ADDITION. Cost, \$92,000
OAKLAND, Cal. Perry and Grand Ave.
Dunovan associated, Pacific Bldg.,
Oakland.

Bids will be advertised for this work
and the work will be segregated as
follows: General work, lathing and
plastering, heating and ventilating,
plumbing and electrical work.

Working Drawings Being Prepared.
SCHOOL BLDG. Cost—
LOS ANGELES, L. A. Co., Cal. 1123 S.
Hill Street.

Four-story class A store and school
building 60x150.
Owner—Southwestern University.
Architect—Albert C. Martin, 430 Hig-
gins Bldg., L. A.

Plans Being Figured—Bids Close Dec.
7, 1922, 5 P. M.
AUDITORIUM, ETC. Cost, \$250,000
LODI, San Joaquin Co., Cal.
Two-story Science building; two-story
Auditorium and one-story Manual
Training buildings (brick, steel
and concrete Class C construction)
and construction of swimming tank
and alterations to present build-
ings. (All buildings have pressed
brick exterior).

Owner—Lodi Union High School Dist.
Arch—H. G. G. vbgkj
Architect—Wright & Saterlee and L. S.
Stone, Bank of Italy Bldg., Stock-
ton.

See call for bids under official pro-
positional section in this issue.

Bids Too High—Plans To Be Revised.
SCHOOL. Cost—
OAKLEY, Contra Costa Co., Cal.
Hollow tile and frame school.
Owner—Oakley School District, Lillian
Hall, Clerk, Oakley, Calif.
Architect—Narbetti and O'Brien, 906
Macdonald Ave., Richmond and Bacon
Bldg., Oakland, Calif.

Plans Completed.
ADDITION. Cost—
SAN FRANCISCO, Edison School,
Church and 22nd Sts.
Two-story frame addition to present
school.
Owner—City and County of S. F.
Architect—O'Brien Bros., 210 Montgom-
ery Street.

Plans Being Prepared.
SCHOOL. Cost, \$25,000
HOLLISTER, San Benito Co., Cal.
First unit of high school building
(frame and plaster construction or
hollow tile).
Owner—Hollister High School District.
Architect—W. H. Weeks, 369 Pine St.,
San Francisco.

Plans Being Figured—Bids Close Nov.
23, 1922.
ADDITION. Cost, \$60,000
FALLON, Nevada.
Two-story frame and stucco school ad-
dition, heating system etc.
Owner—Churchill County High School
District.
Architect—Woollett & Lamb, Hagel-
stein Bldg., Sacramento.

Plans Being Prepared.
ADDITION. Cost, —
SAN FRANCISCO, Sierra School.
Four-room brick and concrete addition
to school.
Owner—Sacramento Bd. of Education.
Architect—Dunbar & Dean, City Library
Bldg., Sacramento.

PETALUMA, Sonoma Co., Cal.—C. F.
Weber Co., 855 Market St., San Fran-
cisco, at \$1335 awarded contract by Bd.
of Education to furnish and install
Venetian blinds in Junior High School
contract for 200 desks awarded to
State Mfg. Co., Oakland at \$9.30
each. No action taken on bids for lin-
oleum. Bids for teachers' desks and
chairs rejected.

PORTERVILLE, Tulare Co., Cal. —
Following contracts awarded by Port-
erville Board of Education in connec-
tion with Porterville High School:
Stage furnishings to J. D. Martin Scenic
Co., Los Angeles, \$2100; electric fix-
tures to Porterville Electric Co., \$1655;
catered tables and equipment to Egan &
Co., Fresno, \$782; window shades to
A. J. Hunter, Porterville, \$602.

PETALUMA, Sonoma Co., Cal. — Mc-
Rorie-McLaren Co., San Francisco,
awarded contract by Board of Educa-
tion to lay out gardens and shrubbery
at new Junior High School, now being
completed.

FRESNO, Fresno Co., Cal.—Until Nov.
27, 5 p. m., bids will be received by L.
Smith, secretary Board of Education,
for furnishing lumber for the manual
training departments of the Junior
High Schools. See call for bids under
official proposal section in this issue.

SUSANVILLE, Lassen Co., Cal.—
Election to vote bonds of \$39,000 to
construct a building for the American
Legion failed to carry.

SAN FRANCISCO—On request of the
Board of Education, plans specifica-
tions and estimates of cost will be pre-
pared by the Board of Public Works
for the construction of an annex to the
Oriental school in Washington St., bet.
Stockton and Lowell. The annex will
be a reinforced concrete construction
and will be erected directly across the
street from the present structure.

VISALIA, Tulare Co., Cal.—Abandon-
ing estimates compiled by Architect
Harry Michael of Visalia, the Visalia
School Board has commissioned Archi-
tect Ernest J. Kump, Rowell Bldg.,
Fresno, to prepare plans for three new
school buildings for which \$112,000 is
available for construction.

SACRAMENTO, Cal.—Board of Edu-
cation will ask bids in the immediate
future for fur. and install. furniture
in new high school. Materials will in-
clude 800 students' desks; 10 teachers'
desks; 400 teachers' chairs; 400 stools;
450 opera chairs; 1000 folding chairs
and 400 tablet arm chairs.

SACRAMENTO, Cal. — Friend and
Terry Lumber Co., Sacramento, at \$1,
151.60 awarded contract by Board of
Education to furnish and deliver lum-
ber required by manual training de-
partments of schools.

A. E. Leitch Fred Clark

CLARK & LEITCH
ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

MONTEREY. Monterey Co., Cal. — **UNTIL NOV. 27** 7:30 p. m., bids will be received by A. C. Winston, clerk, Monterey School District, to complete the unfinished portion of the basement room in the new Monterey Grammar school, Paul V. Tuttle, architect, 565 Lighthouse Ave., Pacific Grove. Check 5%, payable to clerk required. Plans obtainable from architect.

FRESNO. Fresno Co., Cal. — **J. B. Hart, 945 San Pablo St., Fresno, at \$12,170, awarded contract to erect Transmutability Union High School.** Ernest J. Kump, architect, Rowell Bldg., Fresno. Other bidders were: Valley Constr. Co., \$15,579; Erwin & Hopkins, \$15,190; J. E. McDouglas, \$13,432; H. E. Angus & Son, \$13,374; Martin & Co., \$13,773; W. F. Jennings, \$12,897.

PORTLAND. Ore. — Architects Houghtaling & Dougan, Elks Temple, commissioned by the Board of Education to prepare plans for \$600,000 Washington high school.

EUREKA. Humboldt Co., Cal. — **H. L. Ackerman, Eureka, at \$22,856, submits low bid to Board of Education to construct shower room and gymnasium additions to high school.** Other bids: Mercer-Fraser Co., Eureka, \$25,250; Louis Halvorsen, Eureka, \$24,692; A. C. Johnson, Eureka, \$23,841. Taken under advisement. Frank T. Georgeson, architect, Eureka.

MERCED. Merced Co., Cal. — **Brown & Stafford, Madera, at \$30,956, submit low bid to Merced High School District to construct gymnasium building.** Other bids: E. F. Johnson, Merced, \$31,900; E. K. Angle, Dos Palos, \$31,500; John Morton, San Francisco, \$31,030; Jas. McLaughlin, San Francisco, \$32,500. Barcroft & Sons, Merced, submitted low bid for plumbing and electric work. Taken under advisement. Plans were prepared by W. B. Pedersen, Merced, and W. J. Wythe, of Oakland.

SAN LORENZO. Alameda Co., Cal. — **Bids were opened on November 13 by the Board of Trustees of the San Lorenzo School District for the construction of a one-story frame sixteen room and auditorium school building.** Form plans prepared by Architect Henry C. Smith, Humboldt Bldg., San Francisco. Bids were taken under advisement.

General Contract

	School	Gym.
Sorenson Bros., Hayw.	\$31,850	\$ 8,800
McGinty & Son, Okla.	32,475	11,105
Branaugh & Hudson	32,800	9,300
Monson Bros., S. F.	32,141	10,962
Collman & Spiedel, S. F.	38,942	12,152

Heating

	Thos. R. Catton, Berk.	2,309	444 50
Frank J. Edwards, \$2187	\$420	\$260	\$127
Jas. A. Nelson, S. F.	3000	690	228 110

MERCED. Merced Co., Cal. — **E. F. Jensen, 854 21st St., Merced, at approximately \$35,000, awarded contract by Merced High School District to construct high school gymnasium; accepted bid being for tile walls.** Barcroft & Sons, Merced, awarded contracts for plumbing and electric work and J. J. Jirsa for painting.

STORES AND OFFICES

To Be Done By Segregated Contracts—Work Started.
STORE BLDG. Cost, \$30,000
BERKELEY. Alameda Co., Cal., Shattuck Ave. and Durant Way.
 One-story reinforced concrete and brick store building.
 Owner—F. C. Turner.
 Architect—Miss Julia Morgan, Merchant's Exchange Bldg., San Francisco.
SUPT.—Connor & Conner, 1726 Grove St., Berkeley.

Preliminary Plans Prepared.
BUILDING. Cost, \$200,000
LOS ANGELES. L. A. Co., Cal.
 Four-story office building.
 Owner—Orikrit-Meyer Fur. Co.
 Architect—Alphonse Bischoff, Pacific Finance Bldg., L. A.

Contract Awarded.
ALTERATION. Cost, \$13,500
SAN FRANCISCO. 51-65 1st St.
 Alter and repair to 5-story and basement class C stores.
 Owner—Norris K. Davis and Mercantile Trust Co., Trustees.
 Architect—N. Haisfield, 255 California.
 Contractor—Matlock & Peasey, 251 Kearney Street.

Contract Awarded.
STORE BLDG. Cost, \$7628
FRESNO. Fresno Co., Cal. 1400 Block of Van Ness Avenue.
 One-story brick store building.
 Owner—O. J. Woodward Jr., 2440 Mariposa St., Fresno.
 Architect—E. Mathewson, Cory Bldg., Fresno.
 Contractor—Howard Dickey, 150 Howard St., Fresno.

Plans Completed.
STORE BLDG. Cost, \$5,000
SAN FRANCISCO. Clement St. and Twenty-third Ave.
 One-story frame store building.
 Owner—Ben Berry, 110 Sutter St., San Francisco.
 Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Contract Signed.
STORES. Cost, \$300,000
OAKLAND. Broadway bet. 15th and 16th Sts., Oakland.
 Three stories and basement reinforced concrete store and loft building 100x124.
 Owner—George Clark, lessee Roos Bros.
 Architect and Contractor—For owner, Wm. Knowlces, Hearst Bldg., San Francisco and Central Bank Bldg., Oakland.
 Architect—For lessee, S. Heiman, 57 Bond St., San Francisco.
 Structural Eng.—Edw. L. Soule, Rialto Bldg., San Francisco.
 Mechanical Eng.—Leland & Haley, Holbrook Bldg., San Francisco.
 Sub-contracts will be awarded shortly.

Plans Being Figured.
RESTAURANT BLDG. Cost, \$75,000
SAN FRANCISCO. N Ellis 171-17 W.
 Three-story reinforced concrete restaurant and loft bldg. 34x137-6.
 Owner—Walter H. Sullivan.
 Lessee—C. A. Compton.
 Architect—Leo J. Devlin, Pacific Bldg., San Francisco.
 Bids are being taken for a general contract.

Contract Awarded.
STORES & LOFT. Cost, \$15,000
SAN FRANCISCO. S Howard bet. 1st & 2nd Streets.
 Two-story class C stores and lofts.
 Owner—Andrew Dalziel, 555 Mission St.
 Architect—Willis Lowe, 782 Monadnock Building.
 Contractor—Peter Peterson, 782 Monadnock Building.

Plans Completed.
STORE. Cost, \$10,000
SAN FRANCISCO. W Grant Ave 87-6 N Push.
 One-story reinforced concrete store.
 Owner—R. J. O'Brien.
 Architect—Albert Burgren, 110 Sutter St.

Low Bidder.
STORE BLDG. Cost, \$8000
SAN FRANCISCO. Hayes and Ashbury Streets.
 One-story frame store building.
 Owner—Withheld.
 Architect—O'Brien Bros., 240 Montgomery St., San Francisco.
 Low Bidder—M. E. Greene, 180 Jessie.
Contract Awarded.
STORE. Cost—
SAN FRANCISCO. Natoma St., bet. 3rd and 4th Streets.
 One-story reinforced concrete store.
 Owner—Mrs. Carrie Hund.
 Contractor—Barrett & Hilp, 918 Harrison Street.

Contract Awarded.
REPAIR. Cost, \$15,000
SAN FRANCISCO. S W Golden Gate Av and Jones Street.
 Repair fire damage to stores and offices.
 Owner—Providence Securities Company Crocker Bldg.
 Contractor—Dihwiddie, Crocker Bldg.

Figures To Be Taken In A Few Days.
OFFICE BLDG. Cost, \$20,000
SAN FRANCISCO. Sacramento St., W of Montgomery.
 One-story and basement class C office building for insurance company.
 Owner—Hotaling Estate.
 Architect—O'Brien Bros., 240 Montgomery Street.

BUILDING. Cost, \$200,000
OAKLAND. Alameda Co., Cal. S 19th between Broadway and Franklin.
 Seven-story fireproof building.
 Owner—A corporation now being formed in which Geo. Ebe, of the Fulton Playhouse is interested.

Plans Being Figured.
OFFICE BLDG. Cost, \$175,000
CHICO. Butte Co., Cal., 3rd and Main St.
 Four-story class "C" bank and office building (60 offices).
 Owner—First National Bank of Chico.
 Architect—Chester Cole, Chico, Cal.

Working Drawings Being Prepared.
EXCHANGE BLDG. Cost, \$100,000
SAN FRANCISCO. N Bush St., bet. Kearny and Montgomery.
 Two-story reinforced concrete class "C" Exchange building.
 Owner—San Francisco Stock Exchange.
 Architect—J. R. Miller and T. L. Hlueger, Lick Bldg., S. F.

Ready to Take Segregated Bids November 14.
OFFICE BLDG. Cost—
SAN FRANCISCO. N W Mason & Derby, bet. Post and Geary.
 Seven-story and basement reinforced concrete office building 70x60.
 Owner—Spring Valley Water Co.
 Architect—Willis Polk & Co., Hobart Bldg., S. F.
 Excavating, foundation and concrete work; carpentry work, lathing and plastering, ornarn. iron work; roofing and sheet metal work, metal window sash, hollow tile partitions, vault doors, painting, glass and glazing, electrical work, plumbing, heating, tile floors, marble work, elevators, window shades, leather mats, mail chutes.

Steel Contract Awarded—Terra Cotta Bids Being Taken.
ADDITION. Cost, approx. \$800,000
SAN FRANCISCO. S E 6th and Market Streets (on the 6th St. side running to Stevenson).
 15-story class A addition to present office building.
 Owner—Western States Life Ins. Co., premises.
 Architect—Reid Bros., 105 Montgomery Street, San Francisco.
 Steel awarded to Dyer Bros. Other parts of the work will be figured about February 1st as the leases do not expire until March 1st.

Commissioned to Prepare Plans.
OFFICE BLDG. Cost—
LOS ANGELES. L. A. Co., Cal. N E 8th and Spring Streets.
 12-story and basement class A office building.
 Owner—Joe Topitzky, H. W. Hellman Bldg., L. A.
 Architect—Loy L. Smith, Higgins Bldg., Los Angeles.

Excavating Bids Being Taken.
OFFICE BLDG. Cost, \$165,000
OAKLAND. Alameda Co., Cal., N 17th between Broadway and Franklin.
 Seven-story and basement reinforced concrete store and office building (terra cotta or press brick facing).
 Owner—California Corporation, being formed in which Geo. Ebe, of the Fulton Playhouse is interested.
 Architect—Chas. W. McCall, Central Bk Bldg., Oakland.

NOTF—Plans for the general contract will be ready for bids in about 3 weeks.

A Market and apartment building is to be erected on Market street near Gough. For further particulars see apartments.

THEATRES

SAN FRANCISCO. Cal. — **John Steven McGroarty, author of the Mission Play, is in this city looking for a site on which to erect an adobe theatre to house the famous Mission Play.** It will be a duplicate of the theatre in San Gabriel, which cost \$500,000.

Official Proposals

NOTICE TO PAINTERS

(Santa Clara County Hospital Bldg.)

Notice is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, in their rooms in the Court House, in San Jose, up to 11 o'clock a. m. of Monday, December 4, 1922, for painting the following buildings at County Hospital, infirmary road, in accordance with specifications on file in said work, as follows: Main building, Superintendent's residence, Tuberculosis Pavilion, Water Tanks and Tower. Bidders must submit separate bids for each building.

Each bid must be accompanied by a certified check in the sum of 10 per cent of amount bid, drawn upon some reliable bank in favor of Henry A. Attest, County Clerk, as liquidated damages in case the successful bidder fails to file a satisfactory bond as required by the specifications within five days for the faithful performance of the conditions of the contract.

The board reserves the right to reject any and all bids.

Such bids must be addressed to John Roll, chairman of the Board of Supervisors of Santa Clara County, and endorsed Bids for Painting, All in One Bid, Superintendent's residence, Tuberculosis Pavilion and Water Tank and Tower.

By order of the Board of Supervisors of Santa Clara County, California, Attest, HENRY A. PRIDDLE, Clerk.
By Eugene M. Don, Deputy Clerk

BIDS WANTED FOR SCHOOL BUILDINGS

(Brick, Steel and Concrete Class "C" Construction. Estimated Cost \$250,000)

NOTICE TO BIDDERS ON THE LODI UNION HIGH SCHOOL BLDG., LODI, CALIFORNIA

Notice is hereby given, by the High School Board of Trustees of the Lodi Union High School District that sealed bids will be received at the High School Building, in said town of Lodi, County of San Joaquin, State of California, up to the hour of Five o'clock (5 p. m.) on the 7th day of December, 1922, at which time all bids will be publicly opened. Said bids to be for the furnishing of labor and material and erecting of a Two story Science Building, an Auditorium Building, a shop or Manual Training Building, a swimming tank, and making alterations to the present buildings, all of which buildings constitute a group of buildings, known as The Lodi Union High School, located in the City of Lodi, County of San Joaquin, State of California.

Bids shall be for: Division (1) One—General Contract. Division (2) Two—Heating and Ventilating.

Division (3) Three—Electric Clocks and Program System.

And shall include work according to plans and specifications which may be obtained at the office of Wright & Satterlee, and L. S. Stone, Architects, for the Board of Trustees of the Lodi Union High School, during business hours.

All bids must be accompanied by a certified check or certificate of deposit for Ten (10) per cent of the amount of bid tendered, made payable to Perry Clark, Clerk of the High School board, and conditions that successful bidder and each division shall enter into a contract in accordance with said bid and file with said High School Board, two (2) approved bonds within 2 days after the acceptance of his bid, one of which shall be for 50% of the contract price and shall be conditioned for the faithful fulfillment of the contract, and the other to be done thereunder, and one for Fifty (50%) per cent of the contract price for the protection of all persons performing labor or furnishing materials for the construction of said buildings

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

In case the said contractor shall fail to execute the bonds above mentioned which are acceptable to the Board within the said six days, due notice having been given him, then shall the contractor forfeit all claim to the said amount, said certified check for Ten (10) per cent of his bid and it shall become the property of the Lodi Union High School District.

All bids must be submitted upon forms obtained from the Architects.

Contractors must make a deposit of Fifteen (\$15.00) Dollars with the Architects when taking plans and specifications from the office.

The Board reserves the right to reject any or all bids.

By order of the High School Board.
W. S. MONTGOMERY, Pres.
FRED PERROT, Secy.
GEO. BECKMAN
J. E. NELSON

PERRY O. CLARK, Clerk.
As and constituting the Lodi High School Board of Lodi Union High School

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed bids will be received by the undersigned on November 29th, 1922, for constructing portions of the State Highway system as follows:

(1) Bids received until, and opened at 1:30 p. m. for grading and construction of culverts in Lincoln County, between Pierceville and Stone House.

(2) Bids received until, and opened at 2:30 p. m. for grading, construction of culverts and placing gravel surface in Eureka County between Hay Ranch and Eureka.

Plans may be examined and form of Proposal, Contract and Specifications secured at the office of the undersigned. May also be examined at the County Clerk's office in Pioche for Lincoln County work, and in Eureka for Eureka county work. May also be examined at the Division Engineer's office in Las Vegas, Elko or Reno, and District office of Bureau of Public Roads, Mills Building, San Francisco, California. Cash deposit of Fifteen Dollars (\$15.00) with the undersigned required for copy of plans which will be refunded on their return in good condition. Bids must be in form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety

Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said Specifications, conditions for the faithful performance of the provisions of the contract and specifications.

Work need not commence until Spring of 1923, when work shall be commenced within fifteen (15) days after notice to commence work is sent to the contractor by the State Highway Engineer.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

NOTICE TO LUMBER COMPANIES

Pursuant to an order of the Board of Education, duly made and entered in its minutes this 8th day of November, 1922, the Board hereby instructs the Secretary to advertise for and accept bids on the following lumber to be used in the manual training classes of the Junior High Schools:

1000 ft. 1x12 Sugar Pine Clear S2S and S2E.

3000 bd. ft. 3-in. White or Sugar Pine Clear—width 8 to 12 in.—S2S and S2E.

1500 bd. ft. 7-in. Sugar Pine Clear—width 8 to 12 in.—S2S and S2E.

1000 bd. ft. 1-in. Sugar Pine Clear—width 8 to 12 in.—S2S and S2E.

Above f. o. b. school yards.

All the above lumber to be thoroughly dried.

All bids must be in the hands of the Secretary by 5 p. m. November 27, 1922, at 2535 Tuolumne St., Fresno, Calif.

The Board reserves the right to reject any and all bids.

By order of the Board of Education.
L. L. SMITH, Secretary.

BIDS WANTED FOR PEARL HARBOR PIERS

PIERS—Sealed proposals, indorsed "Proposals for piers Pearl Harbor, Hawaii, Specification No. 4657," will be received at the bureau of yards and docks, Navy Department, Washington, until 11 o'clock a. m. January 3, 1923, and then there publicly opened for two reinforced concrete piers 15 feet wide by 33 feet long. The work will include dredging and filling, precast reinforced concrete piles, composite piles, reinforced concrete deck, timber and creosoted timber pile fender system and creosoted timber pile dolphins. Provision is made for the consideration of bids based on an alternative location. Drawings and specification No. 4657 may be obtained on application to the bureau or to the commandant, navy yard, Mare Island, Calif., or to the commandant, naval operating base, Pearl Harbor, Hawaii. Deposit of a check or postal money order for \$10, payable to the chief of the bureau of yards and docks, is required as security for the return of the drawings and specification. E. E. Bakenhus, acting chief of bureau, October 14, 1922.

NOTICE TO CONTRACTORS

(State Reclamation Board)

Sealed bids will be received and opened by the Reclamation Board of the State of California, at its meeting room, 517-519 Forum Building, Sacramento, California, on Thursday, November 23, 1922 at the hour of 10 o'clock a. m., for approximately 20 million dollars worth of financing through state warrants bearing 7% interest, and construction work on the Sutter and Tisdale By-Pass Levees of Reclamation District No. 1660.

Full information and specifications can be obtained by communicating with the State Reclamation Board, 519 Forum Building, Sacramento, California.

QUANTITY SURVEYOR

and Valuation Engineer
Buildings and Engineering Works

ARTHUR PRIDDLE

692 Mission Street, at Third St.
San Francisco, Calif.

Telephone Douglas 8-4-9-3

NOTICE TO CONTRACTORS

(Adin-Adin Summit National Forest Highway)

Sealed proposals for constructing the above-named National Forest Highway, located partly within the Modoc National Forest, Modoc County, State of California, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 881 Mills Building, San Francisco, California, until 2 o'clock p. m., on November 25, 1922, at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids, and none will be considered except from contractors ascertained to be experienced and responsible. The project is located about 28 miles southwest of Alturas and the length to be constructed is approximately 10.9 miles. The principal items of work are approximately as follows:

Clearing and grubbing, 269 stations.
Excavation, rock, 5750 cu. yds.
Excavation, common, 55,550 cu. yds.
Overhaul, 63,200 yd. sta.
Class "A" concrete, 103 cu. yds.
Class "B" concrete, 218 cu. yds.
Class "C" concrete, 122 cu. yds.
Reinforcing steel, 56,550 lbs.
Corrugated steel pipe, 15-in. to 24-in. 1750 lin. ft.

The work embraced in this contract shall be started within fifteen days after notice so to start has been given the contractor by the District Engineer, which notice will not be given until weather conditions render it practicable to prosecute the work to advantage in the Spring of 1923, and shall be completed within 125 weather working days after said notice has been given.

The contract form and the maps, plans, specifications and estimate of quantities may be examined by responsible contractors at the following addresses:

881 Mills Building, San Francisco, Cal.
Office of Forest Supervisor, Alturas, California.

California Highway Commission, 501 Forum Bldg., Sacramento, Cal.

The Bureau of Public Roads will furnish Corrugated Metal Pipe and pipe culverts. The Bureau also has available for loan to contractors on a rental basis equipment as listed in the proposal sheets. Bidder will state in his bid the amount of Government equipment that he will use during construction and the minimum rental period thereof. The estimated rentals will be deducted from the total of the construction items and award will be made on bid to best advantage to the Government.

Plans and specifications will be furnished contractors who contemplate bidding upon deposit of a certified check for \$10.00 payable to the Secretary of Agriculture of the United States. Check will be held, pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance

with the instructions forming a part of the specifications above referred to.
C. H. SWEETSEI,
District Engineer.

BIDS WANTED FOR KITCHEN EQUIPMENT FOR U. S. HOSPITAL

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Director, U. S. Veterans' Bureau, Arlington Building, Washington, D. C., until 11 o'clock a. m., December 18, 1922, and then and there publicly opened, for the complete Kitchen Equipment work of the U. S. Veterans' Hospital at Livermore, Calif. Drawings and specifications may be obtained upon application to the office of Matthew O'Brien, Architect, No. 68 Post Street, San Francisco, California. Deposit of a certified check or postal money order for \$50, payable to Matthew O'Brien is required as security for the safe return of the drawings and specifications. C. R. Forbes, Director, U. S. Veterans' Bureau, November 18, 1922.

BIDS WANTED FOR LAUNDRY EQUIPMENT FOR U. S. HOSPITAL

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Director, U. S. Veterans' Bureau, Arlington Building, Washington, D. C., until 11 o'clock a. m., December 18, 1922, and then and there publicly opened, for the complete Laundry Equipment work of the U. S. Veterans' Hospital at Livermore, Calif. Drawings and specifications may be obtained upon application to the office of Matthew O'Brien, Architect, No. 68 Post Street, San Francisco, California. Deposit of a certified check or postal money order for \$50, payable to Matthew O'Brien, is required as security for the safe return of the drawings and specifications. C. R. Forbes, Director, U. S. Veterans' Bureau, November 18, 1922.

BIDS WANTED FOR GENERAL CONSTRUCTION OF U. S. HOSPITAL

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Director, U. S. Veterans' Bureau, Arlington Building, Washington, D. C., until 11 o'clock a. m., December 18, 1922, and then and there publicly opened, for the construction (exclusive of mechanical equipment), of 29 reinforced concrete buildings of the U. S. Veterans' Hospital at Livermore, Cal. Drawings and specifications may be obtained upon application to the office of Matthew O'Brien, Architect, No. 68 Post Street, San Francisco, California. Deposit of a certified check or postal money order for \$250, payable to Matthew O'Brien, is required as security for the safe return of the drawings and specifications. C. R. Forbes, Director, U. S. Veterans' Bureau, November 18, 1922.

BIDS WANTED FOR PLUMBING, HEATING, ETC., FOR U. S. HOSPITAL

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Director, U. S. Veterans' Bureau, Arlington Building, Washington, D. C., until 11 o'clock a. m., December 18, 1922, and then and there publicly opened, for the complete Plumbing, Heating, Ventilating, Water Softening and Filtering Equipment, Vacuum Cleaning System and Garage Equipment work of 29 reinforced concrete buildings of the U. S. Veterans' Hospital at Livermore, Calif. Drawings and specifications may be obtained upon application to the office of Matthew O'Brien, Architect, No. 68 Post Street, San Francisco, California. Deposit of a certified check or postal money order for \$250, payable to Matthew O'Brien, is required as security for the safe return of the drawings and specifications. C. R. Forbes, Director, U. S. Veterans' Bureau, November 18, 1922.

BIDS WANTED FOR ELECTRICAL WORK FOR U. S. HOSPITAL

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Director, U. S. Veterans' Bureau, Arlington Building, Washington, D. C., until 11 o'clock a. m., December 18, 1922, and then and there publicly opened, for the complete electrical work of 29 reinforced concrete buildings of the U. S. Veterans' Hospital at Livermore, Calif. Drawings and specifications may be obtained upon application to the office of Matthew O'Brien, Architect, No. 68 Post Street, San Francisco, California. Deposit of a certified check or postal money order for \$250, payable to Matthew O'Brien, is required as security for the safe return of the drawings and specifications. C. R. Forbes, Director, U. S. Veterans' Bureau, November 18, 1922.

BIDS WANTED FOR REFRIGERATING PLANT WORK FOR U. S. HOSPITAL

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Director, U. S. Veterans' Bureau, Arlington Building, Washington, D. C., until 11 o'clock a. m., December 18, 1922, and then and there publicly opened, for the complete Refrigerating Plant work of the U. S. Veterans' Hospital at Livermore, Calif. Drawings and specifications may be obtained upon application to the office of Matthew O'Brien, Architect, No. 68 Post Street, San Francisco, California. Deposit of a certified check or postal money order for \$50, payable to Matthew O'Brien, is required as security for the safe return of the drawings and specifications. C. R. Forbes, Director, U. S. Veterans' Bureau, November 18, 1922.

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BRIDGES, DAMS & HARBOR WORK

STOCKTON, San Joaquin Co., Cal.—Jenkins and Elton, 36th and Y Sts. Sacramento, at \$450 awarded contract by supervisors to const. trestle near Wood-bridge.

STOCKTON, San Joaquin Co., Cal.—Until Dec. 5, bids will be received by Eugene Graham, county clerk, to re-floor McMillen Lake bridge on Durham Ferry road; est. cost \$1720; also for re-flooring Bailey Ferry bridge over Stanislaus river; est. cost \$3000 and to construct a new bridge over Bear Creek on Jacob Harris, Jr., road, est. cost, \$1260.

MADERA, Madera Co., Cal.—Following bids taken under advisement by supervisors to const. timber and re-inconc. bridge over Berenda slough; Ed. Layne, Chowchilla, \$5300, wood and \$6300, concrete piers. R. C. Brown, Chowchilla, \$5400 wood and \$7300 conc. piers. J. O. Rue, county surv.

SALEM, Ore.—Graham Steel, 104 Northwestern Bank Bldg., Portland, filed application with state Eng. Percy A. Cupper for permit to const. a reservoir in the channel of Big Marsh creek tributary to east fork of Deschutes river, to store 80,000 acre ft. of water for irrigation purposes.

MADERA, Madera Co., Cal.—Supervisors will construct 2 bridges on the Pacheco Pass road and bids will be asked in January. Agreement reached by county supervisors to construct the bridges with the State Highway Commission who will shortly ask bids to const. that part of the Pacheco Pass road from Califa, on the state highway, north of Fairmead to the Santa Rita bridge, about 26 miles.

SONOMA COUNTY, Calif.—Until Dec. 11, 2 p. m., bids will be received by State Highway Commission, Forum Bldg., Sacramento, to construct bridge in Sonoma county over N. W. Pacific Railroad near Lytton, consisting of 3 22-ft. reinf. conc. girder spans, with necessary bents, abutments and wing walls. Austin B. Fletcher, State Highway Eng. See call for bids under official proposal section in this issue.

PLYMOUTH, Cal.—P. B. Engh, Pac. Elec. Bldg., Los Angeles, submitted low bid to Palo Verde Joint Levee Dist., at 18c cu. yd. to construct levee works along the Colorado river, work to be done principally with dredges. Chas. Thompson & Bros., Clark Hotel, Los Angeles, submitted low bid at 25c cu. yd. for channel correction with 2000 cu. yd. to be awarded about Nov. 20. C. K. Clarke, chief engr.

STOCKTON, San Joaquin Co., Cal.—County Surv. F. E. Quinn authorized to construct protecting walls along the Calaveras river near Bellota to protect the adjoining lands from flood waters, the cost of the work not to exceed \$2500.

VENTURA, Cal.—Mercereau Bridge & Constr. Co., 313 N. E. 22, awarded contract by supervisors at \$6670 for flooring the Piru and Santa Paula bridges. G. H. Jordan, box 11, Ventura, awarded contract at \$2185 to construct conc. bridge in Wheeler canyon.

Petre Constr. Co. awarded contract at \$2605 to construct the Wilcy canyon culvert.

County Engr. Chas. W. Petit ordered by supervisors to prepare plans for a bridge in Long Canyon on the Stockton Road.

ALAMEDA, Cal. Bids received for the purchase of the Liberty Shipyard, have been rejected and new bids will

be asked. Thos. Baird, Pacific Coast Manager for the U. S. Shipping Board, announces he will not recommend the acceptance of a bid less than \$500,000. The highest bid offered was \$405,000.

SANTA ROSA, Sonoma Co., Cal.—County supervisors petitioned to construct new bridge over Sonoma creek on Nordwell ave., connecting Sonoma Vista and Boyes Springs.

SACRAMENTO, Cal.—Until Nov. 23, 10 a. m., bids will be received by State Reclamation Board for construction work on the Sutter and Tisdale By-Pass Levees of Reclamation District No. 1660. See call for bids under official proposal section in this issue.

OROVILLE, Butte Co., Cal.—Supervisors petitioned to const. new bridge near the mouth of Chico creek. R. referred to county surv. Harry H. Hume.

IRRIGATION PROJECTS

MERCED, Merced Co., Cal.—Until December 5, 11 a. m., bids will be received by W. D. Wagner, Secretary, Merced Irrigation District, for drilling and lining of not more than 30 wells; bidder to state number of wells he will drill in specified time and number of rigs he will employ, although the minimum number of wells bid on shall be not less than 15. Specifications may be had from the Secretary on deposit of \$5, or may be seen at office of Building and Engineering News, 560 Mission St., San Francisco.

MERCED, Merced Co., Cal.—Until Dec. 5, 11 a. m., bids will be received by W. D. Wagner, secretary Merced Irrigation District for fur. f. o. b. factory 2 pumps direct connected to two electrical motors with motor control equipment for Booster Plant No. 2 of the Lake Yosemite-LeGrand Highline canal. Pumps shall be so designed as to be able to discharge successfully and continuously 12 cu. ft. of water per second and 3 cu. ft. of water per second, respectively, against a total head of 27-ft. Motors shall have a rating of 110 volts, 60 cycles and 3-phase. Cert. check 5% required with each bid. Spec. may be had from secretary on deposit of \$5. R. C. Starr, ch. eng. for district.

Spec. on file in office of Building & Engineering News, 560 Mission St., San Francisco.

MERCED, Merced Co., Cal.—Until Dec. 5, 11 a. m., bids will be received by W. D. Wagner, secretary Merced Irrigation District for fur. f. o. b. factory, 2 pumps direct connected to two elec-

tric motors with motor control equipment for Booster Plant No. 3 of the Lake Yosemite-Le Grand Highline Canal. Pumps shall be so designed as to be able to discharge successfully and continuously 10½ cu. ft. of water per second and 4½ cu. ft. of water per second, respectively, against a total head of 20.3 ft. Motors shall each have a rating of 440 volts, 60 cycles and 3-phase. Cert. check 5% required with each bid. Spec. may be had from secretary on deposit of \$5. R. C. Starr, ch. eng. for district.

Spec. on file in office of Building & Engineering News, 560 Mission St., San Francisco.

SALEM, Ore.—The Deschutes County Municipal Improvement District of Tualuma, Ore., has applied to State Eng. Percy A. Cupper, for permit to divert 250-second ft. of water from the Deschutes river, to irrigate 15,350 acres. Construction in this district commenced in August, includes a concrete dam with five headgates, three steel gates, wastewater, a metal flume, siphon, reservoir with five miles long, an ditches. Total cost \$550,000.

OROVILLE, Butte Co., Cal.—Oroville-Wyandotte Irrigation District votes bonds of \$2,000,000 to construct irrigation canals and purchase the right-of-ways of the South Feather Land and Water Co. and the Palermo Land and Water Co. According to plans prepared by Eng. S. J. Norris, 401 Lincoln St., Oroville, the issue will provide for the consolidation of all water rights and holdings on the South Feather River by the purchase of the South Feather and Palermo systems; construction of an impounding reservoir at New York Flat near Challenge, with a capacity of 44,000 acre ft. Construction of a regulating dam at Lost Lake with a storage capacity of 5000 acre ft. Construction of a regulating reservoir east of Palermo. Ultimate construction of a dam at Little Grass Valley creating a reservoir with 109,000 acre ft. capacity. The district with lands now in and petitioning to come comprises 24,200 acres. Water developments will provide for 50,000 acres.

ORLAND, Glenn Co., Cal.—Three plans for enlargement and increased water supply for the Orland Irrigation District are outlined in a report submitted to the Orland Water Users' Association by Eng. L. C. E. Weber. Briefly, the three plans are:

Plan No. 1—Providing for the creation of the Mills division, which would irrigate 25,000 acres at an estimated cost of \$150 per acre. Water would be secured from the proposed Millsite reservoir.

Plan No. 2—Providing for an extension of the present project to cover 19,500 additional acres. The water would be secured from the proposed Millsite reservoir and would be applied to the present project as well as the proposed extension. Estimated cost, \$150 per acre.

Plan No. 3—Same as Plan No. 2, except it would provide for an extension to include 5000 acres more than No. 2. Estimated cost, \$110 per acre to the association.

No action is expected by the Association until the February, 1923, meeting.

SACRAMENTO, Calif.—Bids to const. the east and west levees of Reclamation District No. 1660, Sutter county, will be asked by the State Reclamation Board, Forum Bldg., Sacramento, within the next ten days. The work will involve an expenditure of approximately \$1,500,000.

TURLOCK, Stanislaus Co., Cal.—L. E. Neil, auditor, Turlock Irrigation District desires to secure catalogs and price lists on various kinds of iron and fence metal, such as is used on top of power houses and as bridge railings, etc. Address all communications to L. E. Neil, Auditor, Turlock Irrigation District, Turlock.

Engineers and Contractors PLEASE NOTE

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SAN JOSE. Santa Clara Co., Cal.—San Jose Paving Co., awarded contract by council to improve William St., from 13th to pt. 8 ft. west; grading, paving with 3-in. bit. conc. base with 1½-in. Warrenite-Bit. surface; conc. curb gutters, walks; 1 br. catchbasin; 8-in. vit pipe drains.

STOCKTON, San Joaquin Co., Cal.—Until Dec. 5, bids will be rec. by Eugene Graham, county clerk, to improve portion of Brian and Wood's Ferry roads and the extension of the Victor highway. Est. cost, \$22,182. Bids also ordered to improve 3.05 miles of road in Pescadero Colony; est. cost, \$14,897. F. E. Quail, county surv.

STOCKTON, San Joaquin Co., Cal.—Irey and Holden, Lodi, awarded contract, at \$10,086 to improve E. J. Mettler road in 5th Supervisor's District.

FRESNO, Fresno Co., Cal.—Until Nov. 18, 10 a. m., bids will be received by J. M. Burnham, county clerk, for work in R. J. Dist. Imp. No. 3, involving: 6900 cu. yds. excavation; 60,820 sq. ft. 3 1/2-in. conc. sidewalk, incl. grading; 2,400 lin. ft. 6-in. conc. curb; 1000 cu. yds. grading. Cert. check, 10% payable to county required. Plans obtainable from Chris P. Jensen, county surveyor, Cory Bldg., Fresno.

SANTA ANA, Cal.—Wells & Bressler, 4011 Bink Bldg., Santa Ana, submitted low bid to supervisors at \$26 sq. ft. to pave East Chapman Ave., including 28,700 sq. ft. cem. conc. pavement.

Steele Finley, Santa Ana submitted low bid to improve Laguna Blvd. from Irvine Station station, approx. 1 mi. Alternate figures were submitted as follows: 15c sq. ft. 3-in. asph. conc. making a total of \$14,160 and 16 1/2c sq. ft. 3-in. Willite, making a total of \$15,576.

ONTARIO, Cal.—City Council has received petition asking for conc. paving and curbs on Mountain Ave., bet. A St. and north city limits, approx. 2 mi.

SEATTLE, Wash.—Florito Bros., 3550 4th avenue northwest, Seattle, at \$112,200, submits to bid to Board of Public Works to pave Alki Ave. Engineer's estimate, \$119,821.

FRESNO, Fresno Co., Cal.—Frederickson & Shannon, Cory Bldg., Fresno, awarded contract by council to improve Los Angeles Ave., bet. Broadway and S. P. right-of-way; grading, \$635 sq. ft.; 6-in. conc. pavement, \$265 sq. ft.; c. conc. curb, \$70 lin. ft.

FRENO, Fresno Co., Cal.—City Council, R. Y. St. George, clerk, declares intention to improve M. St. bet. Merced and 4th in conjunction with San Pablo Ave. and San Pablo Ave. from its junction with M. St. to Divisadero St., by grading; conc. curbs, gutters and walks; conc. culverts, paving with 4-in. asph. conc. base with 1 1/2-in. Warrentite-Bit. Surf. Co., 1911 Art. Protests Dec. 7. Wm. Stranahan, city eng.

WASHINGTON, D. C.—Bids received by Bureau of Yards and Docks, Navy Department, for dredging at Puget Sound, Washington, under Spec. 4708 have been rejected.

SANTA ANA, Cal.—E. R. Ford, 407 W. 11th St., Santa Ana, awarded contract by city trustees at \$24,880.67 for paving Chestnut and Myrtle Sts., involving 17,205.8 sq. ft. grading and paving with 5-in. conc. and belt finish surface at 19 1/2c sq. ft.; 94,377 cu. ft. curb at 40c ft.; 2 ft. 2-in. house sewer at 10c lin. ft. Bids: Wells & Bressler, \$25,098.32; T. W. Oglesby, \$26,506.47.

E. R. Ford also awarded contract at \$10,883 to pave Riverside Ave., involving 17,864 sq. ft. grading and paving with 6-in. conc. and belt finish surface at 22 1/2c sq. ft.; 100 ft. curb at 40c ft. and 34 ft. 2-in. house sewer at 10c lin. ft. Bids were: T. W. Oglesby, \$11,113.32; Wells & Bressler, \$11,459.70.

LOS ANGELES, Cal.—County supervisors will improve main highways leading into Los Angeles. Est. cost, \$150,000. They are: Cabuenga Pass road, \$100,000; Chetridge Blvd., \$10,000; Calms and Thibault Blvd., \$10,000; Western Ave., \$7000; Indiana St., \$15,000; and Alhambra Ave., \$8000. Agreement was reached between supervisors and Board of Public Works.

OAKLAND, Cal.—County Surv. Geo. A. Fosdy preparing spec. to improve Vermore Plannanion road, No. 1530, in Pleasanton and Murray Rd. Dist., consisting of grading, removal of existing structures, paving with conc., placing boarder boards, const. drain ditches and rein. conc. or pipe culverts.

ALHAMBRA, Cal.—Cox & Teget, 222 Harvard Pl., Ontario, submitted low bid to city trustees at approx. \$27,000 for const. of 8-in. vit. pipe sewer in Bushnell Ave. Electric Ave., 1068 Rubles Pl. and other streets, incl. 1,075 lin. ft. and house sewers. Thirteen bids submitted.

SANTA BARBARA, Cal.—Council declares intention to change grade on Islay St., Rancheria St. and San Fernando St., and grading and paving with 1 1/2-in. Warrentite-Bit. wearing surface on 5-in. conc. conc. base; constructing conc. curb, gutter, combined cem. concrete curb, and grading and paving with 4-in. house connections; manholes, etc.; 1911 Art. Geo. B. Morrison, engr.

MARYSVILLE, Yuba Co., Cal.—A preliminary report on the route for the proposed county road to the summit of the Bullard's Bar restraining dam will be submitted to the county supervisors shortly by County Surv. L. B. Crook. Four routes are proposed and a selection will be made after the supervisors have viewed these.

SAN DIEGO, Cal.—Calif. Constr. Co. awarded contract, by council at \$104,450 to const. sewer in Withersby, out and return. Olson Bldg. \$104,733; L. W. Brawner, \$15,262.

CORONA, Cal.—City Mgr. Hyatt reports plans under way to pave streets in the section of the city known as the flats, comprising parts of 5th, and 6th Sts., Marcarita Ave., Mikul and other avenues. Est. cost, \$150,000.

ARCADIA, Cal.—Until 8 p. m., Nov. 15, bids will be received by trustees for crushed rock as follows: 3500 tons No. 1, 50c tons No. 2, 15c tons No. 3, and 300 tons No. 4; price for rock crusher, also f. o. b. on streets of Arcadia.

PHOENIX, Ariz.—S. B. Shumway, Mesa, was awarded contract for const. 14,943 mi. state highway on the Phoenix-Yuma line, bet. Piedra and Gila Bend, contract on Sched. No. 1, Sta. 4310 to 4732, at \$24,804.62, involving 16,000 cu. yds. excav. at 25c yd.; 15,392 cu. yds. borrow at 25c yd.; 78 cu. yds. excav. struct. at \$1 yd.; 58 cu. yds. conc. at \$4 yd.; 190 cu. yds. A conc. at \$18.50 yd.; 119 cu. yds. B conc. at \$16 yd.; 129 cu. yds. excav. struct. over 20 ft. at \$1 yd.; 14,920 lbs. rein. steel at 2 1/2c lb.; 13,046 cu. yds. gravel, surfacing f. o. b. curb at 10c yd.; 12,046 cu. yds. gravel, surfacing, unloading, placing and shaping (500 ft. free haul) at 60c yd.; 1,004,742 sta. yds. surfacing overhead at 67 1/2c yd.; minor items. Total, \$24,804.62. State furnishes materials valued at \$2786.70; plus 10% for contingencies, \$278.67; grand total, \$28,050.45.

Contract on Sched. No. 2, Sta. 4732 to 5069, involves 12,257 cu. yds. excav. roadway unclass. at 20c yd.; 5144 cu. yds. borrow at 20c yd.; 821 cu. yds. excav. struct. at 50c yd.; 440 cu. yds. excav. ditches and channel changes at 25c yd.; 1800 cu. yds. overhead 100 ft. earthwork at 67 1/2c yd.; 10,743 cu. yds. surfacing selected material at 48c cu. yd.; 53,895 sta. yds. surfacing overhead at 67 1/2c yd.; 4 cu. yds. A conc. at \$20 yd.; 3 cu. yds. B conc. at \$15 yd.; 331 cu. yds. C conc. at \$14 yd.; and minor items. Total, \$23,563.48; state furnishes materials at \$2207.76; plus 10% for contingencies, \$220.76; grand total, \$25,413.02.

YUBA CITY, Sutter Co., Cal.—E. T. Stanton, assistant state highway engineer, in conjunction with Jas. K. O'Brien, chairman, Supervisor John Russi, of Sacramento county, and Supervisor John Heiken, of Sutter county, has prepared estimates of cost preliminary to organizing a joint highway district to finance construction of a highway from a point near Oswego, in Sutter county, to the town of Tudor, Nicholas and Vernon to Elkhorn in Sacramento county. Estimates are submitted for various type of construction, including \$5000 for a timber bridge; water bound gravel or crushed rock, 15 ft. wide, 6 in. thick, \$288,410; same type, 18 ft. wide, \$273,145; same type, 15 ft. wide 6 in. thick, \$297,350; same type, 18 ft. wide, \$476,820. Portland cement shoulders with asphalt macadam in conc. base, Sutter county, 15 ft. wide, 750; same type 15 ft. wide, \$496,820. All Portland Cement roadbed, 18 ft. wide, 6 in. thick, \$688,710.

STOCKTON, San Joaquin Co., Cal.—Irey and Holden, Lodi, awarded contracts to improve Locust Rd. in R. J. Dist. No. 4, at \$26,087; and E. J. Mettler Rd. No. 525, Imp. Dist. No. 5 at \$10,086.

EUGENE, Ore.—Municipal Water Board has appropriated \$150,000 for enlargements and improvements for water plant, including \$35,000 for the Fairmount reservoir, additional filtering equipment and extensions.

MERCED, Merced Co., Cal.—Healy-Tibbitts Const. Co., 9 Main St., San Francisco, at approx. \$50,000 awarded contract by Yosemite Valley R. R. to construct approaches to bridge across Merced River at Hopeton.

FRESNO, Fresno Co., Cal.—Until Nov. 23, 3:30 p. m., bids will be received by R. Y. St. George, city clerk, to const. 6-in. vit. clay pipe lateral sewer in Block 102 with 4-in. connections to property line, lamphole manhole, etc. Wm. Stranahan, city eng.

MADERA, Madera Co., Cal.—City trustees petitioned to pave West Yosemite St., O St., and city limits at Olive St. Petitions to pave other streets will be presented shortly.

SANTA MONICA, Cal.—Until 10 a. m., November 22, bids will be received by city council to construct approximately 6 mi. 6-in. to 8-in. cement pipe sanitary sewer in the streets between 20th and 23rd St., and in portions of other streets, with manholes, junction chambers, jump holes, house sewers, etc. 1911 Art. John A. Morton, city engineer.

OROVILLE, Butte Co., Cal.—Petitions are in circulation asking supervisors to place 12 ft. gravel shoulders on each side of paved highway bet. Oroville and Bangor. Road is now 12 ft. wide. Harry H. Hume, county road engineer.

HOLBROOK, Ariz.—A. E. Thompson, Phoenix, Ariz., awarded contract at \$14,000 to construct city sewer system.

MERCED, Merced Co., Cal.—Valley Paving and Constr. Co., Merced, awarded contract by city trustees at \$19,800 to pave 13th St., bet. P. St. and the British Columbia R.R. at 3c sq. ft. grading, 15c sq. ft. paving, 15c sq. ft. bulkheads, and 20c ft. shoulders.

VENTURA, Cal.—Until 11:30 a. m., Nov. 24, bids will be rec. by supervisors to pave 3.05 mi. of Guiberson Rd., about 1 mi. south of City of Fillmore, involving 3200 cu. yds. excav. at 25c yd.; and rolling roadbed, 173,600 sq. ft. asph. conc. pavement, 139 cu. yds. conc. culverts, 8300 lbs. rein. steel, 60 ft. 15-in. corrug. iron pipe at 60c lin. ft., corrug. iron pipe, 12 ft. 48-in. corrug. iron pipe, 19 ft. relay of 48-in. corrug. iron pipe from Sta. 140-37 to Sta. 139-75. Plans and spec. on file with county supervisor, Chas. W. Pettit.

SANTA ROSA, Sonoma Co., Cal.—Following bids received by supervisors and work ordered done by day labor under supervision of R. Press Smith, county surveyor:

13,000 cu. yds. grading and surfacing Guerneville-Jenner highway, W. L. Proctor, 1000 Spring St., Santa Rosa, \$118,500.

Sec. 1, Sonoma to state highway, at 1.70 ml. asph. surfacing, M. F. Tracy, Sonoma, bid \$15,967.

Sec. B, Petaluma to Sonoma highway, at 3.05 ml. M. F. Tracy, Sonoma, bid \$30,147.

Grading and asph. surfacing, 1.04 ml. Dry Creek road, Mercer-Fraser Co., Eureka, bid \$5572.

Grading and asph. surfacing, Sec. A, Geyserville-Jintown road, Mercer-Fraser Co., Eureka, bid \$5572.

MODESTO, Stanislaus Co., Cal.—A. Teichert & Son, Ochsen Bldg., Sacramento, awarded \$753,917 awarded contract by supervisors to construct 1232 1/2 ft. bit. conc. pavement, 18-ft. wide, 5-in. thick, consisting of 3 1/2-in. bit. conc. base with 1 1/2-in. Warrentite-Bit. surfacing, 1000 cu. yds. gravel, 1000 cu. yds. Unit bid: 22,252 sq. ft. pavement, 20.6 cents sq. ft., 2000 cu. yds. excav. 60 cents cu. yd. J. H. Hoskins, county surv.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Am't
4019	Nasser	Horstmeyer	6000
4020	Shell	Owner	1400
4021	Shell	Owner	1400
4022	Davis	Mattock	13500
4023	Nelson	Owner	4000
4024	Ortley	Owner	3000
4025	St. Josephs	Zinkand	6000
4026	Nelson	Owner	7000
4027	Scott	Owner	4000
4028	Blum	Merritt	1000
4029	Laherty	Meinberger	9500
4030	McLaughlin	Pacific	—
4031	Nasser	Horstmeyer	6000
4032	Angulo	Owner	2000
4033	Bee	Owner	3000
4034	Nelson	Owner	4000
4035	Bayse	Owner	8000
4036	Meyer	Owner	15000
4037	Federal	Randall	11645
4038	Wayne	Doering	1911
4039	Daniel	Owner	15000
4040	Butcher	Owner	1000
4041	Lapham	Owner	7000
4042	Shappe	Smale	7800
4043	Crocker	Samuelson	6000
4044	Keenan	Owner	30000
4045	O'Brien	Owner	10000
4046	Mercantile	Dateman	11900
4047	Firpo	Perine	12500
4048	Robitscher	Bluet	33000
4049	Saari	Owner	5000
4050	Lacy	Deest	8500
4051	Hjul	Owner	50000
4052	Filippis	Filippis	4000
4053	Providence	Dinwiddie	12550
4054	Johnson	Owner	20000
4055	Clinton	Owner	8000
4056	MacDonald	Owner	30000
4057	Anderson	Owner	4000
4058	Green	Arnott	7600
4059	Cadwalader	Sullivan	3500
4060	Fisher	Fleet	2500
4061	Senderman	Thorup	1500
4062	Gilligley	Owner	3000
4063	Lang	Arnott	13600
4064	Daly	Gilligley	10000
4065	Heidrich	Spelt	4750
4066	Meyer	Meyer	4500
4067	Public Library	Snead	71943
4068	Clarke	Vukicovich	34668
4069	Nasser	Horstmeyer	6423
4070	Young	Kelly	6500
4071	Corbelli	Filippis	4575
4072	Benson	Owner	2000
4073	Allred	Owner	10000
4074	Same	Same	12000
4075	Same	Same	11000
4076	Puccinelli	Righetti	3000
4077	Premus	Premus	4000
4078	Lurie	Spargo	24000
4079	Perless	Novely	1000
4080	Lanthier	Bouchard	4000
4081	Horgan	Owner	5800
4082	Carlson	Owner	3800
4083	Urban	Owner	7500
4084	Whitcomb	Demarais	4944

ALTERATIONS

(4019)	E CASTRO 125 N 18th. Alter for stores and offices.	
Owner—Nasser Bros., 3719 16th St., San Francisco.		
Architect—Miller & Pfueger, Lick Bld., San Francisco.		
Contractor—W. Horstmeyer Co., 31 Ord St., San Francisco.	\$6000	

STATION

(4020)	NW COLLINS AND GEARY. One-story steel gasoline service station.	
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Owner—Shell Co. of Calif., 343 Sansome St., San Francisco.	
Plans by Owner.	\$1400

STATION

(1021)	SE EDDY AND JONES. One-story steel gasoline service station	
Owner-	Shell Co. of Calif., 343 Sansome St., San Francisco.	
Plans by	Owner.	\$1400

ALTERATIONS

(4022)	NO. 1-65 FIRST. Alter and repair five-story and basement Class C stores.	
Owner—	Norris K. Davis and Mercantile Trust Co., Trustees under the will of Horace Davis, deceased, 400 7th St., San Francisco.	
Architect—	Nathaniel Blaisdell, 255 California St., San Francisco.	
Contractor—	Mattock & Feasey, 251 Kearny St., S. F.	\$13,500

DWELLING

(4023)	W FORESTSIDE AVE 95	
	Ulloa. Two-story and basement	
	frame dwelling.	
	Owner—Fernando Nelson & Sons, Inc.	
	2 West Portal Ave. S. F.	

DWELLING

(4024)	E FORTY-FOURTH AVE 100 S Lincoln Way. One-story and base- ment frame dwelling.	
Owner—Oliver Ortley, 122 Rivoli St. San Francisco.		
Architect—None.		\$3000

ADDITIONS

(4025)	PARK HILL AND BUENA	
	Vista Ave. Additions for baths &	
	toilets and living rooms for help	
	Owner—St. Joseph's Hospital, Prem.	
	Architect—None.	
	Contractor—Ed. Zinkand & Son, 434	
	10th Ave., San Francisco.	\$6000

APARTMENTS

(4026)	E WEST PORTAL AVE. 212 S Ulloa. Two-story and basement frame (3) stores and (2) apart- ments.	
Owner—Fernando Nelson & Sons., Inc. 2 West Portal Ave., S. F.		
Architect—None.		\$7000

ALTERATIONS

(4027)	SW FREMONT AND MISSION	
	Install plumbing; change front	
	etc., for wholesale druggist quar	
	ters,	
Owner—	H. T. Scott,	
Architect—	Bliss & Faville,	Balboa
Bldg.,	S. F.	\$4000

ALTERATIONS

(4028)	NO. 1465 POLK.	Alter	fo
	confectionery store.		
Owner—	Jack S. Blum,	Premises.	
Architect—	None.		
Contractor—	Geo. M. Merritt Bldg. Co.		
	3014 Geary St., S. F.		\$100

FRAME FLATS

(4029)	N GROVE 156-3 E Clayton E	
25xN	137-6. All work for two	
	story frame flats.	
Owner—Miss Agnes Laherty, 155 Ash		
bury St., San Francisco.		
Architect—H. S. Meinberger, 5720 Cali		
fornia St., San Francisco.		
Contractor — Herman S. Meinberger		
5720 California St., S. F.		
Filed Nov. 16, '22. Dated Oct. 31, '22.		
Rough frame up.....	\$237	
Brown coated.....	237	
Completed.....	237	
Usual 35 days.....	237	
	TOTAL COST, \$950	

Bond, none. Limit, 105 days after Nov. 6, 1922. Forfeit, plans and specification No. 3946.
--

SEWER WORK, ETC.

(4030) LOYOLA TERRACE bet. N
Fulton to N termination of Loyola
Terrace. All work for sewer,
concrete curbs and asphaltic con-
crete pavement.

Owner—M. A. McLaughlin and W. R.
Voorhies, 50 Divisadero St., S. F.

Architect—None.

Contractor—Pacific States Constr. Co.
Filed Nov. 10, '22. Dated Oct. 4, '22.

On completion 75%

Usual 35 days 25%

TOTAL COST—8" iron stone pipe
sewer, \$2.25 per lin. ft.; brick man-
holes, \$115 ea.; brick catchbasins,
\$130 ea.; 10" culverts, \$2 per lin.
ft.; 8x6" Y branches, \$2 ea.; 6"
side sewers, \$20; curbs, 95c per
lin. ft.; asphaltic pavement, .255c per
sq. ft.

Bond, \$2100. Surety, American Indemnity Co. Limit, 33 days after permit issued. Forfeit, none. Plans only filed.

ALTERATIONS

ALTERATIONS	
(4031) E CASTRO 125 N 18th. Alter stores and offices.	
Owner—Nasser Bros., 3419 16th St. San Francisco.	
Architect—Miller & Pfueger, Lick Bldg San Francisco.	
Contractor—Wm. Horstmeyer Co., 31 Ord St., S. F.	\$6000

ADDITION

(4032)	NW FILLMORE & WASHINGTON. Add one room to apartments and divide two rooms.	
Owner—	Manuel D. Angulo, 2452 Washington St., San Francisco.	
Architect—	None.	\$2000

DWELLING

(4033)	N HEARST AVE	237-6	W
	Genesses. One-story and base		
	ment frame dwelling.		
Owner—	Anders M. Bee, 730 Joost Ave.		
	San Francisco.		
Architect—	None.	\$300	

DWELLING

(4034)	E MADRONE 250 N Ulloa	
	One-story and basement fram	
	dwelling.	
	Owner—Fernando Nelson & Sons, Inc.	
	2 West Portal Park, S. F.	
	Architect—None.	\$400

APARTMENTS

(4035)	N BUSH 135-6 W Mason. Complete five-story and basement (20) apartments.	
Owner—	Mrs. B. Basye, 425 Kearny St. San Francisco.	
Architect—	W. H. Crim Jr., 425 Kearny St., San Francisco.	\$80.00

DWELLINGS

(4036)	E FORTY-FIFTH AVE 120, 180, 210, 240 and 270 N Anza. Five one-story and basement frame dwellings.	
Owner—	Meyer Bros., 5326 Geary St. San Francisco.	
Architect—	H. C. Baumann, 251 Kearny St., San Francisco.	\$3000 each

ELEVATOR DOOR CONTROLS

(4037) NW BATTERY AND SACRAMENTO W 275xN 119-6. All work for a system of pneumatic elevator door controls for seven-story and basement Class A bank building. Owner—Federal Reserve Bank, 31 Battery St., San Francisco.

Architect—George W. Kelham, Sharon Bldg., San Francisco.
 Contractor—Randall Control & Hydro-metric Corp., 54 Natoma St., S. F.
 Filed Nov. 13, '22. Dated Oct. 20, '22.
 On 10th of each month..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$11,645

Bond, \$5823. Surety, The Aetna Casualty & Surety Co., Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(4038) NO. 735 OAK ST. All work for alterations to two-story residence.
 Owner—Chas. J. Wynne, Premises.
 Architect—G. J. Doering, 1218 Masonic Ave., San Francisco.
 Contractor—G. J. Doering & A. Warnecke, 1218 Masonic Ave., S. F.
 Filed Nov. 13, '22. Dated Nov. 4, '22.
 NOTE—Permit applied for today.
 Outside work completed and interior partitions set.....\$640.00
 Plastering and tile work done 640.00
 All work completed..... 631.50
TOTAL COST, \$1911.50
 Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

STORES, ETC.

(4039) 8 HOWARD bet. 1st and 2nd. Two-story Class C stores and lofts.
 Owner—Andrew Dalziel, 556 Mission St., San Francisco.
 Architect—Willis Lowe, 782 Mondnock Bldg., S. F. \$15,000

ALTERATIONS

(4040) SE MARION AND O'FARRELL. Construct new store front.
 Owner—T. W. Butcher, 180 Jessie St., San Francisco.
 Architect—M. V. Politeo, 1st National Bank Bldg., San Francisco. \$1000

DWELLING

(4041) W THIRTY-SIXTH AVE 90 N Geary. Two-story and basement frame dwelling.
 Owner—Lapham Bldg. Co., 6311 Geary St., San Francisco.
 Architect—None. \$7000

DWELLINGS

(4042) 8 ULLOA 30 and 60 W Thirty-second Ave. Two one-story and basement frame dwellings.
 Owner—H. E. Shappe, 981 Haight St., San Francisco.
 Architect—None.
 Contractor—Wallace J. Smale, 33 Ford St., San Francisco. \$3900 each

DWELLINGS

(4043) E WHEELER 37-6 and 75 N Bay View. Two one-story and basement frame dwellings.
 Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
 Architect—None.
 Contractor—A. M. Samuelson, 290 Ralph St., S. F. \$3000 each

RESIDENCES

(4044) W FORTY-FIFTH AVE 85, 115, 145, 175, 205 and 235 S Anza. Six one-story and basement frame residences.
 Owner—H. C. Keenan, 3775 California St., San Francisco.
 Architect—None. \$5000 each

STORE

(4045) W GRANT AVE 87-6 N Bush. One-story reinforced concrete store
 Owner—R. J. O'Brien, 110 Sutter St., San Francisco.
 Architect—Albert W. Burgren, 110 Sutter St., San Francisco. \$10,000

BANK

(4046) SE SACRAMENTO & LIEDESDORF. One-story Class C annex to bank.
 Owner—Mercantile Trust Co., 464 California St., San Francisco.
 Architect—None.
 Contractor—Wm. Bateman, 1915 Bryant St., San Francisco. \$11,900

FRAME FLATS

(4047) N UNION 55 E Gough. Two-story and basement frame (2) flats
 Owner—M. Firpo and E. Vigo, Prem.
 Architect—L. Traverso, 854 Union St., San Francisco.
 Contractor—M. Perino, 426 Columbus Ave., S. F. \$12,500

APARTMENTS

(4048) W ASHBURY 75 N Page. 50x 106-2. Concrete, lumber, electric work, plumbing, plastering for two-story frame building (8 apartments).
 Owner—Earl & Catherine F. Rotscher, 1922 Haight St., San Francisco.
 Architect—None.
 Contractor—John J. Binet, 336 Church St., San Francisco.

Filed Nov. 14, '22. Dated Nov. 6, '22.
 2nd story joists on.....\$6187.50
 Roof on and partitions set..... 6187.50
 Brown coated..... 6187.50
 Completed..... 6187.50
 Usual 35 days..... 8250.00
TOTAL COST, \$33,000.00
 Bond, limit, forfeit, none. Plans and specifications filed.

DWELLINGS

(4049) SE AUGUSTA 25 and 50 E Boutwell. Two one-story and basement frame dwellings.
 Owner—S. Saari, 155 Brussels St., San Francisco.
 Architect—None. \$2500 each

FRAME FLATS

(4050) E ATALAYA TERRACE 133-5 N Fulton. Two-story and basement frame (2) flats.
 Owner—Mary Lacy, 1640 Washington St., San Francisco.
 Architect—None.
 Contractor—Deest & Deaiger, 743 Irvine St., San Francisco. \$8500

LOFT BLDG.

(4051) S CALIFORNIA 59-1 W Kearny. Four-story concrete loft bldg.
 Owner—J. H. Hjul, 1342 Mission St., San Francisco.
 Engineer—J. H. Hjul, 1342 Mission St., San Francisco. \$50,000

DWELLING

(4052) W FORTY-FOURTH AVE 50 N Jules. One-story and basement frame dwelling.
 Owner—C. Filippis, 957 Union St., San Francisco.
 Architect—None.
 Contractor—V. Filippis, 1527 Powell St., San Francisco. \$4000

REPAIRS

(4053) SW GOLDEN GATE AVE. AND Jones. Repair fire damage to stores and offices.
 Owner—Providence Securities Co., Crocker Bldg., San Francisco.
 Architect—None.
 Contractor—Dinwiddie Constr. Co., Crocker Bldg., S. F. \$12,550

APARTMENTS

(4054) S UNION 137-6 W Larkin St. Three-story and basement frame (12) apartments.
 Owner—Axl A. Johnson, 632 Belvedere St., San Francisco.
 Architect—None. \$20,000

ALTERATIONS

(4055) NO. 236 POWELL. Remove column in first story and replace with girder and columns for store.
 Lessee—N. J. Clinton, % Engineer.
 Engineer—H. P. Vollmer, Flood Bldg., San Francisco. \$8000
 To be Sub-Let.

WAREHOUSE

(4056) NW SECOND AND SOUTH Park. Three-story Class C warehouse.
 Owner—MacDonald & Kahn, 130 Montgomery St., San Francisco.
 Architect—S. Helman, 57 Post St., San Francisco.
 Work by Owner. \$30,000

RESIDENCE

(4057) E TWENTY-THIRD AVE 300 S Lincoln Way. Two-story and basement frame residence.
 Owner—Anderson Bros., 1264 Noe St., San Francisco.
 Architect—None. \$4000

DWELLINGS

(4058) W THIRTY-SIXTH AVE 125 and 155 N Irving. Two one-story and basement frame dwellings.
 Owner—C. E. Green, 525 Crocker Bldg., San Francisco.
 Architect—None.
 Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. \$3800 each

ADDITION

(4059) SE BRANNAN AND FIFTH. One-story frame addition to office.
 Owner—Cadwallader Gibson Co., 234 Stuart St., San Francisco.
 Architect—None.
 Contractor—C. J. Sullivan. \$3500

ALTERATIONS

(4060) NO. 2027 CALIFORNIA ST. Rearrange partitions in apartments; partitions covered with Schumacher wall board; erect fire escapes, etc.
 Owner—Jessie F. Fisher, Premises.
 Architect—None.
 Contractor—A. E. Fleet, 1621 California St., San Francisco. \$2500

RETAINING WALL

(4061) W FOURTEENTH AVE 92 N Balboa. Construct retaining wall.
 Owner—B. Senderman, 283 Arguello Blvd., San Francisco.
 Architect—None.
 Contractor—J. H. Thorup, 654 21st Ave., San Francisco. \$1500

DWELLING

(4062) S HOLLY PARK CIRCLE 175 W Murray. One-story and basement frame dwelling.
 Owner—R. W. Gillogley, 745 San Jose Ave., San Francisco.
 Architect—None. \$3000

DWELLINGS

(4063) S PACHECO 160 and 215 E Ninth Ave. Two one-story and basement frame dwellings.
 Owner—Lang Realty Co., 1st Nat'l. Bk. Bldg., San Francisco.
 Architect—None.
 Contractor—Jas. Arnott & Sons, 235 Granville Way, S. F. \$6800 each

FLATS

(4064) E TWENTIETH AVE 270 S Irving. Two-story and basement frame (2) flats.
 Owner—John P. Daly, 1322 20th Ave., San Francisco.
 Architect—None.
 Contractor—J. W. Gillogley, 745 San Jose Ave., San Francisco. \$10,000

BUILDING

(4065) S STATES 666 W CASTRO W 24-8xS 150. All work for two-story and basement frame building.
 Owner—Vnn. & Marian Heidrich, 933A Sacramento St., San Francisco.
 Architect—None.
 Contractor—A. W. Spelt, 539 Day St., San Francisco.
 Filed Nov. 15, '22. Dated Nov. 15, '22.
 Contract signed.....\$500.00
 Frame completed..... 937.50
 Brown coated..... 337.50
 Completed and accepted..... 937.50
 Usual 25 days..... 1437.50
TOTAL COST, \$4750.00
 Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

COTTAGES

(4066) W THIRTY-FIFTH AVE 225 S Geary. All work for two six-room cottages.
 Owner—Herbert B. Meyer, 5326 Geary St., San Francisco.
 Architect—None.
 Contractor—Meyer Bros., 5326 Geary St., San Francisco.

Filed Nov. 15, '22. Dated Oct. 13, '22.
 Frame up \$1125
 Brown coated 1125
 Completed 1125
 Usual 35 days 1125
 TOTAL COST, \$4500
 Bond, none. Limit, 90 days. Forfeit,
 plans and specifications, none.

EQUIPMENT
 (4067) BLK EDED BY LARKIN, Mc-
 Allister, Hyde and Fulton. Equip-
 ment for main stack room and
 newspaper stack room.
 Owner—Board of Trustees of Public
 Library and Reading Rooms.
 Architect—George W. Kelham, Sharon
 Bldg., San Francisco.
 Contractor—Snead & Co., 461 Market
 St., San Francisco.
 Filed Nov. 15, '22. Dated Oct. 2, '22.
 90% of value of material on ship-
 ment
 90% of cost of installation on 10th
 of each month
 30 days after 10%
 TOTAL COST, \$71,913
 Bond, \$35,971.50. Surety, Fidelity and
 Casualty Co. of New York. Limit, Apr. 1,
 1923. Forfeit, none. Plans and
 specifications filed.

CLASS C STORES
 (4068) W MISSION 40 S Twenty-second
 S 40X 125. Excavation, grading,
 structural steel and miscellaneous
 iron work, terra cotta, carpentry
 and mill work, roofing, galvanized
 iron work, lathing and plastering
 for one-story and basement rein-
 forced concrete-Class C store bldg.
 Owner—Clarke Estate (in probate), 181
 National Bank Bldg., S. F.
 Architect—Bernard J. Joseph, Call
 Bldg., San Francisco.
 Contractor—Vukicevich & Bagge, 180
 Jessie St., San Francisco.
 Filed Nov. 15, '22. Dated Oct. 26, '22.
 Excavation and grading completed
 1st floor joists set \$5000
 Reinforced concrete work com-
 pleted and roof boards on 5000
 Roofing completed 4000
 Lathing and plastering completed 5000
 Completed and accepted 6998
 Usual 35 days 8670
 TOTAL COST, \$34,668
 Bond, \$17,350. Sureties, J. H. McCallum
 and H. W. Gaetjen. Limit, 90 days.
 Forfeit, none. Plans and specifications
 filed.

ALTERATIONS
 (4069) NO. 482, 485 and 487 CASTRO
 St. All work for altering old
 Castro Theatre building.
 Owner—Abraham Nasser, 3719 16th St.,
 San Francisco.
 Architect—J. R. Miller and T. L.
 Pfeuffer, Lick Bldg., S. F.
 Contractor—Wm. Horstmeier Co., 31
 Ord St., San Francisco.
 Filed Nov. 15, '22. Dated Nov. 6, '22.
 On 5th of each month 75%
 Usual 35 days 25%
 TOTAL COST, \$6123
 Bond, \$3211.50. Sureties, Henry Gum-
 bel and C. Horstmeier. Limit, 90 days.
 Forfeit, none. Plans and specifications
 filed.

DWELLING
 (4070) E CASTENADA AVE 20 SE
 from SW Cor. Lot 27 Bk 14 SE 45
 N 79° 06' 47" E 100 NW 53.824 S 74°
 03' 27" W 100 Ptn Lots 25 and 26
 Bk 14, Forest Hill. All work for
 two-story and basement frame
 dwelling.
 Owner—Ralph W. and Gladys C. Young
 251 Post St., San Francisco.
 Architect—Ray F. Coyle, 251 Post St.,
 San Francisco.
 Contractor—Robt. H. Kelly, 55 Grattan
 St., San Francisco.
 Filed Nov. 15, '22. Dated Nov. 9, '22.
 Frame up \$1625
 Plaster on 1625
 Completed 1625
 Usual 35 days 1625
 TOTAL COST, \$6500

Bond, \$3500. Surety, Indemnity Ins.
 Co. of North America. Limit, 100 days.
 Forfeit, none. Plans and specifications
 filed.

STORES
 (4071) S MISSION 50 N from NE Persia
 Ave 25X83-6 Ptn Lot 4 Bk 3, Excl.
 11d Ass'n. All work for one-story
 frame building (stores).
 Owner—A. Corbelli, 1230 California St.,
 San Francisco.
 Architect—None.
 Contractor—V. J. Filippis, 1527 Powell
 St., San Francisco.
 Filed Nov. 15, '22. Dated Nov. 15, '22.
 Frame up \$1140
 Ready for plaster 1140
 Completed 1140
 Usual 35 days 1155
 TOTAL COST, \$4575
 Bond, none. Limit, 90 days. Forfeit,
 plans and specifications, none.
 NOTE: Permit applied for today.

DWELLING
 (4072) E ASHTON AVE 250 N Hollis-
 way. One-story and basement
 frame dwelling.
 Owner—G. Benson, 325 Lowell St., San
 Francisco.
 Architect—Chas. F. Strothoff, 2274 15th
 St., San Francisco. \$2000

DWELLINGS
 (4073) W CORONA 180 N Urbano Dr.
 and E Corona 180 N Urbano Drive.
 Two two-story and basement frame
 dwellings.
 Owner—C. S. Alfred, 159 Liberty St.,
 San Francisco.
 Architect—None. \$5000 each

DWELLINGS
 (4074) N CORONA 280 NW Urbano Dr.
 and W Corona 230 N Urbano Drive.
 Two two-story and basement
 frame dwellings.
 Owner—C. S. Alfred, 159 Liberty St.,
 San Francisco.
 Architect—None. \$6000 each

DWELLINGS
 (4075) V CORONA 280 N Urbano Dr.
 and NW Corona 230 N Urbano Dr.
 Two two-story and basement frame
 dwellings.
 Owner—C. S. Alfred, 159 Liberty St.,
 San Francisco.
 Architect—None. \$5000 and 6000
 respectively.

ALTERATIONS
 (4076) NO. 618 FILLMORE. Raise &
 make alterations to store and dwell-
 ing.
 Owner—A. Puccinelli.
 Architect—Righetti & Hirschfeld, 12
 Geary St., San Francisco. \$3000

DWELLING
 (4077) SE GRANVILLE WAY 125 W
 Ulloa. One-story and basement
 frame dwelling.
 Owner—Ena B. Premus, 115 Granville
 Way, San Francisco.
 Architect—None.
 Contractor—W. C. Premus, 115 Gran-
 ville Way, S. F. \$4000

APARTMENTS
 (4078) E HYDE 92-6 N Golden Gate
 Ave. Two-story and basement
 concrete stores and (3) apartments
 Owner—Louis R. Lurie, % Architect.
 Architect—O'Brien Bros., Inc., 240
 Montgomery St., San Francisco.
 Contractor—John Spargo, 240 Mont-
 gomery St., San Francisco. \$24,000

MARQUISE
 (4079) NO. 148 THIRD ST. Erect 3-
 sided marquise.
 Owner—Peerless Theatre, Premises.
 Architect—None.
 Contractor—Novelty Elec. Sign Co., 435
 Turk St., San Francisco. \$1000

DWELLING
 (4080) W TWENTY-SIXTH AVE 225
 S Taraval. One-story and base-
 ment frame dwelling.
 Owner—Leo J. Lanthier, 40 Lafayette
 St., San Francisco.
 Architect—None.
 Contractor—J. Bouchard, 816½ Church
 St., San Francisco. \$4000

DWELLINGS
 (4081) SE LISBON 150 and 175 W
 Italy Ave. Two-story one-story and
 basement frame dwellings.
 Owner—P. Horgan, 915 Pierce St., San
 Francisco.
 Architect—None. \$2900 each

DWELLING
 (4082) N ROLPH 175 E Madrid. One-
 story and basement frame dwlg.
 Owner—John Carlson, 31 Rivoli St.,
 San Francisco.
 Architect—None. \$3800

RESIDENCE
 (4083) S URBANO DRIVE 100 E Victo-
 ria. One and one-half-story and
 basement frame residence.
 Owner—Urban Realty Improvement
 Co., 85 Cerrites Ave., S. F.
 Architect—H. K. Lovell, 85 Cerrites
 Ave., San Francisco. \$7500

ALTERATIONS
 (4084) E TWENTY-EIGHTH AVE 200
 S Clement S 25X E 120. All work
 for alterations to two flats.
 Owner—Jas. E. and Nellie R. Whitcomb
 438 28th Ave., San Francisco.
 Architect—None.
 Contractor—E. W. Demarais, 732 Page
 St., San Francisco.
 Filed Nov. 16, '22. Dated Nov. 15, '22.
 Rear stairs and roof work done, \$750
 Plumbing roughed in 750
 Completed 750
 Usual 35 days 750
 Balance, \$1944 paid by note secured
 by Deed of Trust
 TOTAL COST, \$4944
 Bond, \$2472. Sureties, H. W. Gaetjen
 and B. Milano. Limit, forfeit, none.
 Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded
 Nov. 10, 1922—E FIFTH AVE 275 S
 Geary 25X120. Pacific Telephone &
 Telegraph Co. to Monson Bros.
 Nov. 1, 1922
 Nov. 10, 1922—E MISSION 139 N 18th
 N 46X E 122-6. Mission Realty Co
 to Ahlbach & Mayer and L A Hin-
 son Nov. 7, 1922
 Nov. 10, 1922—E PRESIDIO AVE
 87-6 S Pine. Mr. and Mrs. E Cal-
 mon to E K Nelson Bldg Co.
 Nov. 10, 1922
 Nov. 10, 1922—E LTON 100-07 N
 Union N 25-0½ E 145-6¼ S 25-0½
 W 146-6¼. Nellie C Beardmore to
 W W Rednall Nov. 4, 1922
 Nov. 10, 1922—E TENTH AVE 270 N
 Fulton N 25X E 120. Percy W and
 Mary V Gates to Harry Moran
 August 26, 1922
 Nov. 10, 1922—LOT 23 Bk 3, 3188,
 Westwood Park on E line Granada
 Ave 54 S Southwood Drive. Mary
 E M and Helen F McAuliff to Sand-
 berg & Essman Nov. 2, 1922
 Nov. 10, 1922—N ANZA 105 W 27th
 Ave E 26 Ave 175 S Geary. Jona-
 than Anderson to Meyer Bros.
 Nov. 9, 1922
 Nov. 10, 1922—SW COMMONWEALTH
 and Euclid Aves. Sam Baer to Ed
 Zinkand & Sons Nov. 9, 1922
 Nov. 13, 1922—N CABRILLO 90 E 25th
 Ave E 30X N 54. Arthur R and
 Emma E Carlyle to whom it may
 concern Nov. 10, 1922
 Nov. 13, 1922—NW PARNASSUS AV
 and Hillway Ave. Ada Breeze to
 Monson Bros. Nov. 10, 1922

Nov. 13, 1922—W THIRTY-THIRD
Ave 29 N Fulton N 32xW 90. Samuel
F Johnson and John F Dowling to
whom it may concern. Nov. 13, 1922

Nov. 13, 1922—S GOLDEN GATE AVE
100 W Gough 30x137-6. Taavi
Helsinki to whom it may concern.
Oct. 15, 1922

Nov. 13, 1922—W THIRTY-THIRD
Ave 61 N Fulton N 32xW 90. J F
Dowling and S F Johnson to whom
it may concern. Nov. 13, 1922

Nov. 13, 1922—N FILBERT 137-6 E
Powell E 137-6xN 160. Roman
Catholic Archbishop of S. F. to
Dyer Bros Golden West Iron Wks
Nov. 8, 1922

Nov. 13, 1922—NW HOWARD 172-6
SW Fifth SW 45 NW 160 NE 21-3
SE 80 NE 23-9 SE 80. A Merle to
S Schell. Nov. 10, 1922

Nov. 13, 1922—E ALBION 125 SE
Nov. 13, 1922—SE GEARY AND
Fourth Ave E 45xS 100. Jacob
Weissstein to Meyer Bros. Nov. 13, 1922

Cross SE 50xNE 120 Ptn Lot 61,
Bernal Hd Assn. Frank Shepard
to G M Battersby. Nov. 11, 1922

Nov. 13, 1922—LOT 23 BLK 336 Case
Tet. Chas F Reddy to J W Gill
logley. Nov. 4, 1922

Nov. 13, 1922—N BALBOA 104-1 E
24th Ave E 25x100. Thos Hammill
to whom it may concern. Nov. 13, 1922

Nov. 13, 1922—S GEARY 57-6 E
Boyce E 25x100. Thos Hammill to
whom it may concern. Nov. 13, 1922

Nov. 13, 1922—NE FRANKLIN AND
Chestnut 34-6x110. David B Capelli
and Mary Capelli to whom it may
concern. Nov. 13, 1922

Nov. 14, 1922—S FLOOD AVE 265, 295
and 325 W Foerster W 20xS 112-6.
Moneta Invest Co to James Arnott
& Son. Nov. 5, 1922

Nov. 14, 1922—E CRESCENT AVE 6
Mission NE 25xSE 1. Alfred E
Hind to Harry W Hind. Nov. 13, 1922

Nov. 14, 1922—N TWENTY-THIRD
90 W Capp W 32-6xN 90. Theresia
Steinauer to Ward C Brown. Nov. 13, 1922

Nov. 14, 1922—E TWENTY-SECOND
Ave 95 S Cabrillo S 25x120. Alfred
J Gray to whom it may concern.
Oct. 20, 1922

Nov. 14, 1922—N PAGE 206-3 W Cole
W 25-01xN 137-6. Thos Curran
and Catherine J Curran to whom
it may concern. Nov. 10, 1922

Nov. 14, 1922—E SEVENTEENTH
Ave 275 S Anza. A J Glesener to
Fred Moller. Nov. 10, 1922

Nov. 14, 1922—E SEVENTEENTH
AVE 75 N California 26-7x50.
George Crowe to J W Marsden. Nov. 12, 1922

Nov. 13, 1922—TWENTY-SECOND
Ave 200 S California 25x120. G E
Watson to whom it may concern.
Nov. 8, 1922

Nov. 13, 1922—TWENTY-SIXTH
Ave 150 S Taraval 25x120. Charles
T and Edith E Clark to Edward A
Johnson. Nov. 13, 1922

Nov. 15, 1922—SW GEARY AND
Powell 62 on Geary and 42 on
Powell. The Golden Pheasant, Inc.
to Home Mfg Co. Nov. 13, 1922

Nov. 15, 1922—SW SIXTH AVE AND
Cabrillo S 25xW 100. F Munson to
whom it may concern. Nov. 14, 1922

Nov. 15, 1922—E TWENTY-SECOND
Ave 100 S Lake. Julia M Cohen to
M C Ingraham. Nov. 7, 1922

Nov. 15, 1922—W SEVENTEENTH
Ave 310-6 N Balboa N 25x100.
Samuel A Wood to J H Thorup. Nov. 10, 1922

Nov. 15, 1922—NO. 1742-1748 FILL-
more E E Walley to Fink &
Schindler Co. Nov. 15, 1922

Nov. 15, 1922—S BRYANT 120-6 W
Center Place 46-9 on Bryant by 80.
Samuel Schell to whom it may
concern. Nov. 14, 1922

Nov. 15, 1922—SE HOWARD
Summer 58 on Howard and 100 on
Summer. Samuel Schell to whom it
may concern. Nov. 14, 1922

Nov. 15, 1922—S BROADWAY 57-8 W
Taylor W 25-10 S 30 W 2-4 S 30 W
23-6 N to beg. Wm Delahanty to
Chas S Delaney. Nov. 15, 1922

Nov. 15, 1922—E SANTA ANA AVE
82-6 N Darien Way E 100xN 100. O
M Hueter to Bostox & Zwieg.
Nov. 14, 1922

Nov. 15, 1922—N FOLSOM 95 W Sec-
ond W 60xN 135. Louis R Lurie to
John Spargo. Nov. 15, 1922

Nov. 15, 1922—E ASHTON AVE 15 N
Holloway Ave N 25xNE 112-6 Lot 17
Blk 26, Lakeview. Gustav Benson
to whom it may concern. Nov. 15, 1922

Nov. 16, 1922—SW TWENTY-THIRD
& Dolores. Isabel M Sandy to An-
tone Petersen. Nov. 15, 1922

Nov. 16, 1922—N HUGO 95 W 4th Ave
W 25xN 100. Hugo Holm to Oscar
Nelson and Andrew J Benson. Nov. 15, 1922

Nov. 16, 1922—E HEMWAY TER-
race 75 N Fulton; E Hemway Ter-
race 108-4 N Fulton; NE Hemway
Terrace and Fulton. W L Hem-
minga to W L Hemminga. Nov. 15, 1922

Nov. 16, 1922—LOT 20 BLK 11, St.
Francis Wood. Chas F Gibbons Jr
and Milre R Gibbons to T J Hou-
weling. Nov. 15, 1922

Nov. 16, 1922—W ARGUELLO BLVD
225 N Balboa N 25x120. Erida J
Lentz to Jacob H Thorup. Oct. 14, 1922

Nov. 16, 1922—N PINE 200-6 E Van
Ness Ave E 98-6xN 137-6. Lucy H
and Edith W Allyne to John Spargo
Nov. 14, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded

Nov. 10, 1922—S CALIFORNIA 75 W
Larkin W 30-6 S 80-6 E 25 N 44 E
14-6 N 36-6. V Filippis vs J B
Rusconi. \$305.50

Nov. 10, 1922—SE LANSING 75 SW
First. The Greater City Lumber
Co vs Margaret M Corley. \$88.45

Nov. 10, 1922—E CARMELITA 190 S
Wall S 25xSE 95. H J Hansen vs
Ruth S Kauffman. \$332.50

Nov. 10, 1922—N HALE 175 W Barn-
eveld Blk 8, Peoples Hd. Tel. A.
The Greater City Lumber Co vs
Wm L and Annie J Mack. \$151.15

Nov. 10, 1922—E HOWARD 30 N 23d
The Greater City Lumber Co vs
John W and Ellen A Jones. \$43.50

Nov. 13, 1922—E VALENCIA 354-90 S
Army S 75 E 103-39 NE 78-39 W
126-25. Edwin T Peterson vs Emil
Nelson, A B Harrison, Alex & Max
Brodofsky (as Brodofsky Bros. or
Doris Garage). \$1923.65

Nov. 13, 1922—W FOURTEENTH AVE
75 S Cabrillo S 25xW 100. Pacific
Sheet Metal Wks vs Henry Walsh
and Harry Moran. \$345.25

Nov. 27, 1922—W TWENTY-SEVENTH
Ave 185 N Cabrillo N 26x120. Gins-
berg Tile Co vs A Mark Graf and
Harry Moran. \$66.36

Nov. 14, 1922—W TWENTY-SIXTH
Ave 243 N Clement N 25x120.
Ginsberg Tile Co vs R C Holm and
Ida Holm and Harry Moran. \$32.29

Nov. 15, 1922—S JACKSON 137-6 E
Spruce S 127-84xSE 47-6. Geo N
Zaro vs Grace V or Mrs J Benson
Nov. 14, 1922. \$246.39

Nov. 14, 1922—S JACKSON 137-6 E
Spruce E 47-6xS 127-84. J Behm
& Co vs Grace V Benson. \$247.96

Nov. 15, 1922—E TENTH AVE 270 N
Fulton N 25xSE 120. Scott Co vs
Percy and Mary V Gates. \$198

Nov. 15, 1922—W FOURTEENTH
Ave 75 S Cabrillo S 25xW 100. Scott
Co vs Harry or Henry Walsh. \$352

Nov. 15, 1922—NO. 2770-72 BUSH bet.
Broderick and Baker. R Stone vs
J Buckley. Nov. 1922. \$129.75

Nov. 13, 1922—LOT 19 Weeks 14th Ad-
dition to Runnymede, 1.09 acres
near Menlo Park. C. D. Dawson vs
L M and Winifred Hill. \$206

Nov. 15, 1922—W FOURTH AVE 175
N Crillo N 25xW 120. Leonard
Lumber Co vs Richard T and M
Curtin and R E Moore. \$56.90

Nov. 15, 1922—E VALENCIA 354-90 S
Army S 75 E 103-39 N 78-39 W 126-25
C O Munson vs A B Harrison, Emil
Nelson, Brodofsky Bros or Doris
Garage. \$351.99

Nov. 15, 1922—NW TWENTY-SIXTH
Ave and Dolores 25x75. Roy Powers
vs John S Schroeder and Tarbit
& Co. \$30

Nov. 15, 1922—E VALENCIA 354-90 S
Army S 75 E 103-39 NE 78-39 W
126-25. Acme Planing Mill. \$2072.10

Otto List, \$592.66 vs Emil Nelson,
A B Harrison, Brodofsky Bros or
Doris Garage. \$354.99

Nov. 16, 1922—E VALENCIA 354-90 S
Army S 75 E 103-39 NE 78-39 W
126-25. Collohan Electric & Mfg
Co vs A B Harrison, Alex and Max
Brodofsky and Emil Nelson. \$305

Nov. 16, 1922—E TENTH AVE 270.
N Fulton N 25xNE 120. R H Krenz
vs Harry Moran and Percy and
Mary V Gates. \$156.62

Nov. 16, 1922—W FOURTEENTH AVE
75 S Cabrillo S 25xW 100. R H
Krenz vs Harry Moran and Harry
or Henry Walsh. \$139.32

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Nov. 8, 1922—599 or 123 N FULTON
32-6 E 18th Ave E 25x60. H and
S Ginsberg (as Ginsberg Tile Co.)
to W C Foulkes and D Leigh. \$19.90

Nov. 10, 1922—E VICTORIA 290 S
Holloway S 25xNE 100. Chas Godin
to Frank Koski and Frank Saari
Nov. 13, 1922—S WASHINGTON
64-4 E Powell E 23-2 S 137-6 W
E 6-6 N 69 E 4-4 N 68-6. Fourth St.
Planing Mill to John Morton. \$18.25

Nov. 13, 1922—N SUTTER 167-3 W
Van Ness Ave W 57-6xN 120.
Michel & Pfeiffer Iron Works to
Mendel Weisbleet & Annetta Wise
Nov. 13, 1922—N SUTTER 167-3 W
Van Ness Ave W 57-6xN 120. D N
E Walter & Co to Mendel Weis-
bleet. \$171

Nov. 14, 1922—W TWENTY-SEVENTH
Ave 185 N Cabrillo N 26x120. Gins-
berg Tile Co to A Mark Graf and
Harry Moran. \$66.36

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Nov. 15, 1922—NO. 1003 MARKET &
No. 2 Sixth. United Cigar Stores
as to improvements on property.

Nov. 16, 1922—SE PINE & BROD-
erick E 23xS 92. Abraham L
Brown as to improvements on
property.

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the
contracts for this issue

No.	Owner	Contractor	Am't
4871	Maurer	Owner	5250
4872	Same	Same	5500
4873	Anderson	Goransen	7382
4874	Johnson	Johnson	3500
4875	Schubert	Tassen	4800
4876	Booth	Waren	25000
4877	Stockwell	Cederberg	2500
4878	Cancillo	Tomasello	3000
4879	Michaels	Kulchar	1000
4880	MacGregor	Owner	11950
4881	MacGregor	Owner	14600
4882	Shell	Owner	1400
4883	Olman	Kee	3500
4884	Lorence	Dutra	2000
4885	Crow	Couture	3000
4886	Oakland	Littlefield	658000
4887	Dunn	Johnson	12000
4888	Stewart	Stewart	6000

4889	Parker	Owner	2000
4890	Jackson	Owner	2400
4891	Grimes	Owner	4500
4892	Davls	Owner	3200
4893	Higgins	Rose	2500
4894	Foster	Allen	9100
4895	Kuhn	Peterson	9447
4896	Falko	Owner	4000
4897	Gallagher	Owner	3500
4898	Hufschmidt	Owner	10500
4899	Kelley	McOscar	3000
4900	Wilsey	Owner	6000
4901	Barker	Satey	2500
4902	Mills	Owner	1000
4903	Biggs	Owner	2900
4904	Kempie	Owner	2950
4905	Spiriglio	August	3200
4906	Thaxter	Owner	3000
4907	Seaton	Allen	3000
4908	Branlage	Owner	3000
4909	McMullen	Norgrave	4000
4910	Graves	Owner	7500
4911	Jensen	McDuffie	1000
4912	Southerland	Estey	1000
4913	National	Hudson	1000
4914	Burks	Marshall	16000
4915	Oakland	Kulchar	1000
4916	Saroni	Pond	3600
4917	Phillis	Grossett	6000
4918	Holdener	Broadway	1200
4919	Schneider	Carson	3500
4920	Schneider	Graff	16000
4921	Heltman	Owner	1800
4922	Nugent	Owner	2000
4923	Burns	Owner	3000
4924	Aronsen	Flittner	2250
4925	Same	Same	2250
4926	Associated	Deckelman	4740
4927	Boynton	Gastman	2200
4928	Wilson	Owner	2500
4929	Spring	Berkeley	2000
4930	Olin	Dickie	12000
4931	Scott	Thaxter	10000
4932	Cederborg	Owner	3800
4933	Martin	Power	4000
4934	Miller	Johnson	2900
4935	Caspra	Garello	3200
4936	Paul	Van Ness	3200
4937	Reeves	White	3000
4938	Reeves	White	3000
4939	Doyle	Miller	3000
4940	Doyle	Miller	3000
4941	W. S. Light	Le Duc	23800
4942	Woodburn	Owner	4000
4943	Anderson	Owner	3200
4944	Andrews	Andrews	3500
4945	Bracken	Andrews	1917.50
4946	Weeks	Orman	11000
4947	Shrader	Rose	7500
4948	Ferrari	Owner	1500
4949	Santos	Niemi	3000
4950	Chambers	Owner	3000
4951	Knapp	Miller	4800
4952	Aronsen	Flittner	3000
4953	Aronsen	Flittner	3000
4954	Billings	Williams	7400
4955	Croll	Moe	5000
4956	Croll	Moe	5000
4957	Gonsalves	Owner	2500
4958	Aronsen	Flittner	2860

DWELLING
(4871) NO. 26 JEROME AVE., Piedmont. One-story 6-room dwelling.
Owner—Geo. J. & Co., 177 Ridgeway Ave., Oakland.
Architect—None. \$5250

DWELLING
(4872) JEROME AVE., Piedmont. Two-story 7-room dwelling.
Owner—Geo. J. & Co., 177 Ridgeway Ave., Oakland.
Architect—None. \$5500

RESIDENCE
(4873) NO. 141 CAPERTON AVE., Piedmont. Two-story 8-room residence.
Owner—M. A. Anderson.
Architect—None.
Contractor—H. Goransen, 3476 Laguna Ave., Oakland. \$7842

RESIDENCE
(4874) NO. 11 FAIRVIEW AVE., Piedmont. One-story 5-room residence.
Owner—J. W. Wester.
Architect—None.
Contractor—Johnson & Son. \$3500

RESIDENCE
(4875) NO. 914 ROSE AVE., Piedmont. One-story 6-room dwelling.
Owner—W. H. Schubert, 95 Linda Ave., Oakland.
Architect—None.
Contractor—Tassen & Shields \$1800

ARMORY
(4876) NO. 1918 ADDISON, Berkeley. Two-story Class C armory.
Owner—C. S. Booth, 375 Euclid Ave., Berkeley.
Architect—None.
Contractor—S. A. Warner, 351 12th St., Oakland. \$25,000

ADDITION
(4877) NO. 258 HILLCREST ROAD, Berkeley. Addition.
Owner—E. L. Stockwell, Premises.
Architect—None.
Contractor—A. Cederborg, 1445 Excelsior Ave., Oakland. \$2500

DWELLING
(4878) NO. 2800 SAN PABLO AVE., Berkeley. Two-story 5-room dwlg.
Owner—D. Cancillo, 925 Grayson St., Berkeley.
Architect—None.
Contractor—F. Tomasello, 2314 1/2 8th St., Berkeley. \$3000

ALTERATIONS
(4879) 1447 BROADWAY, Oakland. Alterations.
Owner—Michaels Shoe Store.
Architect—None.
Contractor—S. Kulchar & Co., 5th Ave. and E 10th St., Okd. \$1000

DWELLINGS
(4880) W. BARTLETT 200, 240, 280 N. Penniman, Oakland. 3 1-story 6-rm. dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. \$3650 each

DWELLINGS
(4881) W. BARTLETT 40, 80, 120, 160 N. Penniman, Oakland. 4 1-story 6-room dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. \$3650 each

SERVICE STATION
(4882) N. W. COR. BDWY & ORCHARD. Oakland. 1-story steel service station.
Owner—Shell Co. of Cal., 343 Sansome St., San Francisco.
Architect—None. \$1400

DWELLING
(4883) E. FORTY-SEVENTH 200 N. Melrose Ave., Oakland. 1-story 5-room dwelling.
Owner—Fred Ohman, 5311 Wentworth Ave., Oakland.
Architect—None.
Contractor—H. H. Kruse, 6200 Majestic Ave., Oakland. \$3500

ADDITION
(4884) 1617 KIRKHAM, Oakland. Addition.
Owner—A. F. Lorence.
Architect—None.
Contractor—A. V. Dutra, 962 55th St., Oakland. \$2000

DWELLING
(4885) E. MINNA AVE 75 N. Allendale, Oakland. 1-story 5-room dwlg.
Owner—A. D. Crow, 224 8th St., Okd.
Architect—None.
Contractor—Jos. Couture, 44100 Allendale Ave., Oakland. \$3000

SCHOOL
(4886) NINETEENTH & TWENTIETH Aves. E-19th & E-20th Sts., Oakland. 2-story brick and concrete school.
Owner—Oakland High School District.
Architect—None

Contractor—R. W. Littlefield, 387 12th St., Oakland. \$668,000

DWELLINGS
(4887) S. E. TWENTIETH ST 20, 50, 90 and 120 E 9th Ave., Oakland. 4 1-story 5-room dwellings.
Owner—V. A. Dunn, Pantages Bldg., Oakland.
Architect—None.
Contractor—O. R. Johnson, 3131 Talbot Ave., Oakland. \$3000 each

ALTERATIONS
(4888) 686 SYCAMORE ST., Oakland. Alterations and addition.
Owner—N. Stewart, Redwood City.
Architect—None.
Contractor—J. E. Stewart, 686 Sycamore, Oakland. \$6000

DWELLING
(4889) W. SIXTY-THIRD N. Eastlawn, Oakland. 1-story 4-room dwlg.
Owner—F. H. Parker, 1127 8th Ave., Oakland.
Architect—None. \$2000

DWELLING
(4890) E. SIXTY-EIGHTH AVE 166 N. Hamilton St., Oakland. 1-story 4-room dwelling.
Owner—C. A. Jackson, 1118 68th Ave., Oakland.
Architect—None. \$2100

DWELLING
(4891) E. WOODRUFF 280 S. Hopkins, Oakland. 1-story 6-room dwlg.
Owner—Albert D. Grimes, 2011 University Ave., Berkeley.
Architect—None. \$1500

DWELLING
(4892) E. WILSON ST 230 N. Hopkins, Oakland. 1-story 5-room dwelling.
Owner—Geo. R. Davis, 3233 Hyde St., Oakland.
Architect—None. \$3300

FLATS & GARAGE
N. E. COR. 51st and Desmond Sts., E. Desmond St 110 N 51st St, N 51st St, E Desmond, Oakland. Three 2-story 16-room flats and garage.
Owner—Waldo E. Smith, 5413 Bldwy., Oakland.
Architect—None.

Contractor—Harry C. Knight, 388 12th St., Oakland. \$16,000 ea.
NOTE—Recorded contracts reported Nov. 6, 1922, No. 4822-21-26.

DWELLING
NO. 57 DOMINGO, Berkeley. Two-story 7-room dwelling.
Owner—E. L. Osborn, 477 North St., Oakland.
Architect—Slocome & Field, American Bank Bldg., Oakland.
Contractor—Tornell & Son, 351 12th St., Oakland. \$9000

NOTE—Recorded contract reported Nov. 10, 1922, No. 4870.

ALTERATIONS
(4893) 3027 FREMONT ST., Berkeley. Alterations and additions.
Owner—S. F. Higgins, Premises.
Architect—None.
Contractor—Mervin P. Rose, 946 Oxford St., Berkeley. \$2500

DWELLING
(4894) NO. 1107 MILVIA, Berkeley. Two-story 7-room dwelling.
Owner—E. Ronald Foster, 2931 Pine St., Berkeley.
Architect—E. Geoffrey Bangs.
Contractor—Allen & Conrad, 357 12th St., Oakland. \$9100

GARAGE
(4895) S. CHAMPION 300 E. Fruitvale, Oakland. One-story brick garage.
Owner—Kuhn & Sohrs.
Architect—None.
Contractor—Alfred Peterson, 3918 Limwood Ave., Oakland. \$9447

DWELLING

(4896) W COLE 250 N Ygnacio, Oakland. One-story 5-room dwelling.
Owner—A. E. Fake, 1552 10th Ave., Oakland.
Architect—None. \$4000

DWELLING

(4897) W DIVISION 165 S Hampel, Oakland. One-story 5-room dwlg.
Owner—J. P. Gallagher, 1010 60th St., Oakland.
Architect—None. \$3500

DWELLINGS

(4898) S FORTY-THIRD 163, 198 and 233 E West, Oakland. Three one-story 6-room dwellings.
Owner—Walter Hufschmidt, Federal Bldg., Oakland.
Architect—None. \$3500 each

DWELLING

(4899) W FRUITVALE AVE 373 S Brookdale Ave., Oakland. One-story 5-room dwelling.
Owner—Wm. D. Kelley, 2573 Fruitvale Ave., Oakland.
Architect—None.
Contractor—Wm. H. McOscar, 3301 E 23rd St., Oakland. \$3000

DWELLING

(4900) N HILGIST CIRCLE 300 E Hadson Road, Oakland. Two-story 8-room dwelling.
Owner—M. L. Wilsey, 2225 8th Ave., Oakland.
Architect—None. \$6000

REPAIRS

(4901) NO. 3867 HOWE, Oakland. Fire repairs.
Owner—J. H. Barker, 3872 Cerrito St., Oakland.
Architect—None.
Contractor—G. F. Estey, 1815 Hearst Ave., Berkeley. \$2900

BOILER ROOM

(4902) MILLS COLLEGE, Oakland. Boiler room.
Owner—Mills College.
Architect—None. \$1000

DWELLING

(4903) N NEY AVE 350 E Parker St., Oakland. One-story 5-room dwlg.
Owner—G. G. Biggs, 7868 Ney Ave., Oakland.
Architect—None. \$2000

DWELLING

(4904) E SEMINARY 400 S Scenic Way, Oakland. One-story 5-room dwelling.
Owner—Wm. S. Kepple, 2619 62nd Ave., Oakland.
Architect—None. \$3950

DWELLING

(4905) N THIRTY-SEVENTH 325 E Linden St., Oakland. One-story 6-room dwelling.
Owner—D. Spriglio, 690 27th St., Okd.
Architect—None.
Contractor—Manuel August, 913 Bancroft Way, Berkeley. \$3200

DWELLING

(4906) NO. 3030 BATEMAN, Berkeley. One-story 5-room dwelling.
Owner—F. W. Thaxter, 2117 Derby St., Berkeley.
Architect—None. \$3000

GARAGE

(4907) NO. 3130 COLLEGE AVE., Berkeley. Garage and apartments.
Owner—Seal Scaton, Premises.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St., Berkeley. \$3000

DWELLING

(4908) NO. 1524 CAPISTRANO, Berkeley. One-story 5-room dwlg.
Owner—E. D. Branlage, 1728 San Lorenzo Ave., Berkeley.
Architect—None. \$3000

DWELLING

(4909) NO. 1439 DWIGHT WAY, Berkeley. One-story 5-room dwelling.
Owner—Annie McMullen, 2414 Edwards St., Berkeley.
Architect—None.
Contractor—C. M. Norgrove, 2220 Roosevelt Ave., Berkeley. \$4000

DWELLINGS

(4910) NO. 1366 & 1370 HEARST AVE., Berkeley. Two one-story 5-room dwellings.
Owner—M. P. Graves, 1907 University Ave., Berkeley.
Architect—None. \$3750 each

DWELLING

(4911) NO. 261 TUNNEL ROAD, Berkeley. Two-story 8-room dwlg.
Owner—C. Jensen.
Architect—None.
Contractor—Mason McDuffie Co., Shattuck and Addison, Berkeley. \$6000

ADDITION

(4912) NO. 3868 CERITO AVE., Oakland. Addition.
Owner—Mrs. Southerland.
Architect—None.
Contractor—G. F. Estey, 1815 Hearst Ave., Berkeley. \$1000

ALTERATIONS

(4913) NE FIRST AND FRANKLIN, Oakland. Alterations.
Owner—National Nut Co. of Calif.
Architect—None.
Contractor—Hudson & Branagh, 2733 Foothill Blvd., Oakland. \$1000

APARTMENTS

(4914) N. FOOTHILL BLVD. 200 W Seminary Ave., Oakland. Two-story 15-room the apartments and stores.
Owner—R. J. Burks, Bacon Bldg., Okd.
Architect—None.
Contractor—Marshall & Burks, Bacon Bldg., Oakland. \$16,000

ALTERATIONS

(4915) SW GROVE AND AILEEN, Oakland. Alterations.
Owner—Oakland Bank, Premises.
Architect—None.
Contractor—S. Kulechar Co., 8th Ave. and E-10th St., Oakland. \$1000

DWELLING

(4916) E HAVENSCOURT 300 S Flora, Oakland. One-story 6-room dwlg.
Owner—L. Saroni, 806 Howard St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 1063 Ashmont Ave., Oakland. \$3600

DWELLING

(4917) N HOLMAN ROAD 650 E Mathews, Oakland. Two-story 7-room dwelling.
Owner—Eleanor Phillips, 159 12th St., Oakland.
Architect—None.
Contractor—C. A. Gossett, 327 Davis Court, San Leandro. \$6000

ALTERATIONS

(4918) NO. 3843 MARKET, Oakland. Alterations.
Owner—J. Holdener, 3300 Foothill Blvd., Oakland.
Architect—None.
Contractor—W. Broadway, 3432 Sallisbury St., Oakland. \$1200

ALTERATIONS

(4919) NO. 205 MOSS AVE., Oakland. Alterations and additions.
Owner—August Schneider.
Architect—None.
Contractor—E. A. P. Carson, 542 4th St., Richmond. \$3500

FLATS

(4920) SW ORCHARD and McCLURE, Oakland. Two-story 16-room flats.
Owner—Dora C. Schneider, 355 12th St., Oakland.
Architect—None.
Contractor—E. C. Graff, 350 12th St., Oakland. \$16,000

DWELLING

(4921) W SIXTY-FIRST AVE 200 S E-14th, Oakland. One-story 4-room dwelling.
Owner—W. W. Heltman, 1718 81st Ave., Oakland.
Architect—None. \$1800

DWELLING

(4922) NW THIRTY-FOURTH AND Hollis, Oakland. One-story 4-room dwelling.
Owner—D. C. Nugent, 1402 34th St., Oakland.
Architect—None. \$2000

DWELLING

(4923) E THIRTY-NINTH AVE 300 N Carrington, Oakland. One-story 5-room dwelling.
Owner—C. G. Burns.
Architect—None. \$3000

DWELLING

(4924) E HARRINGTON AVE 335 E Lyon being S 40 Lot 21 Blk 16, Map Boulevard Park, Oakland. All work for one-story 4-room dwelling.
Owner—H. Aronsen and J. T. Nittler, 2233 Santa Rita Ave., Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Ave., Oakland.
Filed Nov. 14, '22. Dated Nov. 13, '22.

Frame up	1/4
Brown coated	1/4
Completed and accepted	1/4
Usual 35 days	1/4
TOTAL COST, \$2260	

Bond, none. Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

DWELLING

(4925) N 10 LOT 21 and S 30 Lot 20 Blk 16, Map Boulevard Park, Oakland. All work for one-story 4-room dwelling.
Owner—H. Aronsen and J. T. Nittler, 2233 Santa Rita Ave., Oakland.
Architect—None.

Contractor—Jos. Flittner, 1700 35th Ave., Oakland.
Filed Nov. 14, '22. Dated Nov. 13, '22.

Frame up	1/4
Brown coated	1/4
Completed and accepted	1/4
Usual 35 days	1/4
TOTAL COST, \$2360	

Bond, none. Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

BARBER SHOP EQUIPMENT

(4926) UNIVERSITY GROUNDS, Berkeley. Barber shop equipment of Students' Union Building.
Owner—The Associated Students of University of California.
Architect—None.

Contractor—Deckelman Bros., Inc. 1645 Telegraph Ave., Oakland.

Filed Nov. 14, '22. Dated Nov. 6, '22.

On 10th of each month	75%
Usual 35 days	25%
TOTAL COST, \$4740	

Bond, \$2370. Surety, U. S. Fidelity & Guarantee Co. Limit, Jan. 1, 1923. Forfeit, \$50. Plans and specifications filed.

DWELLING

(4927) 2599 BUENA VISTA, Berkeley. Two-story 3-room dwelling.
Owner—C. C. Boynton.
Architect—None.
Contractor—H. H. Gastman, 1263 Euclid Ave., Berkeley. \$2200

GARAGE

(4928) E GROVE 50 S 63rd St., Oakland. One-story cement block garage.
Owner—M. T. and R. I. Wilson, 6231 Racine St.
Architect—None. \$2500

ALTERATIONS

(4929) N W COR SOLANO & COLUSA, Berkeley. Alterations.
Owner—Spring Estate Co.
Architect—None.
Contractor—Berkeley Bldg. Co. \$2000

DWELLINGS

(4930) 2143, 2145, 2149, 2153 SACRAMENTO, Berkeley. Four 1-story 5-room dwellings.
Owner—E. W. Ohn, 345 E-15th St., Okd.
Architect—None.
Contractor—Walter R. Dickie, 1340 Madison St., Berkeley. \$3000 ea

FLATS

(4931) N WARD 50 W Telegraph, Berkeley, 2-story 8-room flats.
Owner—W. R. Scott, 3 West View Dr Oakland.
Architect—None.
Contractor—P. W. Thaxter, 2117 Derby St., Berkeley. \$10,000

DWELLING

(4932) E VAN DYKE AVE, 210 S Brooklyn, Oakland. One-story 5-room dwelling.
Owner—A. Cederborg, 1145 Excelsior Ave., Oakland.
Architect—None. \$3800

DWELLING

(4933) E-45th AVE, 100 S E-12th St., Oakland, 1-story 6-room dwelling.
Owner—Marlin Soldatti, 41st and Market Sts., Oakland.
Architect—None.
Contractor—J. J. Power, 774 20th St., Oakland. \$4000

DWELLING

(4934) S FOOTHILL BLVD 50 E-10th Ave., Oakland. One-story 5-room dwlg.
Owner—W. E. Miller.
Architect—None.
Contractor—H. Elmer Johnson, San Leandro. \$2900

DWELLING

(4935) E FORTY-THIRD ST, 182 Webster, Oakland. One-story 5-room dwlg.
Owner—E. Capra, 143 43rd St., Oakland
Architect—None.
Contractor—P. Garello, 876 47th St., Oakland. \$3200

DWELLING

(4936) S GEORGIA ST 60 E Maple Ave., Oakland. One-story 4-room dwelling.
Owner—Mrs. Pauline Paul, 5537 Elm St., Oakland.
Architect—None.
Contractor—L. E. Van Ness, Box, 433 R. F. D. No. 1, Oakland \$2000

DWELLING

(4937) S W COR HARRINGTON and Custer, Oakland. One-story 5-room dwelling.
Owner—H. E. Reeves, 1505 37th Ave., Oakland.
Architect—None.
Contractor—C. N. White, 4040 Vale St., Oakland. \$3000

DWELLING

(4938) W HARRINGTON 65 S Custer, Oakland. One-story 5-room dwelling.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None.
Contractor—C. N. White, 4040 Vale St., Oakland. \$3000

DWELLING

(4939) S MELROSE Ave 48 E 48th Ave Oakland, 1-story 5-room dwelling.
Owner—J. S. Doyle, 4816 Melrose Ave., Oakland.
Architect—None.
Contractor—S. J. Miller, 4840 Melrose Ave., Oakland. \$3000

DWELLING

(4940) S E COR MELROSE & 48th Aves., Oakland. One-story 5-room dwelling.
Owner—J. S. Doyle, 4816 Melrose Ave., Oakland.
Architect—None.
Contractor—S. J. Miller, 4840 Melrose Ave., Oakland. \$3000

FACTORY

(4941) N W COR. NINETY-EIGHTH and Bancroft Ave., Oakland. One-story brick factory.
Owner—L. S. Light and Heat Corp., 5132 E-14th St.
Architect—None.
Contractor—J. C. Le Duc, care owner. \$23,800

DWELLING

(4942) W SHATFORD RD 46 N Brookwood lld., Oakland, 1-story 6-room dwelling.
Owner—P. L. Woodburn, 3130A College Ave., Berkeley.
Architect—None. \$1000

DWELLING

(4943) E-TWENTY-FOURTH AVE, 150 S E-20th St., Oakland, 1-story 5-room dwelling.
Owner—Chas. Anderson, 2384 E-22nd St., Oakland.
Architect—None. \$3200

DWELLING

(4944) S WELLINGTON 800 E Park Blvd., Oakland, 1-story 5-rm. dwlg. Owner—Andrews and Hufschmidt, Federal Bldg., Oakland.
Architect—None.
Contractor—F. A. Andrews. \$3500

DWELLING & GARAGE

(4945) PTN. LOTS 41 and 42 MAP Crocker Highlands, Oakland. Two-story frame dwelling and garage.
Owner—M. T. Bracken, 5563 Taft St., Oakland.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor—H. C. Andresen, 1229 Pearl St., Alameda.
Filed Nov. 15, 1922, Dated Nov. 13, 1922.
Frame up \$1787.60
Ready for lath 1787.60
Plastered 1787.60
Mill work completed 1787.60
Completed and accepted 1787.60
Usual 35 days 2979.50
TOTAL COST, \$11,917.50
Bond, none; Sureties, none; Forfeit, none; Limit, 90 days; Plans and Specifications filed.

DWELLING

(4946) NO. 800 HIGHLAND AVE., Piedmont. Two-story 10-room dwelling.
Owner—W. H. Weeks, 369 Pine St., San Francisco.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Chas. Norman, 844 45th St., Oakland. \$11,000

RESIDENCE

(4947) NO. 1080 HARVARD ROAD Piedmont. One-story 6-room residence.
Owner—Bert Shrader, 6 Van Buren Ct., Oakland.
Architect—None.
Contractor—Mervin P. Rose, 940 Oxford St., Berkeley. \$7500

DWELLING

(4948) NO. 1171 ARCH, Berkeley. One-story 3-room dwelling.
Owner—Emilio Ferrari, 1423 Scenic St., Berkeley.
Architect—None. \$1600

DWELLING

(4949) NO. 2565 MARTINEZ, Berkeley Two-story 6-room dwelling.
Owner—Delinda Santos.
Architect—None.
Contractor—A. Nilmi, 2320 Browning St., Berkeley. \$3000

DWELLING

(4950) W ELEVENTH AVE 150 S E-22nd St., Oakland. One-story 5-rm. dwelling.
Owner—J. F. Chambers, Plaza Bldg., Oakland.
Architect—None. \$3000

GARAGE

(4951) S FORTY-FIRST ST, 500 E Linden St., Oakland. One-story tile shed and 1-story brick garage.
Owner—Ariss Knapp.
Architect—None.
Contractor—F. A. Muller, Syndicate Bldg., Oakland. \$1800

DWELLING

(4952) W HARRINGTON AVE 450 N Douglas, Oakland. One-story 5-rm. dwelling.
Owner—Aronsen & Nettler, 2233 Santa Rita, Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Av. Oakland. \$3000

DWELLING

(4953) E HARRINGTON 200 S Lyon, Oakland. One-story 4-room dwlg.
Owner—Aronsen-Nittler, 2233 Santa Rita, Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Ave Oakland. \$3000

DWELLING

(4954) S HILGIRT CIRCLE 63 E Had-don Rd., Oakland, 2-story 8-room dwelling.
Owner—Mrs. Jane Sanders Billings, 377 Moraga Rd., Oakland.
Architect—None.
Contractor—Chas. C. Williams, 1524 Franklin St., Oakland. \$7400

DWELLING

(4955) S E COR LOCKWOOD ST and 63th Ave., Oakland, 1-story 4-room dwelling.
Owner—W. A. Croll, 1905 65th Ave Okd.
Architect—None.
Contractor—H. A. Moe, 4168 Allendale Ave., Oakland. \$2500

DWELLINGS

(4956) S LOCKWOOD 80 & 120 E 69th Ave., Oakland. Two 1-story 4-room dwellings.
Owner—W. A. Croll, 1905 69th Ave. Okd.
Architect—None.
Contractor—H. A. Moe, 4168 Allendale Ave., Oakland. \$2500 each

DWELLING

(4957) E NINETY-THIRD AVE 175 N St., Oakland. One-story 4-room dwelling.
Owner—Joe Gonsalves, 2239 92nd Ave., Oakland.
Architect—None. \$2500

DWELLING

(4958) NE 40x90 LOT 13 BLK 17, MAP Boulevard Park, Oakland. All work for one-story 5-room dwlg.
Owner—H. Aronsen and J. T. Nittler, 2233 Santa Rita Ave., Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Ave., Oakland.
Filed Nov. 16, '22, Dated Nov. 15, '22.
Frame up 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$2860
Bond, none. Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

**COMPLETION NOTICES
ALAMEDA COUNTY**

Recorded Accepted
Nov. 10, 1922—W MILVIA 90 N Blake N 40 W 117.55 S 40 E 37 E 77.37, Berkeley. Ada Florence Shepherd to Jordan & Zeile. Nov. 9, 1922
Nov. 10, 1922—SE SIXTH AND UNIVERSITY AVE, BERKELEY. The Berkeley Dispensary by James W Plachek to Scott Co. Nov. 9, 1922
Nov. 10, 1922—LOT 11 BLK 2, Map East Piedmont Heights Extn., Oakland. Charles L and Mary E Sullivan to G A and R A Bissell. Nov. 9, 1922

Nov. 10, 1922—W 1/2 LOTS 10 and 11 Blk "A" Map Suburban Tract, Berkeley. P T Caya to Frank J. Miller Oct. 1, 1922

Nov. 10, 1922—SE MAGEE AVE 317-6 SW California SW 47-68E 120, Oakland. Alda Casella to E. L. Blackman Oct. 28, 1922

Nov. 10, 1922—E E-FOURTEENTH 842 N Stanley Ave 210.83x1032.76, Oakland. Star Motor Co of Calif to Alta Roofing Co., Nov. 1, 1922

Nov. 10, 1922—LOT 24 BLK 20 Map Northbrae, Albany. Thomas W. Firby to R. Perrotti Nov. 9, 1922

Nov. 13, 1922—LOT 12 BLK 11 Map Fourth Avenue Heights, Oakland. E. L. Furiong to whom it may concern Nov. 9, 1922

Nov. 13, 1922—W GRAND 100 S Dayton Ave 50x150, Alameda. Herbert P. Mee to Melnich Bros., Nov. 4, 1922

Nov. 13, 1922—CENTRAL COUNTY Road 3589 10.32 ch E County Road 948 SW 16.21 ch SE 8.80 ch NE 9.50 ch NW 744.98, Eden Pt. Meadows Dairy & Poultry Co. Inc to Julius Hovovitz, Oct. 20, 1922

Nov. 13, 1922—17N LOTS 21, 26 & 27 Sanborn Tract, S. Svend Hansen Braar to J. B. Petersen, Nov. 10, 1922

Nov. 13, 1922—LOT 19 BLK 17, Lakeshore Highlands, Oakland. D. T. Buckley to A. F. Marshall, 1922

Nov. 14, 1922—PTN LOT 75 Map Pleasant Valley Court, Oakland. George Ernest to whom it may concern Nov. 14, 1922

Nov. 14, 1922—LOT 10 Map Madison Square, Oakland. G. K. Porterfield to Rudolf Norlin, Oct., 1922

Nov. 14, 1922—LOT 28 BLK 13 Map Northbrae, Berkeley. C. M. Norgrove and W. W. Eckley to whom it may concern Nov. 10, 1922

Nov. 15, 1922—BERKELEY. Regents of U. of C. to Standard Auto Construction Co., Nov. 7, 1922

Nov. 15, 1922—NE BERKELEY WAY and California E 37.50xN 90, Berkeley. P. E. Marquis to whom it may concern Nov. 13, 1922

Nov. 15, 1922—NW THIRTY-FIFTH AVE 135.11 NE E-18th NE 37xNW 120, Oakland. Andrew and Marie Brand to Jos. Plittner, Nov. 15, 1922

Nov. 15, 1922—S HOPKINS 186 W 14th 46xS 144.9, Oakland. Mrs. Bertha Zak to Henry W. Macdonald, Nov. 14, 1922

Nov. 15, 1922—S FORTY-SEVENTH 406 W West, Oakland. Wallace Investment Co to W. E. Sullivan, 1922

Nov. 15, 1922—PARK BLVD 225.68 W Brooklyn Ave W 38, Oakland. L. A. Fish to whom it may concern, Nov. 12, 1922

Nov. 14, 1922—NO. 4001 AGUA VISTA Oakland. J. W. Winther to whom it may concern, Sept. 1, 1922

Nov. 14, 1922—LOTS 22 AND 23 BLK 3 and LOT 8 BLK 4, Map East Lawn, Oakland. V. A. Dunn to whom it may concern, Nov. 14, 1922

Nov. 16, 1922—LOT 50 BLK "I" Maxwell Park, Oakland. John P. Maxwell to whom it may concern, Oct. 27, 1922

Nov. 16, 1922—E MARKET 181.93 SE First 6 660.21 NE 287.09 NE 438.5 SE 356.2, Oakland. Pacific Gas & Electric Co. to Duncanson-Harrelson Co., Nov. 10, 1922

Nov. 16, 1922—LOT 25 BLK 3 Map Northbrae, Berkeley. A. J. Pollard to whom it may concern, Nov. 10, 1922

Nov. 15, 1922—LOT 12 FAIRMOUNT Park, Albany. Peter Tengvall to whom it may concern, Nov. 13, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Nov. 13, 1922—NO. 1719 NINTH ST., Berkeley. Mike Frelick, \$22; Al-

bert Demen, \$66.62; Joseph Schmidt \$16.79 vs A Negro and C C Williams
Nov. 13, 1922—NO. 1403 SACRAMENTO ST., Berkeley. Albert Demen, \$123.77; Mike Lehner, \$55; Mike Frelick, \$44; Joseph Schmidt, \$13.01
John German, \$44 vs Theodore R. Arnberger and C C Williams, Nov. 13, 1922

Nov. 13, 1922—NO. 822 SHATTUCK AVE, Berkeley. John German, \$18.50; Albert Demen, \$16.03; Jos Schmidt, \$20.88 vs H L Bennett and C C Williams, Nov. 14, 1922

Nov. 14, 1922—NE MILLROSE 50 SE 47th Ave SE 50xNE 130, Oakland. Rhodes-Jamieson & Co vs O Zetterblad \$191.65

Nov. 14, 1922—NE MILLROSE 50 SE 47th Ave SE 50xNE 130, Oakland. J. E. and C. W. Lannon (Lannon Bros Mfg Co.) vs O Zetterblad, \$130.20
Nov. 14, 1922—SHATTUCK AVE and Berkeley Way E 53.8XS 134, Berkeley. T. J. Carney vs Eva Oslander, Max Applebaum, J. Goldman and A. Schlueter & Co., \$411.70

Nov. 14, 1922—E 30 FT. LOT 24 W 10 ft. Lot 25 Blk "M" Map Harmon Tract, Berkeley. Sunset Lumber Co vs R. H. Cross and W. G. Ahlf, \$133.29

Nov. 14, 1922—LOT 22 BLK "O" Map Harmon Tract, Berkeley. Sunset Lumber Co vs W. Hass and W. G. Ahlf, \$641.25

Nov. 15, 1922—W WARFIELD AVE 250 N Wickson, Oakland. Contra Costa Bldg Material Co vs Geo. C. Garcia, A. Sommarstrom and Alda C. Picardo, \$256.30

Nov. 15, 1922—E JACKSON 92 S 15th S 50x E 150, Oakland. M. Stulsalt & Co vs George M. and Cora C. Magruder and George A. Williams and F. L. Warner, \$342.38

Nov. 15, 1922—NW COTTAGE AND York, Oakland. M. Stulsalt & Co vs Edwin C. and B. I. Graff and F. L. Warner, \$1079.59

Nov. 15, 1922—E BROADWAY 100 N 40th E 100 N 49.37 W 100 S 50, Oakland. M. Stulsalt Co vs Hade C. and Jeanette M. Stormer, Thomas Ruthertford and F. L. Warner, \$655.81

Nov. 15, 1922—SE WOOLSEY AND Telegraph AVE E 87.65 S 82.7 W 110 N 85.39, Oakland and Berkeley Joseph Kann vs Christine Ann MacLean, \$216.56

Nov. 15, 1922—E BROADWAY 210 S Washington S 40xE 140-2, Alameda E K Wood Lumber Co vs Benedetto Cerruti and J. P. Silva, \$463.08

Nov. 15, 1922—LOT 39 1/2 Map North Crommont, Berkeley. E. K. Wood Lumber Co vs Margaret Edith Foreman and Charles E. Arthur, \$482.27

Nov. 16, 1922—SE SHATTUCK AVE and Berkeley Way E 53.8 S 134 W 53.8 N 134.4, Berkeley. A. G. Hathcock vs Eva Oslander, Max Applebaum, J. Goldman and A. Schlueter & Co, \$114.72

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Nov. 10, 1922—SW 15 LOT 215 and NE 25 LOT 216 Map 5th Avenue Terrace Extn, Oakland. William MacDougall to A. Peterson, Jos and Belle Moysse, \$300

Nov. 15, 1922—LOT 35 and N 10 Lot 36 Blk 73, Resubdivision Blk 73, North Addition Brooklyn, Oakland. E. K. Wood Lumber Co to J. P. Silva and M. J. Furtado, \$323.24

Notice of Non-Responsibility

ALAMEDA COUNTY

Nov. 14, 1922—SW 5 LOT 15, all Lot 16 and NE 10 Lot 17 Blk 13, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property, Nov. 14, 1922

Nov. 16, 1922—PT OPP ENG. STATION 132-42 SW 104 SE 219.78 SE 78.5 NE 55 N to pt beg., Southern Pacific Co as to improvements on property, Nov. 16, 1922

BUILDING CONTRACTS

FRESNO COUNTY

\$5,000 and Over Reported

DWELLING, \$9000; No. 1619 Thomas Ave, Fresno; owner, C. R. Wofford contractor, Geo. C. Boles, Cory Bldg., Fresno.

DWELLING, \$6300; No. 844 McKinley Ave., Fresno; owner, C. O. Morris, 535 Forthcamp St., Fresno; contractor, Roy Martin, Fresno.

APARTMENT house, \$12,000; No. 432 Olive Ave., Fresno; owner, Berton & Wolf, Bank of Italy Bldg., Fresno

APARTMENT house, \$25,000; No. 150 Howard St., Fresno; owner, C. N. Nobles, 348 Valencia St., Fresno; contractor, Roy Martin, Fresno.

STORE

LOT 18, N-VAN NESS TCT., Fresno. All work for one-story brick store. Owner—O. J. Woodward Jr., 2440 Mariposa St., Fresno.

Architect—E. Mathewson, Cory Bldg., Fresno.

Contractor—Howard Dickey, 150 Howard St., Fresno.

Filed, Dated Nov. 6, 1922.

As work progresses, 75%

Usual 35 days, 25%

TOTAL COST, \$7628

Bond, \$1907. Sureties, Ed. Hertweck and J. C. Young. Limit, 50 working days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Nov. 8, 1922—LOTS 7, 8 AND 9 BLK 1, Fenway Tract, Fresno. Laura J. Jones to whom it may concern, Nov. 4, 1922

Nov. 10, 1922—LOT 36 & 20 feet Lot 37 Blk 3, High Addition; Lots 31 and 32 Blk 9, High Addition; Lots 10 and 11 Blk 3, Sierra Vista Addn., Fresno. J. A. Schlotthauer to whom it may concern, Nov. 9, 1922

Nov. 10, 1922—LOT 17 PTN LOT 18 Blk 79, Fresno. H. L. Mellen to whom it may concern, Nov. 8, 1922

Nov. 10, 1922—LOTS 9, 10 AND 11 Blk 5, Central Addition, Fresno. Adelaide Wallace to whom it may concern, Nov. 8, 1922

Nov. 13, 1922—LOTS 12 AND 13 BLK 3, Sierra Vista Addn., Fresno. J. A. Schlotthauer to whom it may concern, Nov. 10, 1922

Nov. 13, 1922—LOT 9 PTN LOTS 8 & 10 Blk 6, College Addn., Fresno. John W. Moore to whom it may concern, Nov. 10, 1922

LIENS FILED

FRESNO COUNTY.

Recorded Amount
Nov. 9, 1922—50 FT. LOTS 1 AND 2 Blk 41, Fresno. L. K. Cone vs Arthur Spiropoulos, \$878

Recorded Amount
Nov. 15, 1922—LOTS 21 TO 24 BLK 42, San Joaquin. Midstate Pipe & Supply Co vs S J Valley Farms Land Co, \$228

Nov. 14, 1922—LOT 28 Bullard North Fresno Addition. Sunset Lumber Co vs H. A. Stewart, \$376

Nov. 13, 1922—N 50 FT. LOTS 1 AND 2 Blk 41, Fresno. Bingham-Wenks Planing Mill vs Arthur Spiropoulos, \$250

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2,500 and Over Reported

DWELLING, two-story 6-room and garage, \$4000; No. 1316 47th St., Sacramento; owner, H. G. Denton, 3237 W St., Sacramento.

ADDITIONS to El Dorado and Jefferson Schools, \$28,946; 53rd and J Sts and 16th and 17th and N Sts., Sacramento; owner, City School Dist., recorded Nov. 2, 1922.

DWELLING, one-story 4-room, \$2500. No. 3929 First Ave., Sacramento owner, D. E. Little, San Jose; contractor, P. Lopez, 3943 Montgomery Way, Sacramento.

DWELLING, one-story 5-room and garage, \$4650; No. 812 42nd St., Sacramento; owner, Anna E. Williams, 4440 San Benita St., Sacramento.

RESIDENCE, two-story, \$9860; Lot 1840 W & K Tract 24, Sacramento; owner, Robert Schwab, 2426 H St., Sacramento; contractor, E. D. Brier, 321 27th St., Sacramento, recorded Nov. 3, 1922.

PUBLIC garage, one-story, \$3000; No. 1212 16th St., Sacramento; owner, Hoffman Estate Co., 1609 M St., Sacramento; contractor, P. Lopez, 3034 Montgomery St., Sacramento.

BANK building, brick and tile work, \$10,000; No. 530 K St., Sacramento; owner, Bank of Italy, 1112 7th St., Sacramento; contractor, H. E. Drake, 180 J St., Sacramento.

DWELLING, one-story 5-room and garage, \$3650; No. 848 Mission Way, Sacramento; owner, W. P. Cippa, 2560 27th St., Sacramento.

DWELLING, one-story 4-room and garage, \$5150; No. 2120 29th St., Sacramento; owner, Jules Isard, 514 11th St., Sacramento; contractor, C. O. Dudley, 3249 10th Ave., Sacramento; recorded Nov. 1, 1922.

DWELLING, 5-room and garage, \$4500 No. 1432 42nd St., Sacramento; owner, C. C. Chapman, 1320 N St., Sacramento.

DWELLING, one-story 5-room and garage, \$3800; No. 2416 26th St., Sacramento; owner, T. Schluecker, 2600 Marshall St., Sacramento.

DWELLINGS, two, one-story 5-room and garage, \$4850 each; No. 3031-3035 I St., Sacramento; owner, M. J. Rainey, 2210 F St., Sacramento contractor, F. Molaney, 1801 U St., Sacramento.

REMODEL two-story dwelling, \$3000; No. 1706 16th St., Sacramento; owner, Leo Stephens, Premises.

DWELLING one-story 5-room and garage, \$3000; No. 3018 42nd St., Sacramento; owner, H. Harvey, 1865 49th St., Sacramento; contractor, Rowen & Sons, 1816 F St., Sacramento.

DWELLING, one-story 5-room and garage, \$2500; No. 1241 32nd St., Sacramento; owner, C. Kroch, 3418 L St., Sacramento.

DWELLING, one-story 5-room and garage, \$4550; No. 1224 47th St., Sacramento; owner, Miss M. Anderson, 2715 K St., Sacramento; contractor, B. H. Hill, 3252 Marshall St., Sacramento.

CHURCH annex, two-story stucco, \$10,000; No. 2832 34th St., Sacramento; owner, Church of Latter Day Saints, Premises; contractor, Geo. F. Wright, 3981 2nd Ave., Sacramento.

DWELLING, one-story 4-room and garage, \$2500; No. 3072 37th St., Sacramento; owner, Bruce McGinnis, Rosemeite Ave., Colonial Heights, Sacramento; contractor, Chas. Peterson, Box 221, Sacramento.

DWELLING, two-story 6-room and garage, \$4000; No. 1616 41st St., Sacramento; owner, J. P. Willett, 2216 26th St., Sacramento.

DWELLING, one-story 5-room and garage, \$4550; No. 1224 47th St., Sacramento; owner, Miss M. Anderson, 2715 K St., Sacramento; contractor, B. H. Hill, 3252 Marshall St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Nov. 3, 1922—LOT 1193, Sacramento. H. W. Hills to whom it may concern, Oct. 5, 1922
Nov. 13, 1922—LOT 697 W & K Subd., 20, Fresno. Joe G. Silva to whom it may concern, Nov. 10, 1922

LIENS FILED

SACRAMENTO COUNTY.

Recorded Nov. 10, 1922—N 1/4 LOT 5, K, L, 3rd & 4th Sts., Sacramento. St. George Hotel Co and Nicholas N S Matcovich vs Frank Lobbs, \$13,073.91; \$1000; \$2300 and \$9773.91

BUILDING CONTRACTS

SANTA CLARA COUNTY

\$1,000 and Over Reported

RESIDENCE HANCHETT PARK. San Jose. All work for two-story frame residence. Owner—A. E. Wilkinson, San Jose. Architect—A. M. Whiteside, 71 S-19th St., San Jose.

Contractor—V. Maggio, 750 S-Fifth St., San Jose.
Filed Nov. 13, '22. Dated Nov. 13, '22.
Frame up and rafters on.....\$2000
1st coat plaster on.....2000
Completed and accepted.....2000
Usual 35 days.....2200
TOTAL COST, \$8200

Bond, none. Limit, 90 working days from Nov. 13, 1922. Forfeit, none. Plans and specifications filed.

COTTAGE SAN JOSE. All work for one-story five-room frame cottage. Owner—J. B. Seely Jr., San Jose. Architect—None.

Contractor—Hastings Bros., 204 Bank of San Jose Bldg., San Jose.
Filed Nov. 10, '22. Dated Nov. 1, '22.
Frame up\$ 925
1-st coat mortar on.....1000
Building completed1000
Usual 35 days.....1375
TOTAL COST, \$4300

Bond, none. Limit, 75 working days from Nov. 1, 1922. Forfeit, none. Plans and specifications filed.

RESIDENCE PALO ALTO. All work for five-room residence.

Owner—C. B. Smith, Palo Alto. Architect—None.

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, RenoSACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Contractor—W. S. Conter & Co., Palo Alto.

Filed Nov. 10, '22. Dated Nov. 10, '22.
Foundation in and rough lumber on ground\$1408
When under roof.....1408
When completed.....1408
Usual 35 days.....1408
TOTAL COST, \$5632

Bond, \$5632. Surety, Mrs. Agnes J. Conter. Limit, 95 days after Nov. 10, 1922. Forfeit, none. Plans and specifications filed.

DWELLING

SAN JOSE. All work for one-story 4-room and bath frame dwelling.

Owner—G. and P. D. Howland, 88 Edwards Ave., San Jose.

Architect—None.
Contractor—Albert Willmott, 40 South Lincoln Ave., San Jose.
Filed Nov. 8, '22. Dated Oct. 13, '22.
Roof on\$600
Plaster on600
Completed and accepted.....600
Usual 35 days.....600
TOTAL COST, \$2400

Bond, \$1200. Sureties, H. J. Pascoe and Otto E. Schnable. Limit, Forfeit, none. Plans and specifications filed.

DWELLING

SAN JOSE. All work for one-story 3-room frame dwelling.

Owner—Edwin F. Mosher, Sunnyvale. Architect—None.

Contractor—Hastings Bros., 204 Bank of San Jose Bldg., San Jose.
Filed Nov. 10, '22. Dated Oct. 21, '22.
Frame up\$462
1st coat mortar on.....462
Building completed.....462
Usual 35 days.....954
TOTAL COST, \$2340

Bond, none. Limit, 40 working days after Nov. 10, 1922. Forfeit, none. Plans and specifications filed.

BUNGALOW

SAN JOSE. All work for five-room frame bungalow.

Owner—J. W. Ford, 515 Morse St., San Jose. Architect—None.

Contractor—William H. O'Neil, 500 N-15th St., San Jose.
Filed Nov. 14, '22. Dated No. 10, '22.
Frame up\$871.25
Brown coat plaster on.....871.25
Upon completion871.25
Usual 35 days.....871.25
TOTAL COST, \$3485

Bond, none. Limit, on or before Feb. 10, 1923. Forfeit, \$10 a day. Plans and specifications filed.

COTTAGE

SAN JOSE. All work for one-story 5-room frame cottage.

Owner—John A. Huber, 486 Orchard St., San Jose. Architect—None.

Contractor—Hastings Bros., 204 Bank of San Jose Bldg., San Jose.
Filed Nov. 10, '22. Dated Nov. 8, '22.
Frame up\$1075
1st coat mortar on.....1075
Building completed1075
Usual 35 days.....1075
TOTAL COST, \$4800

Bond, none. Limit, 90 working days after Nov. 10, 1922. Forfeit, none. Plans and specifications filed.

ROOMING house, two-story, \$35,875; N Fifteenth near Santa Clara St., San Jose; owner, San Jose Hospital Association, Theatre Bldg., San Jose; architect, Blinder & Curtis, 255 1/2 S-Firist St., San Jose; contractor, F. T. Edmans, 143 N-8th St., San Jose.

ADDITIONS, \$5385; W Santa Clara St. near River, San Jose; owner, Roy Phelps, 809 H St., San Jose; contractor, R. O. Summers, 17 N-First St., San Jose.

COTTAGES, 5-room, \$3235; Colfax and Locust Sts., San Jose; owner, Edw. Lannin; contractor, Dodd & Magors

COTTAGE, 5-room, \$2500; 8-Eighth St. near Martha, San Jose; owner, E. A. Roberts.
COTTAGE, 5-room, \$3235; Colfax St. near Locust, San Jose; owner, M. Shanley; contractor, Dodd & Majors.
ALTEH rooming house, \$1250; Santa Clara and San Pedro Sts., San Jose; owner, The Lewis Co. Premises; contractor, W. A. McDaniels, 542 S-Eighth St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY.

Recorded Amount
Nov. 9, 1922—PALO ALTO, Henry Schoelhamer to Hansen & Fors. \$1000
Nov. 10, 1922—SAN JOSE, C O Mare to whom it may concern. Nov. 9, '22
Nov. 10, 1922—SAN JOSE, Southern Pacific Co to Z O & R S Field. \$1000
Nov. 10, 1922—PALO ALTO, Mary Alice Kimball Tyler to Wells P Goodenough. \$1000
Nov. 13, 1922—PALO ALTO, Jeanne J Nelson to whom it may concern. \$1000
Nov. 14, 1922—SAN JOSE, John Harvey to whom it may concern. \$1000
Nov. 14, 1922—SAN JOSE, Carrie S Protty to whom it may concern. \$1000
Nov. 14, 1922—SAN JOSE, W B Reese and J H Hallaux to whom it may concern. \$1000
Nov. 14, 1922—PALO ALTO, The Library Board, City of Palo Alto to United Materials Co. \$1000

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Nov. 13, 1922—28.94 ACRES LOT 18, Machado Tct, Santa Clara County. M William Davis vs Bodo Antonio Sebben, John Sebben and William Bone. \$110

BUILDING CONTRACTS

SAN MATEO COUNTY

PORTION of Congregational Church, \$25,000; Tilton and Ellsworth Sts., San Mateo; owner, San Mateo Congregational Church; architect, Jas. W. Plachek, 2014 Shattuck Ave., Berkeley; contractor, Leadley & Wiseman, 207 2nd St., San Mateo.
BUNGALOW, \$4000; Lot 4 Blk 4, San Mateo; owner, James Rich; contractor, B. E. Miller.

GLAZING, ETC.
NEAR WALBRIDGE AND SCHWERIN St., Visitation Valley. All work for furnishing and glazing Martin Sub-Station.

Owner—Pacific Gas & Electric Co.
Architect—None.
Contractor—Fuller & Goepf, 32 Page St., San Francisco.

Filed Nov. 14, '22. Dated Oct. 31, '22.
Completed. 75%
Usual 35 days. 25%
TOTAL COST, \$347
Bond, \$475 Surety, Fidelity & Deposit Co. of Maryland. Limit, 15 days.
Forfeit, none. Plans and specifications filed.

STORE
LOT 25 BLK 140, South San Francisco. All work for one-story Class C store building.
Owner—R. M. McColgan.
Architect—O'Brien Bros., 240 Montgomery St., San Francisco.
Contractor—M. E. Greene, 1233 45th Ave., San Francisco.
Filed Nov. 19, '22. Dated Nov. 6, '22.
Ceiling joists placed. \$1224.35

Rough plumbing in. \$124.39
Brown coated. \$124.37
Completed. \$124.39
Usual 35 days. \$1632.50
TOTAL COST, \$6530.00

Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

RESIDENCE, ETC.

S 1/2 LOT 2 BLK 2, Hillsborough. All work for one-story frame residence and garage.
Owner—Ashley R. and Caroline J. Farhiss, San Mateo.
Architect—E. L. Norberg, Balboa Bldg., San Francisco and Burlingame.
Contractor—J. F. Turney, 26 North C St., San Mateo.

Filed Nov. 13, '22. Dated Nov. 8, '22.
Frame up. \$2000
Brown coated. 2000
Completed. 2000
Usual 35 days. \$3000
TOTAL COST, \$5000

Bond, \$4000. Sureties, Charles Pedersen and John Remus. Limit, 90 working days. Forfeit, \$10. Plans and specifications filed.

DWELLING, two-story, \$7000; San Mateo; owner, W. B. Jacoby, 421 Occidental Ave., San Mateo; architect, J. Montgomery, 323 Clark St., San Mateo; contractor, G. H. Arthur, 409 Occidental Ave., San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Amount
Nov. 6, 1922—LOT 20 BLK 28, Lion & Hoag Sub., Burlingame. Wm Blumh to J L Coyle and M Sorenson. \$1000
Nov. 6, 1922—LOT 8 BLK 25, Easton No. 2, Burlingame. Grover C Bishop to John Rutherfordale. \$1000
Nov. 6, 1922—LOTS 26 AND 27 BLK 3, Glenwood Park, Burlingame. Henry William and Gladys Flora Beckenogen to Wilson & Benson. \$1000
Nov. 6, 1922—N 50 FT. LOT 24, Burlingame Hghts, Burlingame. Sarah L Backenogen to Wilson & Benson. \$1000
Nov. 9, 1922—LOT 19 BLK 28, Easton Addition No. 2, Burlingame. H H Putnam to whom it may concern. \$1000
Nov. 9, 1922—LOT 18 BLK 6, Easton Addition, Burlingame. H H Putnam to whom it may concern. \$1000
Nov. 9, 1922—LOT 18 BLK 20, Easton Addition No. 2, Burlingame. Mrs. Jules Wolf to J W Bale & William Croop. \$1000
Nov. 13, 1922—LOTS 6, 7, 8 and 9 Blk 9, Easton Addn. No. 1, Burlingame. George Emperopulos to whom it may concern. \$1000
Nov. 13, 1922—LOT "F" BLK 5, Burlingame Terrace, Burlingame. D Houle to whom it may concern. \$1000
Nov. 13, 1922—LOTS 12 AND 13 BLK 18, Dingee Park, Redwood City. Ethel Otzen to Gus Waller. Nov. 11, '22

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Nov. 13, 1922—LOTS 12 AND 18 BLK 18, Burlingame. The Cadwalder-Gibson Co. to Augustus Julius Belfrage. \$181.86

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

RESIDENCE, \$4000; No. 670 E-Scotts St., Stockton; owner, Horace S. Nichols.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Nov. 1, 192—LOTS 1 AND 3 BLK 12, E of Center St., Stockton. Max Levy to Schrader Iron Works....
Nov. 9, 1922—BLK 265, E of Center St., Stockton. Hattie Gail to J Allen, Builders Iron Works; J P O'Neil, Gannon & McCarty, L N Douville and H P Fischer, Pahl-Harry Co; Jack Cumme; Gool & Johns; W P Fuller Co; Union Planning Mill; San Joaquin Lumber Co & E Gordon. \$1000
Nov. 14, 1922—W 12 ACRES OF SW 1/4 of NW 1/4 of Sec. 9 T 3 N. R 7 E Stockton. Solomon G Meier to Reinhardt Senner. \$1000
Nov. 10, 1922—LOT 16 BLK 77, E of Center St., Stockton. Ann Camicia to T E Williamson. \$1000
Nov. 10, 1922—HIGH SCHOOL DIST., Stockton. Board of Education to Shepherd & Riley. \$1000

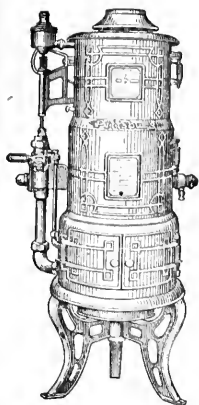
LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Nov. 13, 1922—NO. 602 E-SECOND St., Stockton. E O Bonin vs E G Deistler. \$530.50

BUSINESS OPPORTUNITIES

Further information regarding these opportunities may be had from Foreign and Domestic Trade Bureau, San Francisco Chamber of Commerce, Merchants Exchange Bldg., by referring to index number.
-6426—Vladivostok, Russia. Gentleman with 10 years experience in Siberia is returning to that country this month and desires to represent San Francisco manufacturers or dealers. Agencies for rubber goods, refrigerating machinery, salt mining machinery are especially desired.
-6427—Chalchihuites, Mexico. Firm is erecting a small plant to treat ores and wishes to get in touch with San Francisco manufacturers of steam stamp mills.
-6431—Germany. German novelty manufacturer of coat hangers, screw drivers, wrenches, razor straps, etc., has sent descriptive literature desiring to sell local dealers.
-6438—Medina, O. Firm wishes to buy fibre suitable for weaving into furniture.
-6439—El Paso, Tex. Dealer wishes to purchase raton and fibre similar to his samples on file with this Bureau.
-6440—Texas. Business man with excellent references and twenty years' actual experience in Mexico desires to communicate with reliable San Francisco houses who desires competent representation below the border.
-D-300—Chicago, Calif. Party desires to buy quantity of roofing slate—wants prices and full information.
-D-310—San Francisco, Calif. Local house desires to get in touch with concern manufacturing bone and horn button manufacturing.
-D-312—Toledo, O. Radio manufacturer desires representative to handle their products this market.
-D-314—Dubuque, Iowa. Party who was chief engineer of Swift & Company's plants in South America desires to locate himself in some local industrial products.
-D-315—Los Angeles, Calif. Party desires to get in touch with suppliers of True Venetian Turpentine.
-D-316—San Francisco, Calif. Local concern has warehoused in Pennsylvania quantity of Battleship and heavy plain scrap linoleum—also quantity of cork carpet scrap, approximately 20,000 pounds. Material suitable for playhouses, for toys, bathing slippers, metal windows, etc. Parties interested in purchasing this material communicate with Domestic Trade Bureau.
-D-320—Tempe, Tex. Two young men desire to act as salesmen in Texas territory for San Francisco manufactured products.
-D-323—New York City, N. Y. Manufacturers and dealers in all kinds of steels desire contact with real live selling organization San Francisco.



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BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

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Fresno, Los Angeles & San Diego

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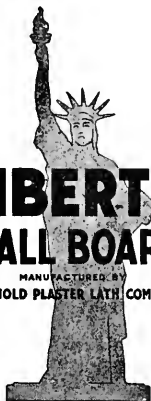
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Publication Office
500 Mission Street

SAN FRANCISCO, CALIF., NOVEMBER 25, 1925

Published Every Saturday
Twenty-second Year No. 47

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210 American National Bank Building

*Permanence
Economy*

Wall

*Appearance
Comfort*

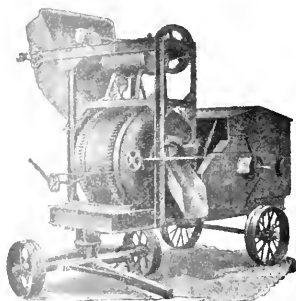
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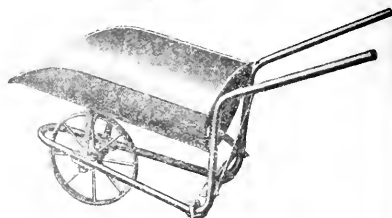
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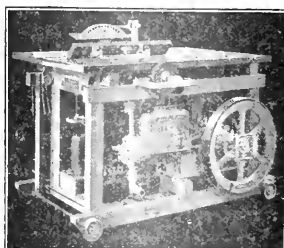


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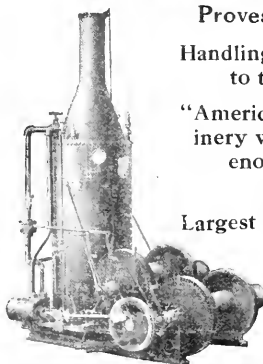
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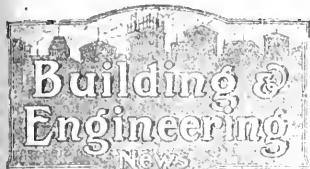
Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., NOVEMBER 25, 1922

Twenty-second Year No. 47



No. 560 Mission Street,
San Francisco, Calif.

MRS. L. A. LARSEN, Publisher
J. P. FAURELL, Managing Editor

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Contra Costa County Builders' Exchange

Stockton Builders' Exchange
Stockton Architects' Association
Fresno Builders' Exchange
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INDUSTRIAL ENGINEER ENGAGED BY S. F. CHAMBER OF COMMERCE

F. T. Letchfield, an expert of wide experience, has been appointed to direct the Industrial Department of the San Francisco Chamber of Commerce. Letchfield enters the organization to render a high grade professional service for every industry that can be interested in operating in the San Francisco area. Co-operating with Charles A. Day and F. M. Hyslop, the new industrial engineer, will put into practice a number of constructive ideas that have produced results in other fields of endeavor.

Letchfield is a graduate electrical engineer of the University of Michigan. He has served in the field, acquiring experience in hydro-electric, hydraulic, civil, mechanical and chemical branches of the engineering profession. For two years he served in an executive capacity for the United States government in charge of large war-time contracts. Later he became chief engineer for the Charleston Industrial Corporation of Nitro, West Virginia, directing the engineering and sales staffs. He was delegated by New York financial interests to make an industrial survey in China and spent six months in the Far East before completing that mission.

LAW OF SURVEYING AND BOUNDARIES IS LATE PUBLICATION

The Law of Surveying and Boundaries, a new book by Frank E. Clark, of the Minnesota Bar, supplies for the first time, in handy accessible form, all of the laws pertaining to surveying and boundaries. It covers fully and in detail the problems encountered by the surveyor and the lawyer, in actual practice, and advises the proper procedure in solving those problems.

ZARACOZA INVESTMENT COMPANY PLANS TOWNSITE AT TIA JUANA

Between four and five million dollars will be expended near Tia Juana, Mexico, by the Zaracoza Investment Company, present owners of the Tia Juana race track, in laying out a town site comprising approximately 645 acres.

The proposed development work will embrace 645 acres of open land to the east and southeast of the present race track. A four story hollow tile and heavy mill constructed hotel will be erected at a cost of \$430,000 in addition to a reinforced concrete theatre with a stage sixty feet wide on which will be featured large operas. The seating capacity will exceed 1800 people. Fourteen miles of sewers, probably of the reinforced concrete type will be installed, in addition to fourteen miles of macadam paved streets. An electric system of the latest improved type will also be a feature all public buildings will be of the Spanish type of architecture, the remaining structures of the Spanish-Mexican type, the character and design of which will be approved by a Civic Planning Commission.

A gas plant suitable for supplying a city of seven thousand population will be installed at a cost of approximately \$50,000 in addition to a sewage disposal plant and an incinerator. The Zaracoza Company has set aside a tract of five acres for the exclusive use of the Red Cross which organization will erect its own buildings. Other features of the project include the construction of a new race track, pavilion, clubhouse, grand stand and stables, these to be in the heart of the city. This section will be improved with semi-tropical gardens and an artificial lake. The business district will lie in the western section of the city. A considerable area is set aside for a residential district. An athletic field and polo grounds have been provided for in addition to church buildings and schools.

M. J. Lyon is acting chief of construction for the project.

Assurance that immediate construction of the project will be undertaken lies in the fact that San Francisco contractors have been asked to submit figures for construction. Offices of the Zaracoza Investment Co. are maintained at 333 Kearny Street, San Francisco.

LETTER CONTESTS ON STEAM SHOVEL EL MAINTENANCE COSTS

With the intention of getting actual records of steam shovel maintenance costs, the Erie Steam Shovel Company has inaugurated a letter contest, which will provide an incentive for those with records to send them in.

This contest is now open and will continue until Dec. 31. Records may be sent in by steam shovel owners, managers or any employees in direct contact with steam shovel work. In every case the record must be accompanied by a written statement from the owner of the machine to the effect that the figures submitted are correct to the best of his knowledge.

Twenty prizes will be awarded. These range from \$100 and a Waltham watch for first prize, \$50 and a Waltham watch for the second prize, down to \$5 for the twentieth prize. In addition, \$5 will be given for every record that does not win a prize, but is published.

SAN FRANCISCO ARCHITECTS TO ASSIST IN SAN MATEO COUNTY DEVELOPMENT

Frank K. Towne, president of the Redwood City Chamber of Commerce and Secretary R. H. K. Smith, of the same organization, have accepted membership on the San Mateo County Development Committee of which Willis Polk, San Francisco architect, is chairman. The purpose of the committee is to present a practical plan for the commercial development of San Mateo county, involving port construction, highway and boulevard improvements, reclamation of lands and a comprehensive zoning of industrial areas.

With the idea of rendering public service, the following San Francisco architects have become affiliated with the project: John Galen Howard, Bernard R. Maybeck, Arthur Brown Jr., Clarence R. Ward, Ernest A. Cuxhead, Wm. C. Hayes, G. Albert Lunsburgh, John Reid Jr., Walter Latelliff, Ernest L. Norberg, Wm. H. Toepke, and James H. Mitchell.

FIGHT ON BEETLE CUTS TIMBER LOSS

A reduction of at least 50 per cent in the infestation of the western pine beetle which has been causing a heavy loss of yellow pine timber in Southern Oregon and Superior California, is reported by the department of agriculture.

The reduction is the result of control work undertaken by the department in co-operation with the Indian Service and the Klamath Forest Protective Association, an organization of private timber owners.

The department of agriculture states the work to date will result in saving \$78,000 dollars worth of timber in the next three years over and above the cost of this year's work. Congress will be asked to allot additional funds for continuing the work next year.

TO ASK BIDS FOR FIVE MILLION DOLLAR H. H. PIPE LINE

Plans are being completed by City Engineer M. M. O'Shaughnessy for the construction of the pipe section of the Hetch Hetchy Aqueduct between Irvington and Crystal Springs and a call for bids to construct the project will be issued within the next sixty days.

Specifications will provide for a pipe line nineteen miles in length, sixty inches in diameter, either riveted steel or welded; 2650 feet of submerged pipe at Dumbarton Crossing; pumping plant to pump water to Crystal Springs Reservoir. The total cost of the project is \$5,000,000.

N. A. Eckart is chief assistant engineer for the Hetch Hetchy project.

S. F. ARCHITECTS AND BUILDERS WIN SUIT

Architects and builders of the Curtis Garage at Oroville, Calif., have been awarded a verdict of \$1,243.75 by a jury after seven days trial and three hours deliberation. The verdict was for two suits, that of Righetti & Hirschfeld, San Francisco architects, for \$1600 and Del Favero & Rasori, San Francisco contractors, for \$1000. M. N. Straus was the defendant in both cases. A cross-complaint for \$8000 alleged unnecessary expense filed by Straus was disregarded by the jury.

Will Contractors Become Extinct?

(American Contractor)

How will the dictionary of 1950 define the word Contractor?

CONTRACTOR. 1. One who enters into a contract with another person or corporation.

2. (OBSOLETE) One who agreed to do a certain piece of work, usually manual labor, for a sum agreed upon at the time of entering into the agreement. Sometimes this sum was a fixed amount, but more usually it was based upon a specified rate per unit of measurement. During the first quarter of the twentieth century, such contractors were found in every section of the United States. Shortly after the World War, this method of doing business was superseded by a system known as "Force Account" and the contractor is now an extinct species. (Universal Dictionary, edition of 1950.)

If the contractors of the United States do not wake up and start some sort of a publicity campaign, their grandchildren will read some such definition as this in the dictionaries of their generation. In fact, if something isn't done soon, we may all read it in the next issue of Webster. The extent to which public officials are entering the construction field is causing the contractor a maximum of worry with a minimum of work, and private enterprise reveals signs of following the lead of our public servants.

In the good old days, the kind we love to talk about, though we would dislike having to live in them, there were no contractors, in fact, no specialists of any kind. The barber attended to healing the sick as a side line—that was how he acquired his striped pole, and his penchant for combing blood letting with your morning shave. The pastor of the village church taught school in his spare time. The attorney practiced law when it did not interfere with training at his general store. And everyone "pitched in" when there was a road to be built, or a new building to be erected. Old barn raisings were events.

Today we tell the barber to stick to his shop. Specially trained physicians minister to us when we are ill. The pastor devotes all his time to his spiritual work, and the storekeeper remains in his store, while licensed attorneys dispute the fine points of law as long as their clients remain solvent. Barn raising has in large measure gone the way of the apple jack and the peach brandy which were so prominent a part of the festivities in grandfather's time. The neighbors building construction men who have specialized in that field.

But the contractor, having reached a point where he was regarded as indispensable, is now being eliminated. Not the big fellows, of course. But the little business man of today was the little chap of a few years ago, and where do you find the small contractor in these times?

What chance have our ambitious young men, fresh from schools, universities or practical training—boys just as energetic and virile as their fathers a generation ago—what chance have they to carve their way to success in the contracting field?

There is work to be done in their cities, in their counties, their states. But do they have an opportunity to bid on some portion of it, to establish

themselves in business in a small way, and to take pride in having done their bit to improve their community? They do not!

Some states provide that all public work shall be let by contract to the "lowest responsible bidder." It is practically impossible to persuade the average taxpayer that the man who submits the lowest figure is not just a responsible as the one whose bid is a little higher, but even that is not the worst feature of the matter. Before the war, few state and county officials tried to evade the plain provisions of the act. Today, it is getting quite common to call for bids, reject them all, and then do the work by "Force Account."

One state has a law providing that all counties having a population in excess of 50,000 shall call for bids on all public work. As there is only one county in this state which comes under the provisions of the act, all other sections of the commonwealth may do as they please. And they do.

In either case, what chance does the boy have to establish himself in business? In one instance, after he has spent time and money in preparing a reasonable bid, he sees his proposal filed away in a pigeon hole. In the other, he does not even get a chance to bid. Some city, state or county official, totally ignorant of the difficulties of contracting, but supremely confident of his ability to do the work more cheaply than can anyone else on earth, decides to do it by "Force Account." The boy gets the choice of handling a pick and shovel, or of going without work altogether.

A large educational institution in a western state recently enlarged by constructing a big building. Graduates of the college, ambitious to start their business careers on the campus of their alma mater, would have liked to submit bids on portions of the work. Were they allowed to do so? Not a bit of it. All work was handled by day labor, an employee of the college acting as superintendent of construction. He did a good job, but the boys got their business education at the end of a long-handled shovel.

Every county in the United States has many small jobs which should be let by contract. They are too small to interest the big fellow, but the little chap needs them and needs them badly.

Even big contractors are being hit by the menace. Observe the municipal paving plants that are springing up all over the country, representing another encroachment by public officials upon what should be wholly a matter of private enterprise. Grant that these officials can do the work as cheaply and as efficiently as experienced contractors. They can't—but grant it for the sake of argument. What then? Will they build up efficient organizations and maintain them permanently? Or will Bill Jones be retained as foreman only as long as the Republicans remain in power, to be replaced by the inexperienced Mike Collins when the Democrats win an election? And will either Bill or Mike spend much of his time studying the science of paving, when he knows that the next election may throw him out of a job? Naturally he

will devote most of his time to elector engineering. The plant can go hang.

This condition is partly the fault of the contractor himself. He greeted the "cost plus" type of contract as an ideal system, one that would eliminate his worries while giving him a fair profit. He failed to see that it was necessary to educate the public to the fact that contracting is a highly specialized profession, and that the "plus" covered such intangible, but valuable, items as organizing ability, overhead, and a multitude of similar expenses. The public did not understand. It saw that it was paying the full cost of the work with an added profit to the contractor. It thought not unnaturally, that it could do the work itself at cost, and save the "plus."

But can it? It has not the training to organize properly, to buy in the cheapest markets, to carry on the work in such a manner that there shall be no delay, nor to handle the labor problem without friction. All the public sees is the cost of the work, not realizing that the cost of work under public direction is greater than the bid a contractor would have made, or greater than the "cost plus" price of an experienced builder. Much publicity—call it propaganda if you will—will be required to teach the public that it takes trained men to build a highway, install a sewage system, or erect a building. We have such trained men today. Will we have them in the next generation?

We all know, of course, why some public officials are refusing to give work to contractors. Contractors are such a bunch of bad eggs. Think of their record during the War. They actually took contracts for building the cantonments on an iniquitous "cost plus" basis, and think of the cost of those army camps. That labor and materials soared in price from day to day during the entire period of construction has nothing to do with the case. Had the contractors been honest, patriotic citizens, they would have built the barracks at the same cost as was in force in 1916. To be sure, no contractor has been convicted, or even indicted for graft or for profiteering in this connection, but that is all due to the failure of the attorneys to prosecute, or of the courts to take drastic action.

Rot? Certainly, but does the public know that? Or know that the charge is just a smoke screen thrown up to give a lot of deserving political retainers a chance to get on the payroll? No, because the public has no chance to know it. Its reading conveys the other idea, from the little weekly published in the county seat, kept alive by printing the legal notices passed out by the powers that be to the Congressional Record with its latest attack on the profiteers. Is it any wonder the public believes as it does when it has no opportunity to learn the other side of the question?

It is time the contractors presented that other side of the case, instead of sitting back, secure in the conviction that "Truth crushed to earth will rise again." Undoubtedly it will; but it won't hurt to give it a helping hand. It may otherwise not rise until too late to do our boys any good.

NEW BULLETIN ON CONCRETE ROADS

"Portland Cement Concrete Roads," a new publication prepared by the Bureau of Public Roads, has been issued as Bulletin 1077 of the United States Department of Agriculture.

The bulletin is the work of James T. Voshell and R. E. Toms, engineers of the bureau, who have been in charge of a large amount of Federal concrete road construction and who have had an opportunity of inspecting concrete road construction under a wide variety of conditions.

The subjects discussed are materials used, proportioning, design, construction, organization and equipment, capital required, cost, maintenance, and resurfacing.

Particular attention is given to width of pavement on tangents and curves, transition curves, and super-elevation. Practical field methods are described and tables and charts given of value to field engineers.

Contractors will be interested in the pages describing operations with various kinds of equipment, which is accompanied by diagrams illustrating organization and plant layout. They will also find use for the table of quantities of materials per mile of pavement for various widths and mixtures, data for use in computing the size of engine for pumping water, cost of concrete roads in all sections of the country and a list of the items to be taken into account in estimating costs.

On the whole the bulletin is as complete a discussion of the practical and technical details of concrete road construction as could be expected in a publication of limited size. Copies may be had free upon application to the Department at Washington, D. C.

NATIONAL FIREFORM COMPANY HAS WALL BOARD TEST

The first public fire test conducted by the National Fireform Company on its new wall board was held at the company's plant, Sixteenth and Arkansas streets, San Francisco, November 14th. In addition to architects and contractors from San Francisco and Oakland, representatives of the Board of Fire Underwriters and the San Francisco Department of Public Works were present.

According to officials of the company the test proved a wonderful success, demonstrating the quality and strength of the board in addition to featuring its fire resisting qualities. The board has remarkable insulation qualities, is fire retardant and waterproof. A special composition used on the surface may be applied with a paint brush, spray or trowel. The board will be manufactured in sizes to fit the outside walls, ceilings and flooring, etc. The proper sizing of the product together with its weight is an economical feature.

The National Fireform Company expects to have its plant in full operation by about December 15th and will be in a position at that time to fill orders of any size. In addition to the manufacturing the wall board, the company will also manufacture a complete line of containers for use in shipping bottles, glasses, etc.

BIDS WANTED FOR PUMPS, MOTORS, MOTOR CONTROL EQUIPMENT AND DRAINAGE WELLS

Specifications are on file in "Contractors' Room," Daily Pacific Builder, 560 Mission street, for pumps, motors and motor control equipment and for drilling and driving drainage wells for the Merced Irrigation District, bids for which will be opened at Merced on December 5th. Interested parties are invited to inspect the specifications. (11)

Renewal of 1922 Wage Scale Is Recommended By Builder's Exchange

A new wage scale for the bay district building industry, calling for no reduction but in some cases an increase in pay has been submitted by the San Francisco Builders' Exchange to the Imperial Wage Board, consisting of Archbishop Edw. J. Hanna, chairman; C. E. Michaels and H. U. Brandenstein, preparatory to fixing a wage scale to remain in effect for the year 1923.

The wage scale, effective January 1, as submitted by the builders, follows:

Craft—	Journeyman Helpers
Asbestos workers.....	\$7.00 \$..
Bricklayers.....	\$10.00 ..
Bricklayers' hodcarriers.....	6.00 ..
Cabinet workers, in shop.....	7.00 ..
Cabinet workers, outside.....	8.00 ..
Carpenters.....	8.00 6.00
Cement finishers.....	8.00 ..
Electrical workers.....	8.00 6.00
Electrical fixture hangers.....	7.00 ..
Electrical hoistman.....	6.00 ..
Elevator constructors.....	8.00 6.00
Engrs., stationary in plants.....	7.00 ..
Enginers, traveling crane.....	7.50 ..
Engrs., derrick, stml., elec.....	8.00 ..
Glass workers.....	8.00 ..
Housemovers.....	8.00 ..
Housemiths, archt. iron.....	7.00 ..
Housemiths, reinf'd conc.....	8.00 6.00
Iron workers, bridge & structural incl. engineers on bridge and structural.....	9.00 ..
Labor, common (6 day wk).....	4.50 ..
Laborers, skilled and conc.....	5.00 ..
Lathers.....	9.00 ..
Marble setters.....	8.00 5.50
Marble cutters and copers.....	7.00 ..
Marble bed rubbers.....	6.50 ..
Marble polishers & finishers.....	6.00 ..
Millmen, planing mill dept.....	7.00 ..
Millmen, sash and door.....	6.00 ..
Millwrights.....	8.00 ..
Model makers.....	9.00 ..
Model casters.....	7.50 ..
Mosaic and Terrazoworkers.....	7.50 5.50
Painters.....	8.00 6.00
Painters, varnishers & polishers (shop).....	7.00 ..
Painters, varnishers & polishers (outside).....	8.00 ..
Plasterers.....	10.00 ..
Plasterers' hodcarriers.....	7.00 ..
Plumbers.....	9.00 6.00
Roofers, composition.....	7.50 ..

Sheet metal workers.....	8.50 6.00
Sprinkler fitters.....	7.20 ..
Steamfitters.....	9.00 6.00
Stair builders.....	8.00 ..
Stone cutters, soft & granite.....	9.00 ..
Stone setters, soft & granite.....	8.50 ..
Stone carvers.....	8.00 ..
Stone derrickmen.....	8.00 ..
The setters.....	8.00 5.50
Sign writers.....	10.00 ..
Auto truck drivers, less 2500 pounds.....	5.00 ..
Auto truck drivers, 2500 lbs. to 1500 lbs.....	5.50 ..
Auto truck drivers, 4500 lbs. to 6500 lbs.....	6.00 ..
Auto truck drivers, 6500 lbs. and over.....	6.50 ..
Teamsters, one horse.....	5.00 ..
Teamsters, two horses.....	5.50 ..
Teamsters, four horses.....	6.00 ..
Flow teamsters, four horses.....	6.00 ..
Scraper teamsters, two and four horses.....	5.50 ..

Plasterers' hodcarriers, bricklayers' hodcarriers, roofers' laborers, hoisting engineers and steamshovel firemen to start 15 minutes before other workmen, both at morning and at noon.

Teamsters to be at the barn 30 minutes before auto truck drivers in the morning.

Auto truck drivers and teamsters nine hours a day, from 7:30 a. m. to 5:30 p. m.

Common labor, auto truck drivers and teamsters, 6 days a week.

Eight hours to constitute a day's work except as above noted.

Five and one (5 1/2) days to constitute a week's work except as above noted.

OVERTIME

Common labor, truck drivers, teamsters, for Sundays and recognized holidays, time and one-half.

All others, week days except Saturdays, from 5 p. m. to 8 p. m., time and one-half.

All others, Saturdays from 1 p. m. to 8 a. m., time and one-half.

All other Sundays and recognized holidays, double time.

Recognized holidays to be New Year's Day, Washington's Birthday, Decoration Day, Fourth of July, Labor Day, Admission Day, Thanksgiving Day and Christmas Day.

OAKLAND ARCHITECT ASSOCIATED WITH EDUCATIONAL HEADS

Mr. John J. Donovan, Architect, member of the American Institute of Architects, School Building Specialist and author of "School Architecture," wishes to announce that Dr. Frank W. Hart, Associate Professor of Educational Administration and Mr. L. H. Peterson, Associate in Educational Administration of the Department of Education, University of California are now associated with him for the purpose of providing an enlarged and improved service to School Boards and Architects by closely combining the architect's training and experience with the professional school administrator's knowledge of the modern educational demands upon the school plant.

This combined service has long been desired by Boards of Education and Architects in order that the architecture and planning of the executed work will economically and effectively meet the educational requirements of the school.

The enlarged service contemplates preparation of building surveys and schoolhousing programs in connection with school planning for communities confronted with the problem of increasing their building facilities.

EXCAVATING MACHINERY FOR LAND DRAINAGE

In recent years there has been considerable improvement in machinery for excavating drainage ditches and an increase in land drainage work. To place the latest information on the subject before persons concerned with drainage work, the U. S. Department of Agriculture has issued a revised edition of Department Bulletin 300, "Excavating Machinery Used in Land Drainage," by D. L. Yarnell, senior drainage engineer.

In the preparation of this bulletin, which has been entirely rewritten, studies have been made in many parts of the country, where size of ditch, size of project, wet or dry conditions of soil, stumps encountered, and other factors make various machines and methods of operation desirable.

The bulletin is designated to be useful in determining what type of machine will be best suited for a given project, the cost of the machine and of getting it ready for operation, size of crew and supplies necessary for operation, and rate of progress to be expected.

Copies may be obtained by writing to the U. S. Department of Agriculture, Washington, D. C.

CONTINUATION OF BUILDING IS FORECAST

Despite an increase in the cost of building, reported from various sections of the country, there will be a continuation of present construction activities until the building shortage is substantially "picked up." This is according to a review of existing conditions made by Wilson, Compton, secretary manager of the National Lumber Manufacturers' Association, who says the increased prices are due largely to higher wages he states are being paid.

Taking Washington, D. C. as an example, Compton says building costs have increased 10 per cent, and that \$15 per day has become the customary rate here for masons, bricklayers and plasterers. He adds that in some building projects in New York, as high as \$20 per day has been paid for skilled labor, due to the demand exceeding the number of men available.

Recently, a local contractor complained he was unable to get skilled mechanics for \$12 a day though he advertised extensively.

The accumulated housing shortage since 1914 up to the present year, Compton states, "was equivalent to approximately two and a half full years of new building based on the 1910 to 1915 yearly average. At costs of construction prevailing last Spring, between \$5,000,000 and \$5,000,000,000 expenditure would have caught up this building deficit."

"There is every reason to believe that the fundamental demand for building materials still maintains and that it will continue for several years, with, of course, ups and downs. There will be periods of great building activity alternating with periods of semi-stagnation until the building shortage is substantially caught up. These alternations probably will be due rather to the building trades labor situation than to building materials."

"There is little danger that the comparatively small increases in building costs due to increases in the cost of building materials will have much to do with discouraging or delaying building as long as the costs of building labor are excessive and erratic."

FLOOD CONTROL WORK TO COST \$1,500,000

Additional flood control work in the Sacramento valley, which probably will cost in excess of \$1,500,000, is soon to be undertaken under the supervision of the State Reclamation Board.

The work under consideration is the reconstruction of the east and south levees of Reclamation District 1660 in Sutter county, which besides forming important links in the general flood control plan of the Sacramento and San Joaquin valley as mapped out several years ago by United States army engineers, will constitute a part of the west levee of the Sutter by-pass and the north levee of Tisdale by-pass.

The levee fronting the Sutter by-pass will be about nine miles long and the second unit, which will form the south levee of the reclamation district, about three miles in length.

BOOK ON CONCRETE PRODUCTS

"Concrete Products: Their Manufacture and Use" is the title of a book for which material was compiled and edited by W. R. Harris, managing editor of "Concrete Products" and H. Colin Campbell, director of publications of the Portland Cement Association. The book includes such subjects as standard specifications for building units, tests on concrete in its manufacture and methods of using drain tile pressure pipes and other products.

CONFERENCE ON NUMBERING OF STEEL

Called by A. E. S. C.

A conference to consider the desirability of providing a system of designating qualities or kinds of steels by code numbers, has been called by the American Engineering Standards Committee at the request of the U. S. Bureau of Standards. The conference will be held in the Department of Commerce Building, Washington, D. C., December 6.

The subject of this conference is a matter of great importance to all manufacturers of steel and to all users of steel in large quantity. This conference will attempt to determine the desirability of applying a uniform numbering system to forging steels, casting steels, structural steels, including plates, tool steels or other steels not so classified.

While the American Engineering Standards Committee has invited to this conference representatives of all technical and industrial associations known to be interested in the subject, any organization which feels that it should be represented in the conference, but has received no formal invitation, is urged to communicate with the American Engineering Standards Committee, 28 West 39th Street, New York City.

The Society of Automotive Engineers has already formulated a system now in wide use, applying to the steels used in automotive practice, and there has been considerable discussion as to the advisability of applying such a system more generally.

USE OF GUNITE IN PRESERVING WINE TIMBERS

A most important question on which adequate data are not available, is the effect of gunite in retarding the decay of timbers to which the gunite is applied, states the Bureau of Mines in Serial 2297, just issued. It is obvious that such information can be obtained only by observation of gunited timber in comparison with exposed timbers under similar conditions, over a period of years. Experiments at the United Comstock, North Star and Empire mines, and at the University of California add are being watched carefully by the Bureau of Mines, and the final results will be published. From what has been learned of the density and nonporosity of gunite and its resistance to the absorption of water, it seems reasonable to believe, if sound timbers free from decay are carefully and completely covered with gunite, the gunite coating will protect the timber against the attack of fungus and insects and thus retard decay.

SMITH-BOOTH-USHER ISSUES PRICED STOCK BULLETIN

The Smith-Booth-Usher Co., 50 Fremont St., San Francisco, and 228 Central Ave., Los Angeles, has issued a new priced stock bulletin copies of which will be furnished on request. The bulletin containing 36 pages and more than 200 illustrations, prices at a net figure and illustrates the immense stock of the company both at San Francisco and Los Angeles.

Brooks Fisher, chief of the Advertising Department of the company, comments on the bulletin as follows:

"A catalog illustrates, but gives no prices or costs. A price sheet gives prices, but does not illustrate or give stocks. A stock sheet gives stocks, but has no prices or illustrations. However, our Priced Stock Bulletin illustrates, prices, and shows stocks, and is therefore a very valuable addition to any office or individual interested in anything we carry."

SEPTEMBER SLATE SALES MAINTAIN HIGH RECORD

September slate sales keep up the pace set by August, running over 3/4 of a million, and are 2% above 1920, and 5% above 1921, according to 61 producing companies reporting to the National Slate Association. Thirty of the concerns reporting show that September is the first month when the cumulative year's total of shipments in 1922 is 20% above 1921, and 10% above 1920.

Blackboard slate shipped in the first nine months of 1922 is only 10% behind the entire year's total of 1921, the largest blackboard slate year. As two of the largest producing blackboard quarries resumed operations in October after a month's strike, there is no question but that 1922 will exceed 1921 by 15 to 25%. The increasing use of blackboard slate by industrial plants, railroad stations, newspaper offices, and other commercial places, in addition to the enormous educational building program now under construction, is responsible for this increased demand.

Twenty per cent more roofing slate was shipped during September, 1922, than produced but the stocks on hand would maintain that rate of consumption for several months. The added production of the two large quarries previously mentioned, will soon bring production up to the demand in most sizes, grades and colors. The demand for the stable blacks, greys, and weathering or sea green varieties is unusually good, as the public recognizes today more than ever the durability, importance and all-time cost of a roof and acknowledged slate's supremacy as an economic roofing material.

As expected, electrical slate September shipments were 25% higher than August, and are constantly increasing. Many large projects and buildings have reached the stage where electrical switch boards, panel boards, switch bases, etc. must be supplied.

Slate prices are holding firm. While fuel and oil shortages emphasize materially delayed shipments during September and October, the acute situation is now somewhat relieved. Although considerable trouble in getting cars sufficient for shipments is still the rule, contractors and other slate users, appreciating the situation, are anticipating their slate needs and allowing more time between placement of their order and the time slate is required.

NEW DAYLIGHT LAMP

An artificial daylight lamp has been developed in England. The lamp is of the regular incandescent electrical type, and the light is reflected from a reflector which is colored with spots of certain shades. The resulting reflection is very much like ordinary daylight. The absorption of the yellow and red rays in the light produces a light of maximum clarity. A park was lighted with 80 new lights and the effect was almost the same as if the sun was shining. The new lamps are purchasable on the English market at the present time.—Industrial Digest.

LINK-BELT CATALOG

A new Link-Belt Portable Loader catalog has just been issued by the Link-Belt Co., Nicetown, Philadelphia, Pa., embracing their entire line of portable equipment. The book is the most up to date and complete ever issued by the company. It is 8 1/2 by 11 in size and contains complete specifications of all of the standard machines which include the large capacity Power Swiveling Loader, the Portable Belt Conveyor, the standard type "A" machine for Anthracite coal, the "CS" Loader for handling sand and gravel. Copies will be furnished on request.

Building News Section

APARTMENT HOUSES

To Be Done by Day's Work.
APARTMENTS Cost, \$25,000.
SAN FRANCISCO. NW Seventh Ave. and Judah.
 Three-story and basement frame (12) apartments.
 Owner—Ernest Johnson, 581 Belvedere St., San Francisco.

Contract Awarded.
APARTMENTS Cost, \$15,000.
OAKLAND. E Opal St. 190 N 11st St.
 Two-story 17-room frame apartments.
 Owner—L. Jensen, 812 Alleen St., Okl.
 Contractor—F. A. Kurtz, 812 Alleen St., Oakland.

Contract Awarded.
APARTMENTS Cost, \$11,000.
BERKELEY. Alameda Co., Cal., 1816 Delaware St.
 Two-story frame apartments.
 Owner—Mrs. C. Patterson, 1717 Grove St., Berkeley.
 Contractor—H. Warren, 2615 Derby St., Berkeley.

Plans Being Figured.
APARTMENTS Cost, \$30,000.
PALO ALTO. Santa Clara Co., Cal., N E Cowper St. and University Ave (tile roof).
 Frame and plaster bungalow court (10 2 and 4 room apartments).
 Architect—Birge M. Clarke, 600 Embarcadero Road, Palo Alto.

CARPENTER WORK CONTRACT.
APARTMENT Cost, \$80,000.
SAN FRANCISCO. N Bush 135 W Mason Five-story and basement brick apartments (20 apartments).
 Owner—Mrs. B. Bayne.
 Architect—W. H. Crim Jr., 425 Kearny. The carpenter work was awarded to Vuklichiv & Barge, 180 Jessie St., at \$12,353. Other contracts will be awarded shortly.

Plans Being Prepared.
APT. HOUSE Cost, \$500,000.
OAKLAND. Alameda Co., Cal.—S Grand Ave., 140 E Broadway.
 Class A theatre and apartment house 90x230. (probably 10 stories).
 Owner—Roos Bros.
 Architect—Weeks & Day, California Ins. Bldg., San Francisco.

Plans Being Figured.
ALTERATIONS Cost—
SAN FRANCISCO. 41 1st St.
 Alter offices, fixture work, electrical plumbing, heating, carpentry, etc.
 Owner—Blake-Moffitt & Towne, 11 1st Street.
 Architect—Willis Polk & Co., Hobart Building.

Segregated Figures Being Taken.
APT. HOUSE Cost, \$30,000.
SAN FRANCISCO. Sacramento between Franklin and Gough Streets.
 Three-story and basement frame and stucco apartment house (6 4-room apts. with basement garage, steam heat and hot water system).
 Owner—Withheld.
 Architect—A. J. Horstman, Anglo Bldg., 16th and Mission.

Contract Awarded.
APT. HOUSE Cost, \$15,000.
FRESNO. 1126 Q Street.
 Apartment house and garage.
 Owner—Albert Bauer, Fresno.
 Contractor—W. R. Davidson, 654 N 2nd St., Fresno.

To Be Done by Day's Work.
APARTMENTS Cost, \$107,000.
SAN FRANCISCO. N California 104-W 27th Avenue.
 Two-story & basement frame (4) Apts.
 Owner—Arthur B. Stevens, 4026 Fulton Street.

Contract Awarded.
APT. HOUSE Cost, \$25,400.
SOUTH SAN FRANCISCO. San Mateo Co S Grand Ave.
 Two-story reinforced concrete apartment house.
 Owner—F. A. Cunningham, South San Francisco.
 Architect—E. L. Norberg, Balboa Bldg., San Francisco.
 Contractor—E. C. Stickle, South San Francisco.

Plans Being Prepared.
APT. HOUSE Cost, \$600,000.
LOS ANGELES. L. A. Co., Cal. Wilshire District.
 Eight-story class "A" apt house 150x 150 400 rooms.
 Owner—Withheld.
 Architect—Corwin & Merrill, 504 Douglas Bldg., L. A.

Contract Awarded.
APARTMENTS Cost, \$20,500.
SAN FRANCISCO. E Powell 77-6 N Jackson.
 Three-story and basement reinforced concrete (6) apartments.
 Owner—Mr. Morton.
 Architect—A. Fabre, 110 Sutter.
 Contractor—Fred Moller, 180 Jessie St.

Contract Awarded.
APARTMENTS Cost, \$15,000.
OAKLAND. W Walker Ave. 375 S Fairbanks.
 Three-story 15-room frame apartments.
 Owner—C. Lerch, 5406 Arbor Ave. Okl.
 Contractor—Axel Sommerstrom, 109 Sunnyside Ave., Oakland.

Permit Applied For—Segregated Figures To Be Taken In A Few Days.
APARTMENT HOUSE Cost, \$200,000.
SAN FRANCISCO. NW Jackson and Laguna Streets.
 Nine-story reinforced concrete apartment house (9 3-room apartments) and basement and garage.
 Owner—Joseph E. Levin, San Francisco and S. Levin, New York.
 Architect—C. A. Neusdorffer, Humboldt Bank Bldg., S. F.

BANKS

Ready for Figures in About a Week.
BANK BLDG. Cost, \$10,000.
OAKLAND. Alameda Co., Cal. Telegraph Ave. and 47th St.
 One-story reinforced concrete bank building.
 Owner—Bank of Italy.
 Architect—H. A. Minton, Monadnock Bldg., San Francisco.

Contracts Awarded.
ALTERATIONS Cost, \$—
SAN FRANCISCO. NW Pine and Montgomery Streets.
 Extensive alterations for bank.
 Owner—Security Bank & Trust Co.
 Architect—W. H. Weeks, 369 Pine St., San Francisco.

Marble Work to Joseph Musto Sons—Keenan Co., 555 North Point St.
Bronze and Ornamental Iron to California Artistic Metal & Wire Co., 349 7th St.

Plastering and Hollow Tile, Concrete Work, Etc., to P. J. Walker Co., Sharon Bldg.
Mahogany and Metal Counters to The M. G. West Co., 15 Front St.

As reported on October 6th, the contract for the vaults has been awarded to Hermann Safe Co., 216 Fremont St.

Contract Awarded.
BANK BLDG. Cost, Approx \$107,000.
VISALIA. Tulare County.
 Five-story reinforced concrete bank & office building.
 Owner—Bank of Italy, S. F.
 Mr. Cuneco in charge of construction.
 Architect—R. F. Fehlehn & Co., Bldg., Italy Bldg., Fresno.
 Contractor—Jas. Furlong, Monadnock Bldg., S. F.

Only two other bids were received and were as follows: Tracywhite & Shubel, Fresno, approximately \$110,000, and Schuler & Macdonald, of Oakland, approx \$135,000.

VALLEJO. Solano Co., Cal.—Vice President W. J. Tolmery of the Central Commercial Bank, announces that at a meeting to be held on Dec 11 the architect will be selected to prepare the plan for the handsome new bank structure to be erected in the 300 block in Georgia Street.

BONDS

SAWTELLE. Cal.—An election will be held Dec. 12 in Sawtelle district to vote a bond issue of \$250,000 for water distributing system for that part of city.

STOCKTON. San Joaquin Co., Cal.—Nov. 25 is date set for vote bonds of \$120,000 to finance construction of a restraining dam and reservoir on the Calaveras river to impound waters for municipal use, including land for water storage of water, city hall and machinery, conduits, diversion works, etc. A. L. Banks is city clerk and W. B. Hogan, city engineer of Stockton.

VALLEJO. Solano Co., Cal.—Y. M. C. A. plans construction of \$10,000 swimming tank in Sacramento street. Committee has been appointed to raise funds to finance construction.

ESPARTO. Yolo Co., Cal.—Bonds of \$30,000 voted to finance construction of new high school for Esparto High School District.

PASO ROBLES. San Luis Co., Cal.—Dec. 16 is date set in Paso Robles High School District to vote bonds of \$270,000 to finance construction of new high school.

TULARE. Tulare Co., Cal.—City trustees will call election to vote bonds of \$50,000 to build new city hall and remodel present structure in K St., and purchase new fire apparatus.

CLAREMONT. Cal.—Street paving proposed will necessitate a \$150,000 bond issue. Petitioners asking for the improvement of city streets specify concrete pavement for main traveled roads, 6-in. rock asphalt for less important streets, and light asphalt pavement for side streets. The work will include laying of sewers.

VALLEJO. Solano Co., Cal.—City Council calls \$250,000 issue of Gordon Valley water project bonds for premium of \$235.25. T. D. Kilkenny, city engineer.

WILLIAMS. Colusa Co., Cal.—Dec. 19 is date set to vote bonds of \$45,000 for sewer improvements. C. E. Sloan, Santa Fe Bldg., San Francisco, eng.

SAN FRANCISCO.—Bonds of \$2,000,000 voted to finance construction of fireproof buildings for Relief Home. John Reid, Jr., First Natl Bank Bldg., is city architect.

WILLIAMS. Colusa Co., Cal.—Dec. 19 is date set to vote bonds of \$60,000 for water system improvements. C. E. Sloan, Santa Fe Bldg., San Francisco, engineer.

HANFORD. Kings Co., Cal.—Super-visors call \$20,000 bond issue of Kings River Elementary School District for premium of \$237; proceeds to finance construction of new school.

PASADENA. Cal.—Election to be held Dec. 5, includes bond issue for \$500,000 to secure a system of bus transportation, with storage and repair shops, etc.

SANTA ANA, Orange Co., Cal.—The election to vote on a \$400,000 school bond issue will be held Dec. 9. The issue includes a junior high school bldg. to cost \$250,000 for the Santa Ana high school district, which embraces Santa Ana, Delhi, Diamond, Greenville, Taurine, Hunter-Harview, and Newport Beach, and \$150,000 for grammar schools for Santa Ana city. F. L. Andrews, sec. of board of education.

REDWOOD CITY, San Mateo Co., Cal.—Dec. 19 is date set to vote bonds of \$40,000 to purchase property at Broadway and State Highway and improve for playgrounds.

COLTON, San Bernardino Co., Cal.—City trustees proposed to call election to vote bonds of \$25,000 to construct sewer system.

PASADENA, Cal.—Election to be held Dec. 5, will include two water propositions: to bond the city for \$300,000 to provide a water distributing system, and for \$250,000 to acquire an existing water system.

STOCKTON, San Joaquin Co., Cal.—Election will be held Nov. 28 to vote bonds of \$150,000 to purchase land for park improvements adjacent to Municipal Auditorium site at North Central and East Oak Streets. W. B. Hogan is city engineer, and A. L. Banks, clerk of stockton.

YUBA CITY, Sutter Co., Cal.—Until Dec. 4 bids will be received by supervisors for the purchase of the \$250,000 bond issue of the Yuba City Union High School District, proposed to finance construction of a new high school.

SAN FRANCISCO.—Bonds of \$12,000,000 voted to finance purchase of lands, erection of new schools and additions to standing structures. No definite program has been outlined as yet. John Reid, jr., First Natl. Bank Bldg., is city architect.

CHURCHES

Plans Prepared.

CHURCH Cost, \$—
STOCKTON, San Joaquin Co., Cal. Flora and Hunter Streets.

Church building (Tabernacle type).
Owner—First Church of the Nazarene, Stockton, Calif.

Architect—E. E. List, Delano, Calif.
Present structure and property owned by the church at California and Wyandotte streets, will be sold and proceeds will finance construction of new structure.

Preliminary Plans Approved.

CHURCH Cost, \$100,000
STOCKTON, San Joaquin Co., Cal. Church building.

Owner—First Christian Church, Shirley E. Shaw, pastor.

Architect—Robert H. Orr, Corporation Bldg., Los Angeles.

Building committee consists of: J. W. Carter, chairman; Mrs. C. E. Orvis, Dr. O. E. Vanosne, H. W. Johnson and J. A. Swain, Sr.

Contract Awarded.
CHURCH Cost, \$32,556
SARATOGA, Santa Clara Co., Cal. Concrete church

Owner—The Congregation Church of Saratoga.

Architect—Miss Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor—H. E. Washburn, Pacific Grove

Contract Awarded

CHURCH Cost, \$15,000
TAFT, Kern Co., Calif. 4th and N 3th Second Streets.

Frame church 50x60 ft.
Owner—Methodist church of Taft.
Contractor—Elmo Carpenter, Taft, Cal.

LOS ANGELES, L. A. Co., Cal.—Clinton Constr. Co., Stock Exchange Bldg., L. A., was low bidder and will probably be awarded the general contract for erecting a new church at West Adams and Figueroa Sts., L. A., for St. John's Episcopal Church. Pierpont and Walter S. Davis, archts. It will be of reinf.

concr. constr., terra cotta facing, tile figs., etc. The gen. contr. will amount to about \$155,000.

TAFT, Kern Co., Cal.—The trustees of the local Methodist Church have authorized a call for bids for first unit of proposed new church. Plans by Rev. O. M. Butterfield, archt. Bldg. will contain Sunday school rm., auditorium, 36x50 ft. seating 400, and have a basement 9 ft. deep for junior class rms. A lease at 4th and North Sts., South Taft has been secured.

FACTORIES & WAREHOUSES

Contract Awarded.

WAREHOUSE Cost, \$10,500
SAN FRANCISCO. Clementina Street bet. Fifth and Sixth Streets

One-story reinforced concrete warehouse (wood trusses).

Owner—Bothin Estate.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Adam Arras, 180 Jessie St., San Francisco.

Plans Complete.

LOFT BLDG. Cost—
SAN FRANCISCO, Commercial St. bet. Kearny and Montgomery Sts.

Two-story reinforced concrete stop and go building.

Owner—De Boom Paint Co., 560 Clay St.
Architect—H. A. Minton, Monadnock Building.

Contract Awarded.

FACTORY BLDGS. Cost, \$268,000
LOS ANGELES, E 7th St., near Anderson St.

Two-class A warehouse and factory buildings.

Owner—Peck & Hills, 800 N Spring St. Los Angeles.
Architect—Albert C. Martin, 430 Higgins Bldg., L. A.
Contractor—Davidson Constr. Co., 1445 E 16th St.

The bldgs. have been changed from 2-st. to 4-sto. and basement each; dimensions, 80x100 ft. and 125x350 ft., respectively; reinf. concr. constr., steel sash, metal skylights, steel rolling doors, 4 elevators, automatic sprinkler system.

Contract Awarded.

LOFT BLDG. Cost, \$16,000
SAN FRANCISCO. N Bryant 55 W Second Street.

Two-story concrete loft building.

Owner—L. A. Myers.
Architect—S. L. Hyman, 68 Post St., San Francisco.

Contractor—O. W. Britt, 180 Jessie St., San Francisco.

Plans Being Prepared.

MFG. PLANT Cost, \$1,000,000
EMERYVILLE, Alameda Co., Cal. foot of Powell St. on a 12½ acre tract.

Large fireproof manufacturing plant.
Owner—Westinghouse Mfg. & Elec. Co.
Architect—Eng. Dept. of owner, Pittsburgh, Penn.

Contract Awarded.

LOFT BLDG. Cost, \$16,000
SAN FRANCISCO, Commercial St. bet. Kearny and Montgomery Sts.

Two-story reinforced concrete shop and loft building.

Owner—De Boom Paint Co., 560 Clay St.
Architect—H. A. Minton, Monadnock Building.

Contractor—Jas. Furlong, Monadnock Building.

Plans Being Prepared.

ICE PLANT, ETC. Cost, \$200,000
LOS ANGELES, Los Angeles Co., Cal. Near Jefferson and Hill Sts.

Two and three-story and basement reinforced concrete class A milk bottling and ice plant.

Owner—Consumers Milk Co.
Architect & Engineers—Truesdell, Purinton & Newton, 304 San Fernando Bldg., Los Angeles.

Plans Being Prepared.

TOWNSITE BLDGS. Cost—
GERLAC, Nevada.

Townsite, including reinforced concrete hotel, cottages, auditorium, etc.
Owner—Pacific Portland Cement Co., Pacific Bldg., S. F.
Architect—Weeks & Day, California Insurance Bldg., S. F.

Plans Being Prepared.

FILM LABORATORY Cost, \$100,000
LOS ANGELES, L. A. Co., Cal. McAdams Pl. S. of Santa Monica Blvd.
Two-story reinf. concrete and brick film laboratory.

Owner—Chester Bennett.
Architect and Contractor—De Luxe Building Co., 521 Union League Bldg., Los Angeles.

SALEM, Ore.—Capital Ice and Cold Storage Co., 560 Trade St., Salem, has applied for building permit to erect an addition to its plant at the southwest corner of Church and Trade Sts.

VISALIA, Tulare Co., Cal.—J. Sub Johnson, Gilbert E. Furness and Walter Drabnick have been elected directors of the Visalia Implement Works Inc., formerly known as the Dinuba Agricultural Works. Purpose of the company is to erect a factory and manufacture farm implements.

SANTA CRUZ, Santa Cruz Co., Cal.—Walt and Schilling, of Santa Cruz, have purchased 70-acre site just outside of city limits on which they will erect slaughter house. Approximately \$40,000 will be expended in improvements.
Plans Being Figured—Bids Close Dec. 15, 1922.

LOS ANGELES, Cal.—Cemet Oil Co. will build an oil refinery costing more than \$1,000,000 on East 26th St., near Downey Road. The company includes Adolph Ramish, Michael Gore, J. J. Gans, E. Resenberg and others. The capacity of the plant, which will serve Santa Fe Springs, Huntington Beach, Signal Hill, and Montebello, will be 2500 bbls a day at the start. The company is capitalized at \$600,000.

VISALIA, Tulare Co., Cal.—Visalia Implement Wks., Inc., will build a factory bldg. at once. About \$30,000 stock has been sold to local men and work will start at once. The directors are J. Sub Johnson, Dr. Gilbert E. Turness and Walter Drabnick.

SPOKANE, Wash.—North American Lumber Manufacturing and Export Co., a \$1,000,000 concern, with 200,000,000 ft. of timber available on Vancouver Island, is announced by S. Barstad, of Spokane. Company will construct a shingle mill and dry kiln at tidewater near the outlet of Nitinat lake, a small water inlet on the southwest corner of the island.

SAN DIEGO, Cal.—Shell Oil Co. is seeking a lease of tidelands at San Diego, to erect two 25,000-gal. tanks, bldg. and wharf. The tanks will be one-quarter inch welded plate walls, and the bldgs. will include galv. iron sheet metal warehouse, pump house, garage and office bldg. Facilities will also be put in for pumping and unloading.

SEATTLE, Wash.—Improvements totaling \$115,000 to the plant of the Associated Oil Co., at 1733 Railroad Ave., are planned in addition to \$200,000 in improvements now under way. New work involves the erection of steel oil storage tanks, one 37,000 bbl., 55x30-ft., one 90,000 bbl., 90x30-ft., one 10,000 bbl., 54x25, another 5000 bbl., 40x23; cone, and steel garage building, 336 by 30 ft.; warehouse, type of construction to determine, 220 by 42 ft.; J. McNeill, 207 White Bldg., Seattle, resident eng. for company.

FLATS

Contract Awarded.

FLATS Cost, \$12,000
SAN FRANCISCO, E 8th Ave. 55 N California

Two-story & basement frame (2) flats.
Owner—A. Biniaz, 377 Laidley St.

Architect—Edward E. Young, 251 Kearny Street.

Contractor—A. A. Wesendunk, 1747 Delores St.

To Be Done By Day's Work.
FLATS Cost, \$9000
SAN FRANCISCO, N Fulton 52-6 W 14th Ave.

Two-story & basement frame (2) flats.
Owner—S. C. Weinberg.
Architect—O'Brien Bros., Inc., 240 Montgomery

Contract Awarded.
FLATS Cost, \$12,000
SAN FRANCISCO, S Hill 85 W Valencia.
Two-story & basement frame (4) flats.
Owner—Jas. Landini, 271 Fair Oaks St.
Contractor—E. Wrander, 41 Coleridge Street.

Contract Awarded.
FLATS Cost, \$12,000
OAKLAND, S 41st St, 140 W Webster.
Two-story 16-room frame flats.
Owner—R. Foglietti, 443 43rd St., Okl.

Contract Awarded.
FLATS Cost, \$9500
SAN FRANCISCO W Sweet 75 N Greenwich.
Two-story frame (2) flats.
Owner—G. B. Guetiglah, 2529 Greenwich.
Contractor—Paul De Martini, 2869 Acavita St.

GARAGES

Contract Awarded.
GARAGE BLDG. Cost, \$102,500
LOS ANGELES, S E 7th & Bixel Sts.
Add 3 stories and remodel 3 story class A garage bldg.
Owner—W. W. Paden & W. C. Price for Don Lee, Cadillac agent.
Architect—Chas. M. Hutchinson, 427 Security Bldg., L. A.
Contractor—Robertson & Evans, 405 Grant Bldg., L. A.
Bldg. is 100x200 ft. The entire first story will be fitted up with new tile floor for show room. The 3 additional stories will be reinf. conc. constr., stucco ext., terra cotta trim, new plate glass windows, steel sash, 2 passenger and 2 freight elevators.

Contract Awarded.
GARAGE Cost, \$36,470
FRESNO, Fresno Co., Cal. Lots 27 to 32, blk. 99.
One-story brick garage.
Owner—Richard Emirizan, 1002 "T" St., Fresno.
Architect—E. Mathewson, Cory Bldg., F.
Contractor—Fred Stone, Mason Bldg., F.

Figures To Be Taken In A Week.
GARAGE Cost, \$18,000
SAN JOSE, Santa Clara Co., Cal. S 1st near Williams.
One-story reinf. conc. garage.
Owner—Costa & Miller.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

BAKERSFIELD, Kern Co., Cal.—H. Justin Hensley, Bakersfield, will erect a one-story brick or concrete garage and machine shop, 50x150 ft., in Kentucky street.

SAN JOSE, Santa Clara Co., Cal.—R. O. Summers, 17 North First St., San Jose, at \$2075, awarded contract by supervisors to erect garage building near county courthouse. J. E. McComb only other bidder at \$2520.

LONG BEACH, L. A. Co., Cal.—W. E. Duckworth and J. T. Lyon of Anaheim, and H. O. Henderson, 3300 E 5th St., Long Beach, announce the erection of a \$150,000 3-story 150x150 ft. class A reinf. conc. auto storage bldg. adjoining the Artaban Apts., Atlantic Ave., Long Beach for themselves. Plans are being made in the east. Ramp climbs A bldg. now on the site will be converted into apts.

EUREKA, Humboldt Co., Cal.—Chas. Green Co., Eureka, has purchased site at northwest corner of Fourth and H Sts., 35x120 ft., and will erect a one or two-story fireproof garage building.

SEATTLE, Wash. — Pacific States Const. Co., Colman Bldg., at \$75,000 awarded contract to erect one-story and basement fireproof garage, 27x145 ft. at Dearborn and Lane Sts., for Frank D. Black, Inc., Colman Bldg. Complete machine shop equipment will be installed. Bebb and Gould, Seattle, architects.

GOVERNMENT WORK AND SUPPLIES

The Circle Construction Co., Inc., 59-61 Pearl St., New York City, are bidding on the general construction of the 29 hospital buildings to be erected in Livermore for the U. S. Veterans' Hospital. They are in the market for all sub-bids, roofing and sheet metal work.

WASHINGTON, D. C.—Until Dec. 29, 11 a. m., bids will be received by Bureau of Yards and Docks, Navy Department, under Spec. No. 4700 for fur and depositing approx. 375,000 cons hard stone riprap to form embankment along Dike No. 12, Mare Island Navy Yard. See call for bids under official proposal section in this issue.

WASHINGTON, D. C.—Under Specification No. 4707, bids will be asked shortly by the Bureau of Yards and Docks, Navy Department, to extend existing pier No. 4 at Puget Sound Navy yard approximately 716 ft. Extension will comprise a reinforced concrete superstructure 80 feet wide, carried on reinforced concrete cylinders supported by timber pilings. Timber fender systems, piers, bollards, electric conduits, service piping and bituminous wearing surface over deck are included. No dredging, except as necessary to install cylinders is included. Prospective bidders for this work may file applications for plans.

SAN FRANCISCO.—Until Dec. 4, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 Second St., for handling about 15,000 cu. yds. in finishing the two ends of the levee on Brannan Island, between the Turner and Kuhn property, about 3 miles above Rio Vista, Solano county.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, preparing Specification No. 4757 for telephone conduit cables and terminals at San Diego Naval Base. Bids will be asked at San Diego in the immediate future.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, preparing Specification No. 4755 for electric elevator cranes for Puget Sound Navy Yard.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, for fur, materials as follows, date for opening bids as noted at end of each paragraph:

Schedule 298, for various eastern and western yards, miscellaneous gum gaskets, Dec. 12.

Schedule 300, for various eastern and western yards, miscellaneous dry cells, Dec. 12.

Schedule 307, for various eastern and western yards, miscellaneous cotton and rubber insulating tape, Dec. 12.

Schedule 308, for various eastern and western yards, miscellaneous calcium-chloride, Dec. 12.

WASHINGTON, D. C.—Wayne Tank and Pump Co., 420 4th St., San Francisco, at \$5003.48 awarded contract by Bureau of Yards and Docks, Navy Department, to construct a gasoline tank at Chollas Heights, Cal. Time for completion 30 days.

WASHINGTON, D. C.—Until Dec. 12, bids will be received by Bureau of Supplies and Accounts, Navy Department, for fur and del. Mare Island Navy Yard under Schedule No. 295, twenty portable electric drills and 9 electric grinders.

PORTLAND, Ore.—Until Dec. 26, 11 A. M., bids will be received by U. S. Engineer Office, 216 New Post Office Bldg., for furnishing and delivering two steel dump scoops. Further information will be furnished on request to above.

WASHINGTON, D. C.—Western Engineering & Constr. Co., 512 Templeton Bldg., Salt Lake City, Utah, at \$47,500 submits low bid to Supervising Architect, Treasury Department, to construct post office at Vernal, Utah. Johnson & Constr. Co., Fargo, N. Dak., only other bidder at \$49,990.

WASHINGTON, D. C.—Chief of Engineers, U. S. A., has authorized dredging and building of retaining wall in Richmond Harbor, Calif., estimated cost, \$180,000. Bids will be asked by San Francisco Engineer's Office, Customhouse.

WASHINGTON, D. C.—U. S. Engineer Office, First District, San Francisco, has been authorized by Chief of Engineers, U. S. A., to call bids for stone and construct breakwater at Crescent City, Calif., estimated cost, \$170,000.

WASHINGTON, D. C.—The Golden Gate Iron Works, 1541 Howard St., San Francisco, has been awarded a contract for furnishing and installing grilles at the Palo Alto U. S. Hospital. Contract price, \$8,125.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, is preparing Specification No. 4756 for move buildings at training stations to radio stations at Mare Island, Calif., Navy Yard.

HALLS AND SOCIETY BUILDINGS

Bids To Be Called For Shortly
ADDITION Cost, \$55,000
SAN FRANCISCO, Presidio of S. F.
Two-story hollow tile & concrete ward and clinic addition to Letterman General Hospital.
Owner—U. S. Government.
Architect—Construction Quartermaster Dept., Fort Ord.

Preliminary sketches have been sent to Washington for approval.

Completing Plans—Bids To Be Called About Dec. 15.
LODGE BLDG. Cost \$60,000
HOLLISTER, San Benito Co., Cal. 5th and San Benito Sts.

Three-story and basement reinforced concrete lodge and store bldg.
Owner—Elks Lodge of Hollister.
Architect—Shea & Shea, Chronicle Bldg San Francisco.

(42292) 1st report May 12, 1922; 2nd report Sept. 26, 1922. R 8

Contracts Awarded.
ADDITION Cost—
SAN FRANCISCO, N Oak Street W Van Ness Avenue.

Three-story reinforced concrete addition adjoining present lodge bldg.
Owner—Young Men's Institute.

Architect—Shea & Shea, Chronicle Bldg San Francisco.

General Construction — Ruegg Bros., California-Pacific Bldg., San Francisco, \$46,276.

Structural Steel — Central Iron Works, 631 Florida St., San Francisco, at \$10,200.

Ornamental Iron — Withington Iron Works, 130 Brannan St., San Francisco, \$1875.

Marble — California Marble Works, 369 Pine St., San Francisco, \$2027.

Painting — F. E. Kiesel, 675 Fulton St., San Francisco, \$3310.

Sheet Metal Work — Guilfey Cornice Works, 309 8th St., San Francisco, \$1096.

Roofing — J. W. Bender Roofing Co., Mendocino Building, S. F., \$854.

Glass and Glazing — P. A. Smith Co., 638 4th St. S. F., \$1827.

Sidewalk Lights — P. H. Jackson Co., 238 1st San Francisco, \$1164.

Bids for the electrical work, plumbing and tile are still under advisement.

Contract Awarded
COMMUNITY HOUSE Cost, \$18,894
NOVATO, Marin Co., Cal.
Community house.

Owner—Community Council of Novato.
Architect—A. M. Schuetz, San Rafael.
Contractor—Chas. F. Schuetz.

Plans Being Filed—Bids Close Dec. 1 5 p. m.
CLUB BLDG. Cost—
BAKERSFIELD, Kern Co., Cal., 17th and L Streets.

Constructing Club building
Owner—Frank S. Reynolds Post No. 26 American Legion, C. H. Nichols, secretary.

Architect—Chas. H. Hiegar, Bank of Italy Bldg., Bakersfield.

Cost, check 10% payable to Building Committee required with each bid. Plans obtainable from architect.

Plans Complete—Bids To Be Called For Shortly.

LODGE BLDG. Cost, \$250,000.
SANTA ROSA, Sonoma Co., Cal., A. St. bet. 4th and 5th Sts.
 Three-story reinforced concrete lodge building.

Owner—Santa Rosa Lodge of Elks.
 Architect—Shea & Shea, Chronicle Bldg., San Francisco.

LOS ANGELES, L. A. Co., Cal.—L. A. Athletic Club has purchased the St. Vincent Church property at n w corner of Washington St. and Grand Ave. as a site for a new and larger club bldg. The property is 53x130 ft. and a portion, which will not be required for the club building, will probably be sold. The terms of the sale provide that the Church may have the use of the property for two years, while other buildings are being erected for it.

HUNTINGTON PARK, L. A. Co., Cal.—Elks Lodge of Huntington Park desires bids for erecting a 2-story brick and terra cotta store and lodge building 190x110 ft., at Huntington Park, A. H. McCulloch, 942 Delta Bldg., L. A., archt. Bids will be taken for all work complete in one contract. Plans may be obtained from the secretary at present lodge bldg. in Huntington Park.

SANTA CRUZ, Santa Cruz Co., Cal.—San Lorenzo Improvement Club will campaign for funds to construct a \$25,000 auditorium building in business district. A site 56x120 ft. has been selected. Structure will seat 6000 persons.

RENO, Nevada—Construction of a club house to cost \$25,000 is planned by the **Italo-American Club**, of which H. E. Lorenzini, is secretary.

Spokane, Wash.—Spokane Knights of Columbus have had plans prepared and construction will be started shortly on a \$250,000 office and club building. Edw. E. Ryan, Grand Knight of Spokane Council.

HOSPITALS

Contract Awarded.

NURSES HOME Cost \$19,500.
OAKLAND, W. Piedmont Ave. 536 N. Moss Ave.

Two-story 17-room frame nurses home.

Owner—Fabiola Hospital Assn., Moss & Broadway, Oakland.
 Contractor—A. Cederberg, 1445 Excelsior Ave., Oakland.

Bids Opened.

HOSPITAL Cost—
MERCED, Merced Co., Cal. 27th and M Streets.

Two-story hollow tile hospital.

Owner—Mercy Hospital Ass'n.
 Architect—Ira W. Hoover, Planada Cal. Walter Murch, Federal Realty Bldg., Oakland, \$66,864.

Colman & Medel, S. F., \$72,866.
 Merced Concrete Const. Co., \$76,840.
 E. F. Jensen, Merced, \$78,000.

OAKDALE, Stanislaus Co., Cal.—Mrs. Myrtle Ertter, Oakdale Hospital, plans erection of new hospital building, plans for which have already been prepared.

GLENDALE, L. A. Co., Cal.—Arch. Alfred P. Pratt, 718 E. Bldg., L. A., has completed working plans for a class A sanitarium to be erected at E Broadway and Wilson St., Glendale, for Glendale Sanitarium (Seventh Day Adventists), C. E. K. main, manager. The main bldg. will be 4-sto. and basement, 450x45 ft., and will contain executive offices, 9 physicians' offices, classrooms, pharmacy, operating rms., lobby, waiting rooms, and 150 patients' rms.; steel frame constr., brick walls, rug, brick facing, terra cotta trim, slate and comp. rfg., hardwood and pine trim, reinforced fls., three elevators, 2 dumb waiters, vaults, X-ray dept., lavatory and toilet for each rm., 52 baths, marble and tile work. There will be one wing 50x152 ft., 1-sto. and basement to contain dining rm., 50x75 ft., parlor, 40x60 ft., kitchen and employees' dining rm., and another wing, 1-sto., 150x112 ft., to contain ladies' and men's treatment rms., gymnasium, etc. The wings will be of class C brick constr. Work will be done by the day and subcontract. W. E. Whalen, of Oakland, is the constr. eng.,

and is making his headquarters at 719 Fay Bldg., L. A. Preliminary work at the site has been started.

SAN JOSE, Santa Clara Co., Cal.—The Santa Clara County Supervisors received bids as follows on November 13 for the improvements to the County Hospital as follows: Alterations and additions to Old Ladies' Home; constructing fireproof (50 bed) addition; constructing garage for twelve machines; alterations of rear porches of main building for additional fire protection and for painting the main building's residence.

Hospital Addition

Sample & Cody, 180 Jessie St., San Francisco	\$93,490
W. G. McIntyre & Son, Okla.	\$4,985
R. O. Summers, San Jose	\$2,250
D. R. Wagner, S. F.	\$9,990
H. C. Jorgenson	\$103,973
M. C. Vaughn, Oakland	\$11,793

Heating and Ventilating

	(1)	(2)
H. W. Van Pelt	\$3595	\$1665
F. P. Stader	3690	1500
P. J. Enright	3820	1174
M. S. Mooney	3888	1779
J. E. O'Mara	4100	1600
American Parlor	4291	1325

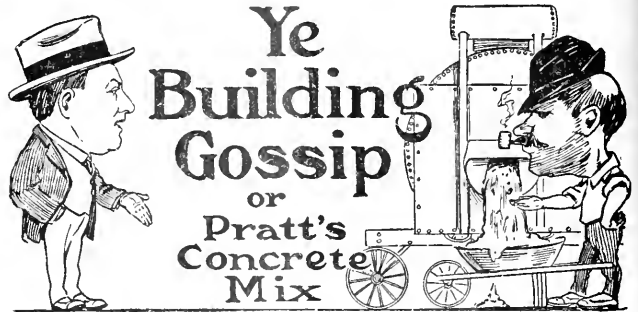
Alteration To Hospital & Construction To Garage

Magna & Newell 6055 2750
 Bids were taken under advisement until the afternoon meeting.

HOTELS

Plans Being Prepared.

HOTEL Cost, \$1,000,900.
LOS ANGELES, Los Angeles Co., Cal. No. 813 South Flower St.
 Ten-story and basement Class A hotel building, 50x155 (300 rooms).



Here is really the newest one ever. Out comes a prosperous-looking person from Rutherford, New Jersey. He has a pocket bulging with papers and one of the bundles held together tightly by a stout rubber band is a contract.

It is all duly signed, sealed and delivered with notarial stamp and everything. It mentions a party of the first part and party of the second part strictly according to the legal Hoyle.

This important document sets forth that its holder is the contractor especially signed up where the lights sputter in the loarin' Porties to cross the Alleghenies, the Great Divide and the arid regions of the Western States to perform the simple task of giving the Golden Gate a brand new coat of gilt.—San Francisco Examiner.

AS BARNUM said.

THERE IS a sucker.

BORN EVERY minute.

THE ABOVE is a new one.

TO CLARENCE Sand Pratt, President.

OF THE Pratt Building Material Co.

DOUGLAS 360—"easy to remember."

AND IF it is so easy.

TO SELL things.

LIKE THE City Hall.

AND THE Stockton street tunnel.

THEN SANDY, alias Clarence Pratt.

WILL OFFER for sale.

THE "RED" of the American River.

WHERE SANDY Pratt digs.

THEN WASHES and screens.

HIS FAMOUS American River sand.

AT SACRAMENTO.

MAYBE MR. E. A. Haystack.

MIGHT BUY the concession.

TO MAKE sand-wiches.

OUT OF Pratt's white Marysville sand.

AND DON'T think.

THAT ALL the "boobs."

LIVE IN the country.

FOR SANDY Pratt.

SAW A street faker.

ON MARKET Street, San Francisco.

SELLING A looking glass affair.

THAT WAS supposed.

TO LOOK around the corner.

AND UP into a transom.

THEN DOWN.

INTO A bed room.

FILLED WITH ladies.

TRYING ON bathing suits.

"I THANK you."



I. C. Cornstalk showing his wife, Daissyapure and his beautiful daughter, Mrs. U. R. A. Beanpuler, the ferry building that he bought for \$10,000. Moral—Use Pratt's "sharp" sand and you will not be "cleaned" by these financial sharpshooters.

Owner—Fred Siegel, 419 Chapman Bldg., Los Angeles.
Architect—Alec C. Carlett and Claud Beelman, Union Bank Bldg., Los Angeles.

Plans Being Prepared.
HOTEL, ETC. Cost, \$300,000.
LOS ANGELES, Los Angeles Co., Cal.
Temple St. and Broadway.
Four-story class C brick store and hotel building, 14x182.
Owner—Paulus & Hartfield.
Architect—Walker & Eisen, Pacific Finance Bldg., Los Angeles.

Contract Awarded.
HOTEL. Cost, \$225,000.
LOS ANGELES, Los Angeles Co., Cal.
S E Second and Hill Streets.
Four-story and basement class C store and hotel building, 115x120.
Owner—M. Seere, Broadway Central Bldg., Los Angeles.
Architect—Noerberg & Johnson, 401 Los Angeles Railway Bldg., L. A.
Contractor—Max Covalerchik, 695 Plymouth Blvd., Los Angeles.

PUBLIC PLANTS

TILLAMOOK, Ore.—Coast Power Co., will spend \$150,000 in new building and installing additional equipment. C. J. Edwards is president of company.
R & E

PUBLIC BUILDINGS

Plans Being Figured.
MARQUESE. Cost, \$5500.
OAKLAND, Alameda Co., Cal., City Hall N W Court.
Ornamental iron and bronze marquise.
Owner—City of Oakland.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Contract Awarded.
CLUBHOUSE. Cost, \$10,000.
PENNGROVE, Sonoma Co., Cal., Woodworth Ave. and Oak St.
One-story frame and stucco clubhouse, 52x110 ft.
Owner—Ladies' Social Welfare Club, Penngrove, Calif.
Contractor—Al Herman, Penngrove, California.

To Call Bids On Excavating and Concrete Work.
STADIUM. Cost, \$1,000,000.
BERKELEY, Alameda Co., Cal., Strawberry Canyon.
Reinforced concrete memorial stadium, 2,000 seats.
Owner—University of California.
Architect—Commission composed of E. L. Carpenter, Geo. F. Buckingham and John Glen Howard, University of California, Berkeley.
Bids will be called for about Nov. 25 for excavating work amounting to approximately \$200,000 and concrete work amounting to \$100,000.

SACRAMENTO, Sacramento Co., Cal.—Bids for such remaining portions of the state printing plant at Eleventh and O streets as there is money available to construct, will be called for within the next few days, according to announcement Thursday by State Architect and Mr. E. McDougall. Plans and specifications are being completed together with the necessary contracts.
Davison & Nielsen, 150 Jessie St., San Francisco, have the general contract.

VISALIA, Tulare Co., Cal.—Supervisors take option on five blocks of property on which it is proposed to erect a million dollar courthouse.

POMONA, Cal.—California Veterans Welfare Board is seeking site for large agricultural colony for Veterans to be provided for under recent \$10,000,000 bond issue. John P. Kennedy, Chief Appraiser for Security Trust and Savings Bank, Los Angeles, is giving his aid to Capt. Frank H. Nichols, chairman, in his selection of suitable location.

NAPA, Napa Co., Cal.—City Council rejects bids to remodel city hall and new bids will be asked from revised plans.

SANTA ANA, Orange Co., Cal.—Frank Hudson, Higgins Bldg., L. A., was the low bidder and was awarded the gen. contr. at \$203,987 for erecting a new hall of records bldg. at Santa Ana for Orange Co. Other bids were: Chris. McNeill, Santa Ana, \$209,220; John Simpson Co., \$223,223; Davies Constr. Co., \$226,300; and Hardiman Co., \$233,000. Plans for the bldg. were prepared by Frank Donnelly, Fullerton. It will be class A concrete, 3-story, 8x140 ft. brick and reinf. conc. contr., press brick and terra cotta ext., tile and conc. fig., marble and tile work, oak inter. finish, steam heat, fireproof doors, metal skylights, struc. steel, metal lat., oil burners, plate glass, ornam. iron.

SAN JOSE, Santa Clara Co., Cal.—The Santa Clara County Supervisors opened bids on November 13 for furnishing and installing metallic equipment in the offices of the Tax Collector, Assessor, County Clerk and Justice Courts.
Geo. Trask, 76 Soto St., S. F., \$2372.50
M. G. West, S. F. 2510.00
A. Carlisle, S. F. 2650.00
Melvin Roberts, Hawthorne, 3249.50
Rucker-Fuller Desk Co., 3500.00
F. W. Wentworth 5604.25

RESIDENCES

Plans Being Figured.
RESIDENCE. Cost, \$10,000.
SAN FRANCISCO, W Divisadero 100 S Greenview Street.
Two-story and basement frame and plaster residence (8 rooms and basement garage).
Owner—Dr. Albert A. Milliken.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.

Plans Being Prepared.
RESIDENCE. Cost, \$11,000.
Architect—Withheld.
Architect—Chas. W. McCall, Central Bk. Bldg., Oakland.

Contract Awarded.
DWELLING.
BERKELEY, Alameda Co., Cal., 70 Domingo.
Two-story 2-room dwelling.
Owner—E. H. Horton.
Contractor—Louis Engler, 2940 Forest Ave., Berkeley.

Contract Awarded.
RESIDENCE. Cost, \$10,000.
SAN FRANCISCO, E Sotelle 344 N Lopez.
Two-story and basement frame and plaster residence and garage (13 rooms).
Owner—H. T. Anderson, 109 Montgomery.
Architect—Houghton Sawyer, Hearst Bldg., San Francisco.
Contractor—Chas. Stockholm & Sons, 849 Menadock Bldg.

To Be Done by Day's Work.
RESIDENCE. Cost, \$10,000.
SAN FRANCISCO, E Walnut 87 S Washington St.
Two-story frame residence.
Owner—MacDonald & Kahn, 130 Montgomery St., San Francisco.
Architect—S. L. Hyman, Foxcroft Bldg., San Francisco.

Plans Being Prepared.
RESIDENCE. Cost, \$10,000.
SAN FRANCISCO, Santa Paula Ave. St. Francis Wood.
Two-story frame and stucco residence.
Owner—J. Mora Moss.
Architect—H. H. Catterton, 278 Post St., San Francisco.

Contract Let.
BUNGALOWS. Cost, \$21,500.
FRESNO, Fresno Co., Cal., North Van Ness Avenue.
Six frame and stucco bungalows, each 22x24 ft., 4 rooms & sleeping porch.
Owner—J. G. Ohannesian, Fresno, Cal.
Architect—Contractor—DeLore Construction Co., Fresno, Cal.

Plans Being Figured.
RESIDENCE. Cost, \$15,000.
SAN JOSE, Santa Clara Co., Cal.
One-story 9-room frame and stucco residence with tile roof (separate garage).
Owner—Fred Stern.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

Plans Being Prepared.
RESIDENCE. Cost, \$10,000.
SAN JOSE, Santa Clara Co., Cal.
One-story cement block residence.
Owner—J. M. Anderson.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose, Cal.

Plans Being Prepared.
RESIDENCE. Cost \$8000.
SAN FRANCISCO, S E 12th and Howard Streets.
Frame 6-room residence.
Owner—Leonard Franks.
Architect—A. J. Horstman, 16th and Mission Sts., Anglo Bldg.

Contract Awarded.
RESIDENCE. Cost, \$15,450.
SAN FRANCISCO, R E 25th and Church.
Two-story and basement frame stores and residence.
Owner—J. Gonzales.
Architect—Evans & Co., Pacific Bldg.
Contractor—C. Laubig, 277 Surrey St.

Contract Awarded.
RESIDENCE & GAR. Cost, \$9404.
SAN MATEO, San Mateo Co., Cal., S Bellevue Ave.
1½-story frame residence and garage.
Owner—Claire Howard and R. L. Ross, 100 Bellevue, San Mateo.
Architect—E. I. Norberg, Balboa Bldg., San Francisco.
Contractor—The Burlingame Bldg. Co., Inc., 1120 Burlingame, Burlingame.

Plans Being Prepared.
RESIDENCE. Cost, \$15,000.
BURLINGAME, San Mateo Co., Cal.
Two-story frame and plaster residence with the roof (Spanish style) eight rooms and separate garage.
Owner—J. F. Hoffacker.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Plans will be ready for figures in two weeks.

Plans Being Prepared.
RESIDENCE. Cost, \$16,000.
SAN FRANCISCO, Jackson St. near Laurel.
Two-story and basement brick veneer and stucco residence (5 rooms and basement garage).

Owner—A. Mann.
Architect—Wm. F. Gunnison, 1666 Golden Gate Ave.
Plans will be ready for figures in about ten days. Bids will be taken for a general contract.

Plans Being Prepared—Figures To Be Taken In Ten Days.
RESIDENCE. Cost, \$17,000.
SAN FRANCISCO, S W Jackson and Laurel.
Two-story and basement frame and stucco residence, 3 rooms, 2 baths and separate garage.
Owner—Al Sala.
Architect—Wm. F. Gunnison, 1666 Golden Gate Ave.

Figures will be taken for a general contract.

Plans Being Prepared.
RESIDENCE. Cost, \$10,000.
PASO ROBLES, San Luis Obispo Co., Cal.
Two-story frame and stucco residence.
Owner—Dr. McCall.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Plans Being Prepared.
RESIDENCE. Cost, \$8000.
OAKLAND, Alameda Co., Cal., Lakeshore Highlands.
Two-story frame and stucco residence.
Owner—C. W. Smith.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

SCHOOLS

Plans Being Figured—Bids Close Dec. 18, 3 P. M.
SCHOOL. Cost, \$500,000.
SANTA BARBARA, Santa Barbara Co., Calif.
One and two-story and basement reinforced concrete high school.
Owner—Santa Barbara High School District, E. Carlotta Denigate, Clerk.
Architect—W. H. Weeks, 369 Pine St., San Francisco, and Roland F. Sauter and E. Keith Lockard, 338 San Marcos Bldg., Santa Barbara.

See call for bids under official proposal section in this issue.

Bids To Be Advertised for in a Few Days.

SCHOOL. Cost, \$75,000.
VACAVILLE, Solano Co., Cal.
One-story hollow tile 6-room and auditorium school.
Owner—Vacaville School District.
Architect—Geo. C. Sellon & Co., Mitau Bldg., Sacramento.

GYMNASIUM. Cost, \$50,000.
One-story hollow tile or concrete and frame gymnasium.
Owner—Gilroy School District.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
Figures are being taken for a general contract, plumbing and heating.

Completing Plans—Figures to be Taken in Two Weeks.

SCHOOL. Cost, \$49,000.
LOOMIS, Placer Co., Cal.
One-story hollow tile school (6 rooms and an auditorium).
Owner—Loomis Grammar School District.
Architect—Geo. Sellon & Co., Mitau Bldg., Sacramento.

Plans Being Figured—Bids Close Dec. 28, 1922.

GYMNASIUM. Cost, \$50,000.
GILROY, Santa Clara Co., Cal.
One-story hollow tile or concrete and frame gymnasium.
Owner—Gilroy School District.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
Figures are being taken for a general contract, plumbing and heating.

Plans Being Figured—Bids Close Nov. 28, 1922.

SCIENCE HALL BLDG. Cost, \$200,000.
SANTA CLARA, Santa Clara Co., Cal.
Three-story reinforced concrete Science Hall building.
Owner—University of Santa Clara. Rev. Father Maher, S. J., president.
Architect—J. J. Donovan, Pacific Bldg., Oakland.
Figures are being taken for a general contract. Plans may be obtained from the architect on a deposit of \$20.

Low Bidder. Cost \$—
GERBER, Tehama Co., Cal. One-story frame 4-rm. and auditorium school.
Owner—Gerber Union High School District.
Architect—Geo. C. Sellon & Co., Mitau Bldg., Sacramento.

Low Bidder—Hart Constr. Co., Gerber.

Contracts Awarded. Cost—
SCHOOL. BLIEN, Col. (S. L. LORRIZO, Cal.)
One-story frame 16-room and auditorium school building.
Owner—San Lorenzo School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

General Contract awarded to Sorenson Bros., Hayward School \$31,890, auditorium \$8,000.

Plumbing to Thos. H. Calton, Berkeley.
Heating to Frank J. Edwards, 835 Pomona St., Berkeley.

LARKSPUR, Marin Co., Cal.—Bids were opened on Nov. 20 by the Board of Trustees of the Larkspur-Corte Madera Elementary School District for alterations and alterations to the present building. Plans were prepared by Architect Norman R. Coulter, 46 Kearny St., S. F. Bids were taken under advisement.

General Contract

(1) Cement walls, (2) frame and plaster, (3) deduct if gravel is used, (4) add for plumbing etc. in old building.
Cochrane, Grant & Boehm, Cal. Bldg., S. F. (1) \$20,013, (2) \$18,050, (3) \$450, (4) \$2343.
J. G. Leibert, (1) \$20,749, (2) \$17,946, (3) \$500, (4) \$2329.
Peter Jensen, (1) \$21,655, (2) \$20,755, (3) \$625, (4) \$2200.
W. J. Mcker (1) \$24,000, (2) \$21,000, (3) \$600, (4) \$2525.

Heating

Knittle-Cashel Co., S. F., 1, 2, 3, \$—, (4) \$854, (5) \$596.
Anderson Heating Co., (1) \$240, (2) \$965 (3) \$55 (no check).
Gilley Schmidt; (4) \$1097, (5) \$588.
C. F. Weber Co., S. F., (4) \$930.

SAN FRANCISCO—Until Dec. 20, 3 p. m., bids will be received by Board of Public Works for linoleum in North Beach (Galileo) High School; est. cost, \$22,000; bond of \$500 required of successful bidder. Spec. on file in Bureau of Architecture, 2nd floor, city hall.

REDWOOD CITY, San Mateo Co., Cal.—Bids were opened on November 18, by the Board of Trustees of the Sequoia Union High School District in Redwood City, for the construction of three, one-story school buildings to be known as the Main Building, Auditorium and Gymnasium. Plans were prepared by architects Carl Werner and Alfred L. Coffey, Humboldt Bank Building, San Francisco. Bids were taken under advisement. Following is a complete list of the bids received:

General Contract
Robert Frost & Howard
St. S. F. \$210,704
deduct \$4672
Beck & Kohn, S. F. 223,241
deduct \$2600
Hannah Bros., S. F. 229,090
deduct \$6200
Barrett & Wild, S. F. 229,561
deduct \$587
C. H. Hild, S. F. 232,559
deduct \$500
Ward & Jones, S. F. 237,550
deduct \$810
Lambert & Bergstrom, S. F. 238,400
deduct \$8000
P. F. Reilly & Nemetz, S. F. 239,600
deduct \$4500
Mission Concrete Co., S. F. 244,073
deduct \$2900
Jas. L. McLaughlin, S. F. 245,000
deduct \$7000
Mathias & Smith, S. F. 245,436
deduct \$5186
O. C. Holt, S. F. 249,820
deduct \$5120
K. E. Parker Co., S. F. 250,900
deduct \$4800

Plastering

Jos. Greenback, 371 Waller St., San Francisco \$39,600
add \$650
A. Knowles, S. F. 42,250
add \$2000
Leonard Bosch, S. F. 42,320
add \$1242
C. L. Wold, S. F. 48,200
add \$759
Peter Bradley, S. F. 53,600
add \$5000
Jas. F. Smith, S. F. 55,600
add \$3100

Plumbing

Christensen & Anderson, 167 Hamilton Ave., Palo Alto \$36,186
Burnham Plumbing Co., S. F. 36,241
Palo Alto Eng. & Constr. Co., Palo Alto 36,502.74
J. F. McGowan, 3786 Mission St., W. H. Picard, Oakland, 34,372
J. E. O'Mara, S. F. 35,390
Burnham Plumbing Co., S. F. 37,560
Scott Co. 37,560

Painting

D. Zelinsky, 420 Turk St., S. F. \$10,700
deduct \$2500
R. Zelinsky, S. F. 11,900
deduct \$2260
Redwood City Paint Co. 12,000
deduct \$1800
J. L. Bird, Richmond, 13,985
deduct \$600
Palo Alto Eng. & Constr. Co. 15,142
deduct \$1575

Electrical Work

M. E. Ryan, 519 California St., Central Elec. Co., S. F. \$15,330
Newbery Elec. Co., S. F. 15,623
Eug. Elec. & Mfg. Co., S. F. 15,700
Roberts Mig. Co., S. F. 15,729
Watts Elec. Co., S. F. 13,950
C. C. Severin, S. F. 16,135
Collonhan Elec. & Mfg. Co., S. F. 16,310

Blackboard

Stewart Sales Co., Rialto Bldg., San Francisco \$4250
Rucker-Fuller Co., S. F. 4297
C. F. Weber Co., S. F. 4433.68

A. E. Leitch

Fred Clark

CLARK & LEITCH
ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1110 SECOND ST., SACRAMENTO

Phone Main 726

STEWARD, Nevada—Until Dec. 4, 2 p. m., bids will be received by Frederick Snyder, supt. Carson Indian School, Steward, Nev., for erection of stone portion of mess hall. Plans may be had from superintendent.

See call for bids under official proposal section in this issue.

PASADENA, L. A. Co., Cal.—W. G. Coffey, 204 Brock Bldg., Long Beach, was the low bidder, at \$234,000 on the general contract for erecting the new McKinley school in Pasadena. The low bids were: South Pasadena Plumbing Co., plumbing, \$12,543; L. Z. Brown, heating, \$12,237; R. E. Swan, painting, \$7887; Golden State Elec. Co., wiring, \$7693. A bids received for architect and bus. mgr. for report next meeting of the board. John C. Austin, 1125 Baker-Detweiler Bldg., archt. Complete list of bids: General contractor, \$19,913; Legett, \$243,000; J. Lannister, \$233,000; North Pac. Constr. Co., \$238,525; E. F. Wopschall, \$239,999; Clarence P. Day, \$247,149; C. G. Wopschall, \$247,675; E. H. Kronmiller, \$249,000; Francis & Farris, \$255,350; W. T. Loesch, \$257,500; Lawrence Burk Co., \$268,500; Frank Hudson, \$282,734; H. O. Clarke, \$285,213; Harney & Conner, \$291,324. **Plumbing.** South Pasadena Plumbing Co., \$12,543; Munger & Munger, \$14,321; E. O. Nay & Co., \$14,760; Edward Roeth, \$15,680; Coony & Wint, \$15,680; L. Z. Brown, \$12,237; Munger & Munger, \$23,992; E. O. Nay Co., \$24,360; Franklin & Boyce, \$24,975. **Painting.** R. E. Swan, \$7887; W. G. Pesneck, \$8157; J. C. Wickens & Kemple, \$9465.53; M. O. Langard, \$9790; R. Zelinsky, \$9851; Alhambra W. F., \$9900; J. E. O'Mara, \$9945; E. Drawbaugh, \$11,465; Arenz-Warren Co., \$12,397; Horace H. Mann, \$14,750; Pasa. Paint & Elec. Co., \$11,000. **Wiring.** Golden State Elec. Co., \$7693; H. L. Miller Co., \$8717; Graham Elec. Co., \$9845. Two bldgs., auditorium seating 750, 22 classrooms, 3 rooms and playroom for kindergarten, domestic science and manual training dep'ts. Reinf. concrete constr., stucco ext'r., brick trim, slate roof, pine trim, beech floors.

BAKERSFIELD, Kern Co., Cal.—Until Dec. 20, 3 p. m., bids will be received by Mrs. Alice Simpson, Clerk, Union Avenue Grammar School District, to erect one-room school. J. M. Bakersfield, Architect, 224 19th street, payable to Clerk required. Plans obtainable from the architect.

Notice is hereby given that sealed bids will be received at the Los Gatos Grammar School and opened by the Board of Trustees of Los Gatos Grammar School, up to 8 o'clock P. M., on December 25, 1922, at 19th street. The Board reserves the right to reject any or all bids.

LOS GATOS GRAMMAR SCHOOL DIST.
L. CORNELL, Clerk.

Dated at Los Gatos, this 7th day of November, 1922.

SAN FRANCISCO—Until Dec. 20, 3 p. m., bids will be received by Board of Public Works for alterations and fixtures in North Beach (Galileo) High School at Van Ness avenue and Bay St. Est. cost, \$10,000. Bond of \$25,000 required of successful bidder. Plans may be had from Bureau of Architecture, 2nd floor city hall.

CHINO, San Bernardino Co., Cal.—Until 8:30 p. m., Dec. 8, bids will be received by trustees of Chino school district for erecting two new grade school at Chino; John C. Austin and F. M. Ashley, 1125 Baker-Detweiler Bldg., L. A., and Geo. M. Lindsey, Glendale, assoc. archts. Bids will be taken separately on the gen. constr., plumbing, painting and gas htg. The bldgs. will contain 3 rooms each; reinf. conc. walls, plas. ext'r., clay tile roofs; 100,000.

LOS ANGELES, L. A. Co., Cal.—Davison Construction Co., 1415 E. 1st St., was low bidder at \$84,868 on general contract for erecting shop and cafeteria bldgs., at Roosevelt high school site. Hunt & Burns, 701 Laughlin Bldg., L. A., archts. Low bidder on other contracts were: F. J. Donnelly on painting at \$7300; E. A. Lindgren on painting at \$4200; and Franklin & Boyce on heating at \$5975.

REEDLEY, Fresno Co., Cal.—Reedley High School District will erect a temporary gymnasium, 50x100 ft., at high school. Dr. E. W. Hauch is principal.

NAPA, Napa Co., Cal.—Until Dec. 2, 10 a. m., bids will be received by Dan Madigan, clerk, High School District, to construct school building for which bonds of \$3500 were voted. Cert. check 10% payable to clerk of district required with each bid. Plans obtainable from F. A. Younger, architect, Napa, on deposit of \$10.

OAKLAND, Alameda Co., Cal. Bids were opened on Nov. 20 by the Oakland Board of Education for the remodeling of the Cole School Building of the Oakland School District, located on Union and 11th Streets. Bids were taken under advisement.
Walter Murch, Federal Bldg.,
Bldg., Oakland\$11,875
Chas. L. Trow12,800
M. E. Hopper & Son13,586

BURLINGAME, San Mateo Co., Cal.—Until Dec. 4, 8 p. m., bids will be rec. by Mrs. J. M. Vickerson, clerk, Burlingame Grammar School District, for building new school for the heating plant in Roosevelt School. E. L. Norberg, architect, 407 Occidental Ave., Burlingame. See call for bids under official proposal section in this issue.

LOS ANGELES, L. A. Co., Cal.—The architectural dept. of the Los Angeles Board of Education has completed plans for school building bids, to be erected at Belmont high school site at First St. and Belmont Ave. The main bldg. will be 3-story, 58x556 ft. and will contain 108 rooms; the gymnasium will be 1-story, 90x176 ft.; brick constr., tile and comp. rig., reinf. conc. stairways and corridors, maple floors, marble and tile work, steam heating; \$600,000. The board of education will advertise for bids shortly.

LOS ANGELES, L. A. Co., Cal.—Arch. Thomas Franklin Power, 307 E. 7th Bldg., L. A., is taking bids for erecting a school bldg. at Sunset Blvd. and Las Palmas Ave., Los Angeles, for Roman Catholic Bishop in Blessed Sacrament Parish. Separate bids are to be taken for general constr., wiring, painting, and plumbing and heating. The bldg. will be 2-sto., 125x165 ft. and will contain 16 class rooms and an auditorium; reinf. conc. construction, plus, exter., cast stone trim, clay tile rfg., pine interior trim, wood or reinf. conc. fls. in class rms., reinf. conc. stairways and corridor fls.

SEATTLE, Wash.—Architects Beezer Bros., Seaboard Bldg., complete plans for 3-story and basement masonry school to be erected at 720 1st Ave. north for St. Joseph's Church. Will be 115x114 ft. No contracts have been let. Est. cost \$75,000.

SAN PABLO, Contra Costa Co., Cal.—Until Dec. 12, 8 p. m., bids will be rec. by H. C. Soto, clerk, San Pablo School District, for fur. 15 window shades, 45 in. by 8 ft.; also 115x4 yds. of Battleshield linoleum, 3/4-in. thick, and 42-2-ply. Battleshield tile, 3/16-in. thick. Further information may be had from clerk at San Pablo.

SAN FRANCISCO—Herman Hallensleben, at \$2434 submits low bid to Board of Public Works to construct sun porch enclosure at San Francisco hospital. Other bids: John Morton, \$2250; Cochrane, Grant and Boehm, \$2282.

D. N. & E. Walter Co., at \$7918 low bidder to furnish and install linoleum in Mission High School. Other bids: Van Fleet Frear Co., \$8580; Douglas-Lynch Inc., \$7935.

Otis Elevator Co., at \$7985 submits only bid to repair elevators in San Francisco hospital.

J. W. Burchaell, at \$2799 submits low bid to install electric fixtures in Mission High School. Other bids: Ray Lighting Fix. Co., \$5562; Roberts Mfg. Co., \$5390.

SAN FRANCISCO—City Architect John Reid, Jr., First Nat. Bank Bldg., has been instructed to prepare plans for the proposed annex to be constructed at the Oriental School. Construction will be of reinforced concrete.

WALLA WALLA, Wash.—Until Dec. 2, 10 a. m., bids will be received by Trustees of Whitman College to const. \$100,000 dormitory building for men.

SAN FRANCISCO—Supervisors have appropriated funds to furnish school buildings, as follows: Emerson, \$10,000; Columbus School Annex, \$2000; Hancock School Annex, \$2000; Adams School Annex, \$2000.

TULARE, Tulare Co., Cal.—Following bids received by Tulare Union High School District to construct (a) gymnasium bldg., and (b) academic bldg., from plans prepared by Architects Swartz and Ryland, Rowell Bldg., Fresno:

Barkeley and Gould, Tulare, (a) \$60,590; (b) \$32,961; total \$102,200.
Martin Const. Co., Fresno, (a) \$72,583; (b) \$35,597; total \$108,164.
Brown & Stafford, Madera, both buildings, \$110,307.
W. J. Ochs, Coalinga, (a) \$73,328; (b) \$34,561; total \$107,892.

Collman and Spindel, San Francisco, (a) \$71,622; (b) \$37,000; total \$107,211.
J. B. Hart, Fresno, (a) \$70,813; (b) \$32,561; total \$103,874.

Bids for other structures rejected. New bids (including pressed brick facing) for academic building will be opened December 11, 2 p. m. Plans for gymnasium building will be revised and bids asked at a later date.

UKIAH, Mendocino Co., Cal.—Until Nov. 29, 3 p. m., bids will be rec. by Wm. Bronley, clerk, Ukiah Union High School District, for fur. and del. following:

1700 bd. ft. V & center V siding, 11. W. IXS.
700 bd. ft. flooring, 1x4, O. P.
400 bd. ft. Clear K. W. 1x5, 1x6, 1x10, SIS.

1500 bd. ft. Ceiling, 1x4, R. W.
12 light light windows 3x6, 6 with frames as follows:

1 frame group for five windows, six inch partition.
5 single frames.

2 five panel pine doors, 3x7 (frames for doors).

1 double sliding garage door 5 ft. high, 10 ft. wide, 2 in. thick, with ceiling panels, redwood, complete with frame and track.

19 rolls (1900 sq. ft.) 2-ply roofing paper.

10 sacks of cement.

SAN FRANCISCO, Cal.—Construction of the first five schools to be built under the \$12,000,000 bond issue recently voted will be under way within a few months.

The first schools to be built will be: Annex to High School of Commerce on an enlarged plan.

New grammar school in the North Beach district.

Annex to the Oriental School.

New Portola School.

New Mission High School.

Plans for the High School of Commerce annex have been ready for some time and work probably will be started on this building first. Under revised plans, made necessary for lack of funds, no auditorium was provided.

With funds available through the bond issue, the original plans, including an auditorium, will be followed.

STORES AND OFFICES

Contract Awarded. Cost, \$250,000
OFFICE BLDG. SAN FRANCISCO, N Market Street W

Six-story and basement Class B office building.

Owner—Eugene N. Fritz Jr., President of the Apartment House Owners & Managers Ass'n.

Architect & Contractor—Cahill Bros., 110 Sutter St., San Francisco.

Contract Awarded. Cost, \$12,500
STORE BLDG. SAN FRANCISCO, S Irving 82-6 W

One-story office bldg.

Owner—Lee Gillig, 1298 First St., San Francisco.

Architect—None.
Contractor—Schultz Constr. Co., 46 Kearny St., San Francisco.

Contract Awarded. Cost, \$15,000
STORE BLDG. SACRAMENTO, Cal. NO. 1220 J St.
One-story store building.
Owner—Mrs. L. H. Glide, Berkeley.
Architect—None.
Contractor—C. J. Hopkins, 1318 25th St., Sacramento.

Plans Being Figured. Cost, \$29,000
STORES PALO ALTO, Santa Clara Co., Calif.
One-story reinforced concrete (6) stores, 125x75 feet.
Owner—Palo Alto Improvement Co.
Architect—Elmer M. Clark, 600 Embarcadero Road, Palo Alto.

Plans Being Prepared. Cost, \$30,000
OFFICE BLDG. SAN JOSE, Santa Clara Co., Cal. San Carlos bet. First and Market Sts.
Two-story reinforced concrete store & office building.
Owner—H. J. Binder.
Architect—Binder & Curtis, Binder Bldg., San Jose.

Plans Completed. Cost, \$13,000
STORE BLDG. STOCKTON, San Joaquin Co., Cal. 211 W San Joaquin St.
One-story store building.
Owner—California Auto Supply Co., 311 N El Dorado St., Stockton.

Plans Being Prepared. Cost—
OFFICE BLDG. OAKLAND, Alameda Co., Cal. 17th and Franklin Sts.
Class A office and store bldg. (number of stories not decided).
Owner—Harold C. Holmes, 55 3rd St. Architect—Name withheld for present.

Sub-figures To Be Taken. Cost, \$150,000
STORE SAN FRANCISCO, S Turk 137-6 E Jones
Six-story concrete store and "commercial depository".
Owner—F. W. Hess, 1312 Mission St. Eng. and Contractor—J. H. Hjul, 1342 Mission Street.

Plans Being Figured. Cost, \$20,000
OFFICE BLDG. SAN FRANCISCO, Sacramento St. W of Montgomery.
One-story and basement class C office building for insurance company.
Owner—Hotelling Estate.
Architect—O'Brien Bros., 240 Montgomery Street.

Plans Being Prepared. Cost \$—
STORE BLDG. TAFT, Kern Co., Cal., North and Fifth Streets.
One-story concrete and brick bank and store building (8 stores).
Owner—Sam Orloff, Taft.
Architect—Edelman & Barnett, H. W. Hellman Bldg., Los Angeles.

Plans Being Prepared. Cost—
STORE FIXTURES ETC. OAKLAND, Alameda Co., Cal. E Edwy. 150 N 17th (Fox Theatre).
Store fixtures etc. (marble, tile).
Owner—O. K. Cohen.
Architect—Vollmer, Chipman & Burrell Flood Bldg., S. F.

Plans Being Prepared. Cost, \$750,000
OFFICE BLDG. LOS ANGELES, Hope St. S of Figueroa
12-story class A office bldg., 3x515-9. Steel frame, brick walls, pressed brick and terra cotta exterior).
Owner—K. B. Norswing, Fullerton.
Architect—Milwaukee Bldg. Co., Wright & Callender Bldg., L. A.

OAKDALE, Stanislaus Co., Cal.—Roden Bros. have purchased two lots, each 25 by 100 feet in East Oakland Avenue and propose to erect two-story brick, 140 by 42 feet (4) stores and 26 hotel rooms above.

THEATRES

SANTA ANA, Orange Co., Cal.—Arch. W. W. Kays, Orange Co. Sav. & Tr. Bldg., Santa Ana, is preparing plans for a \$100,000 motion picture theatre to be erected on Main St. bet. 3rd and 4th Sts. Santa Ana, for C. E. Walker, present prop. of the Princess Theatre. The new bldg. will have a total seating capacity of 1400, and the main floor and 500 in balcony. The estimate includes a \$15,000 pipe organ.

Official Proposals

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on December 18, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Yuba County, between Morrison's Crossing and 1 mile south of Marysville (111-Yub-3-12), about eight and two-tenths (8.2) miles in length, to be paved with asphalt macadam.

Nevada County, between Nevada City and Little Deer (111-Nev-15-C), about eleven and eight-tenths (11.8) miles in length, to be graded.

Contra Costa County, between Hercules and Rodos (111-CC-14-B), about one and eight-tenths (1.8) miles in length, to be graded and paved with Portland cement concrete.

San Benito and Santa Clara Counties, between Hollister and Pacheco Pass Road (V-SBT-SC1-22-B and A), about eight and two-tenths (8.2) miles in length, to be graded and paved with asphalt macadam.

Madera County, between Westerly Boundary and Califa (VI-Mad-32-A), about fourteen and two-tenths (14.2) miles in length, to be graded and paved with asphalt macadam.

Ventura County, between a point 2 1/4 miles southeasterly from Huemul Road and Rindge Ranch (VII-Ven-10-A), about seven and four-tenths (7.4) miles in length, to be graded.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANFRED, Secretary,
California Highway Commission.

AUSTIN E. FLETCHER,
State Highway Engineer.
R. A. MURRAY, Secretary.

Dated November 20, 1922.

NOTICE TO CONTRACTORS

(Roosevelt School Heating System)

Notice is hereby given that the undersigned trustees of the Burlingame Grammar School District, San Mateo County, California, will receive sealed bids at the Howard Avenue School, Burlingame, for the installation of a low pressure steam heating plant in the Roosevelt School Building, located in said district, up to the hour of eight (8) o'clock p. m., on Monday, the 4th day of December, 1922, at which said

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

time and place said bids will be publicly opened.

All bids must be addressed to Mrs. J. M. Vickerson, clerk of the Board, and must be accompanied by a certified check made payable to the order of aforesaid clerk in the amount equal to at least ten (10) per cent of the largest bid so submitted, and no proposal will be considered by said Board unless accompanied by such check.

The said check to be forfeited to said Burlingame Grammar School District as ascertained and liquidated damages in case the successful bidder fails or refuses to enter into a contract to perform the work, and give the bonds required, within ten days after the date of the award.

The plans and specifications for said work may be obtained from E. L. Norberg, architect, 407 Occidental Avenue, Burlingame.

The said Board of Trustees expressly reserves the right to reject any and all bids.

Done by the order of the Board of Trustees of the Burlingame Grammar School District, County of San Mateo, State of California.

F. H. THIRALL, Chairman.

RUFUS H. KIMBALL, Trustee.

MRS. J. M. VICKERSON,

Clerk of the Board of Trustees.

BIDS WANTED FOR REMODELING POST OFFICE

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., November 13, 1922. SEALED PROPOSALS will be opened in this office at 3 p. m., Dec. 5, 1922, for remodeling in basement, etc., of the United States Post Office, Albuquerque, N. M. Drawings and specifications may be obtained from the Custodian at the building or at this office, in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

PROPOSAL FOR BIDS

(Indian School Addition)

Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Stone Mess Hall, Carson Indian School, Stewart, Nevada," and addressed to the Superintendent of the Indian School, Stewart, Nevada, will be received at

the school office until 2:00 p. m., December 4, 1922, for the erection of the stone portion of the mess hall. Drawings and specifications may be had by applying at the office of the school.

Each bid must be accompanied by a certified check or draft upon some U. S. Depository or solvent national bank, made payable to the order of the Commissioner of Indian Affairs, for at least Five Per Cent of the amount of the proposal.

For further and full information, apply to

FREDERIC SNYDER,
Supt. Carson Indian School,
Stewart, Nevada.

NOTICE TO CONTRACTORS

(Santa Barbara High School)

The High School Board of the Santa Barbara High School District, County of Santa Barbara, Cal., will receive sealed proposals up to 3 o'clock p. m., on the 18th day of December, 1922, at the office of the High School Board, 1235 Chapala Street, Santa Barbara, Cal., at which time and place said bids will be opened and read in public for furnishing the required labor, material and apparatus necessary for the erection and completion of the New Santa Barbara High School building, Santa Barbara, Cal., in accordance with plans and specifications prepared by Roland F. Sauter and E. Keith Lockard, architect, and W. H. Weeks, architect, and on file in the offices of Roland F. Sauter and E. Keith Lockard, 338 San Marcos building, Santa Barbara, Cal., and W. H. Weeks, 369 Pine Street, San Francisco, Cal.

Proposals will be received on the general construction with its alternate proposals, together with a separate bid on the heating and ventilating.

A cashier's or certified check or bidders bond in the amount of not less than five per cent (5 per cent) of the amount of the bid shall accompany each proposal drawn to the order of the Santa Barbara High School Board. It is a guarantee that the bidder will, within five (5) days after being informed of the acceptance of his bid, enter into a contract with said board in accordance with the said bid and shall furnish the surety bonds as required by the specifications. Said check or bond to be forfeited to the said school board should the bidder fail to execute contract and furnish bond as above mentioned.

All bids must be made out of forms furnished by the architects, and enclosed in a sealed envelope addressed to E. Carlotta Dengate, clerk of the High School Board, Santa Barbara, Cal., and endorsed: "Proposals for High School Building." Plans and specifications for all of the above work may be seen at the office of the architects; and a deposit of twenty-five (\$25.00) dollars must be made with each set of plans taken away from the offices of the architects, which amount will be repaid to the contractor upon returning the plans on or before the date set for opening of proposals.

The said board reserves the right to reject any and all bids and to waive any informality in any bid received.

By order of the High School Board of the Santa Barbara High School district, county of Santa Barbara, Cal.,

E. CARLOTTA DENGATE, Clerk.

November 16, 1922.

BIDS WANTED FOR GYMNASIUM BUILDING

NOTICE TO BIDDERS AND CONTRACTORS

Notice is hereby given that sealed proposals are invited and will be opened by the Board of Trustees of the Gilroy High School District, Santa Clara County, State of Calif., at 2:30 p. m., on the 15th day of December, 1922, in the pres-

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San Francisco, Cal.

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ent high school building of said school district in the County of Santa Clara, State of California, for the erection and completion of a gymnasium building in said school district, for the installation of a heating system therein—for the installation of a plumbing system therein—and for the installation of a central heating plant for the above named district, all in accordance with plans and specifications made for the same by Wyckoff & White, the authorized architects, employed by the Board. Proposals will be received separately with alternate propositions on a general contract, plumbing and heating, including everything specified and shown.

Plans and specifications can be seen at the office of Wyckoff & White, Architects, Growers' Bank Bldg., San Jose, California.

A deposit of Twenty Dollars (\$20.00) cash will be required on all plans submitted out as a guarantee of good faith.

All proposals to be made out on blank forms, furnished by the architects, and must be accompanied by a check for not less than five per centum of the amount of the bid, made payable to E. E. Brownell, Clerk of the Board, and certified to by some responsible banking house. This check is to be forfeited in the event that the successful bidder, after having been awarded the contract, fails within ten (10) days to sign the contract and furnish good and sufficient bonds satisfactory to the Trustees, and as required by law.

Bids will be received up to and including Dec. 15, 1922, at 2:30 p. m., and must be addressed to E. E. Brownell, Clerk of the Board of Trustees of Gilroy High School Dist., Gilroy, California.

The Board reserves the right to reject any or all bids.

E. E. BROWNELL, Clerk of the Board of Trustees.

Date of first publication, November 17, 1922.

Date of last publication, December 1, 1922.

BIDS WANTED FOR P. O. ALTERATIONS

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., November 14, 1922.

SEALED PROPOSALS will be received and opened in this office at 3 p. m., Dec. 11, 1922, for furnishing the materials and labor required for changes at Side Entrance at the U. S. Post Office, Oakland, Cal. Drawings and specifications may be obtained from the Custodian, or at this office, in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

BIDS WANTED FOR OPERA CHAIRS

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received at the Los Gatos Grammar School and opened by the Board of Trustees of Los Gatos Grammar School, up to 8 o'clock P. M., on December 5, 1922, for opera chairs.

The Board reserves the right to reject any all bids.

LOS GATOS GRAMMAR SCHOOL DIST. L. C. CORNELL, Clerk.

Dated at Los Gatos, this 7th day of November, 1922.

BIDS WANTED FOR P. O. ALTERATIONS

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., November 14, 1922.

SEALED PROPOSALS will be received and opened in this office at 3 p. m., Dec. 11, 1922, for furnishing the materials and labor required for changes at Side Entrance at the U. S. Post Office, Oakland, Cal. Drawings and specifications may be obtained from the Custodian, or at this office, in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 545 Forum Building, Sacramento, Cal., until 2 o'clock p. m., on December 11, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Siskiyou County, between Granada and Yreka (11-Sis-3-B), about eight and five-tenths (8.5) miles in length, to be graded and paved with either Portland cement concrete, asphalt concrete or asphalt macadam.

Siskiyou County, between 2 miles south of Thurlock and Oregon State Line (11-Sis-3-C), about nine and eight-tenths (9.8) miles in length, to be graded.

Siskiyou County, between Roseville and Lincoln (11-11a-3-A), about five (5.0) miles in length, to be surfaced with asphalt concrete.

Glenn County, between Willows and a point three miles south of Glenn (11-Gle-45-A and B), about eleven and nine-tenths (11.9) miles in length, to be graded and surfaced with gravel.

Glenn County, over the Northwestern Pacific Railroad near Lytton (IV-Son-1-A), a bridge consisting of three 32 foot reinforced concrete girder spans with the necessary bents, abutments and wing walls.

Santa Clara County, between 5 miles east of Gilroy and San Felipe (IV-SC1-22-A), about four and five-tenths (4.5) miles in length, to be graded and surfaced with Gravel.

Fresno County, between Parkfield Junction and Coalinga (VI-Fre-10-C), about eight and nine-tenths (8.9) miles in length, to be graded.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is located.

The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form and proposal for the directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON, CHIEF CLERK, WHITMORE, GEO. C. MANSFIELD, D. AUSTIN B. FLETCHER, State Highway Engineer.

R. A. MURRAY, Secretary. Dated November 13, 1922.

CALL FOR BIDS FOR CONSTRUCTION OF NORTH SIDE CANAL FOR MERCED IRRIGATION DIST.

Public notice is hereby given that sealed proposals for excavation and earthwork construction of the North Side Canal, and other of the two divisions, will be received by the Board of Directors of Merced Irrigation District, at its office in the Bancroft building, in the City of Merced, State of California, at 10 o'clock a. m., on Tuesday, December 12, 1922, at which time and place all bids so received will be opened in public at the regular meeting of said board.

The board will let said work either in portions or as a whole, to the lowest responsible bidder, but said board reserves the right to reject any or all bids and to construct the work under their own superintendence.

The work for the doing of which proposals are hereby invited is the excavation and earthwork construction of said canal, or one or more divisions thereof, except certain sections particularly described in the specifications hereinafter referred to, which said canal is divided into two divisions as follows, to-wit:

Division No. 1, extending from a point about one-half mile west of the town of Merced Falls, in Merced County, California, in a westerly direction to a point in the North line of Section 5, T. 5 S. R. 14 E., M. D. 15, S. 30, and about 1 1/2 miles west of the northeast corner of said Section 5.

Division No. 2, comprising all the canal system pertaining to and lying within the North Side Unit of the Merced Irrigation District, which North Side Unit is situated near the town of Snelling, in the Northern part of Merced County, California.

All bank slopes are to be 1 1/2 horizontal to 1 vertical and the depths of the excavation are to be determined from the bottom of the canal to the level of the top of the embankments.

Said canal and each division thereof are more particularly described in the specifications therefor, and the route and profile of the highway are delineated upon the plans therefor, which plans and specifications may be seen at the office of said board. Copies of said plans and specifications may be obtained at the office of said board on payment of \$5.00 therefor for those of each division.

Said excavation and earthwork construction will be continuous, except for railroad crossings and stream crossings where siphons are to be constructed and certain sections specifically shown in said plans and specifications.

Any bidder to whom a contract for said work or any portion thereof may be awarded must furnish bonds provided by law, to wit: a bond in the sum of at least one-half of the contract price to secure the payment of claims of material, mechanics and laborers employed upon said work, and a bond in the sum of at least 25 per cent of the contract price, conditioned for the faithful performance of the contract.

Each bid must be accompanied with cash of a cashier's or certified check or a bond for an amount equal to not less than 5 per cent of the total amount of the bid as a guarantee if the bid is accepted the bidder will, within ten days after the acceptance, enter into a contract with the district in the form attached to said specifications and furnish to the district a bond in the sum of at least 25 per cent of the contract price, conditioned for the faithful performance of the contract.

All proposals must be in forms, which will be furnished by the district at the office of said board, and must be in sealed envelopes, addressed to the Board of Directors of Merced Irrigation District.

Dated at Merced, California, November 17, 1922.

By order of said Board of Directors. W. D. WAGNER, Secretary.

SEALED BIDS, indorsed "Proposals for Rip-rapping, Bay Area, Calif.; Specification No. 4700 will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., December 20, 1922, and then there publicly opened, for furnishing and depositing approximately 375,000 tons of hard stone riprap to form a breakwater along Dike No. 12, Navy Yard, Mare Island, Calif. Drawing and Specification No. 4700 may be obtained on application to the Engineer in Charge, Assistant, Navy Yard, Calif. Deposit of \$10 payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawing and specification.

L. E. GREGORY, Chief of Bureau, Nov. 10, 1922.

BIDS WANTED FOR STONE RIPRAP

NOTICE TO CONTRACTORS

SEALED BIDS, indorsed "Proposals for Rip-rapping, Bay Area, Calif.; Specification No. 4700 will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., December 20, 1922, and then there publicly opened, for furnishing and depositing approximately 375,000 tons of hard stone riprap to form a breakwater along Dike No. 12, Navy Yard, Mare Island, Calif. Drawing and Specification No. 4700 may be obtained on application to the Engineer in Charge, Assistant, Navy Yard, Calif. Deposit of \$10 payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawing and specification.

L. E. GREGORY, Chief of Bureau, Nov. 10, 1922.

Engineering News Section

BRIDGES, DAMS & HARBOR WORK

SANTA ROSA, Sonoma Co., Cal.—County Surv. R. Press has preparing spec. for bridge over Sonoma creek in Nordwell Ave., near Boyes Springs.

SEATTLE, Wash.—Until December 8, 10 A. M., bids will be received by the Board of Public Works to construct West Spokane St. bridge; involving the fabrication and erection of the superstructure, machinery, and electrical equipment for the big bascule bridge and two side spans over the West Waterway at West Spokane St. The structure will comprise a double-basculer bascule span approximately 283 ft. center to center of tinnous as per plans, two approach spans each about 140 ft. long and a steel girder span about 136 ft. long. The width of the bascule span will be 45 ft. center to center of trusses and of the side span 52 ft. center to center of trusses, and of the girder span about 40 ft. The bids are to be offered on several plans as follows:

Plan No. 1 calls for the furnishing of materials and erection of bridge ready to operate, at estimated cost of the work is \$140,000.

Plan No. 2 calls for the furnishing of all material delivered on the job at an estimated cost of \$270,000.

Plan No. 3 calls for the furnishing of electrical equipment only at an estimated cost of \$22,000.

Plan No. 4 calls for the work of erecting what is furnished under plans Nos. 2 and 3, at an estimated cost of \$144,000.

CALIFORNIA—Following bids received November 20 by the State Highway Commission to construct a reinforced concrete bridge, consisting of 4 30-ft. reinforced concrete girder spans with necessary bents, abutments and wing walls, over Newhall Creek at Newhall, Los Angeles county, involv. 308 cu. yds. Class A Portland cement concrete in place; 12 reinforced concrete piles in place; 44 Douglas fir piles in place; commission to furnish reinforcing steel in straight bars cut to length and Portland cement:

W. M. Ledbetter, L. A. \$3545.60
Frank H. Green, L. A. 11,111.00
The Wheeler Co., L. A. 11,495.20
Mercer-Ann Bridge Co., L. A. 11,759.38
A. H. de Waard, L. A. 13,031.60
Engineer's estimate \$9216.

SAN ANDREAS, Calaveras Co., Cal.—Supervisors petitioned to construct rein. conc. bridge over O'Neils creek on San Andreas-Calaveras-Esmeralda-Fricot city road. Taken under advisement. W. S. Coulter, county surv.

RIVERSIDE, Cal.—Until 10 a. m., Dec. 4, bids will be received by county supervisors for building a wood trestle bridge 323 ft. long over the Coachella Valley storm water channel on Jackson St., Indio, to be known as Sparey bridge. Plans may be obtained from A. C. Fulmor, co. surv., upon deposit of \$5. Cert. check \$5. D. G. Clayton, clerk.

RENO, Nevada.—City Council will accept ordinance authorizing const. of \$30,000 bridge over Truckee river at Lake St.; total cost, \$60,000; property owners will be assessed \$30,000. Harry Christen, city eng.

SANTA ROSA, Sonoma Co., Cal.—Until Dec. 13, 12 m., bids will be received by W. W. Felt, Jr., county clerk, to const. bridge over Dry Creek on Thompson ranch, involv. 48 cu. yds. class B rein. conc. 6 in. trans structural steel and castings; 23,000 F. B. M. lumber; 8 ft. W. piles. Est. cost \$5625 E. A. Feughm, county surv.

LOS ANGELES, Cal.—W. M. Ledbetter & Co., Pacific Elec. Bldg., submitted low bid to County Supervisors at \$42,300 to construct reinforced concrete girder type bridge on state highway over mouth of San Gabriel river at Alamitos bay. The bridge will consist of ten 54-ft. spans and one 22-ft. span on concrete abutments and concrete piles; 24 ft. roadway with ornamental precast concrete rail and 4 light posts. Other bids were: S. M. Kerns, \$42,600; The Wheeler Co., \$43,672; Mercereau Bridge & Constr. Co., \$45,145; Frank H. Greene, \$49,320.

Frank H. Greene, 1328 S. Western Ave., submitted low bid at \$17,700 to const. rein. conc. girder type bridge on state highway over Topanga river bridge 4 miles north of Santa Monica. The bridge will consist of four 54-ft. spans with conc. piers and abutments on wooden piles; 24-ft. roadway with ornamental precast concrete rail and light posts. Other bids were: The Wheeler Co., \$46,000; W. M. Ledbetter & Co., \$47,600; S. M. Kerns, \$48,000; Mercereau Bridge & Constr. Co., \$48,890.

YUMA, Ariz.—Southern Pacific Ry. plans construction of a \$2,000,000 bridge across the Colorado river at Yuma. The work will include rearrangement of yards at that point. The structure will be located between two buttes known as Prison Hill and Indian School hill. A rock cut will be necessary at both ends, and a viaduct and trestle on the California side spanning the state highway and the Yuma project canal. The main portion of the bridge will probably consist of a single span, 500 ft. long. Chief Engr. G. W. Beschke is in Yuma arranging for right of way and transfer of property. Plans have been prepared and construction will begin as soon as legal arrangements have been completed.

VISALIA, Tulare Co., Cal.—Nate Lovelace, Visalia, at \$4202.98 awarded contract by supervisors to construct Bridge No. 65, county, to furnish materials costing \$3319.79. Other bids: Frank C. Twaddle, Tulare, \$5600.93; Edgar Noble, Visalia, \$2428.56; C. T. Purser and Geo. H. Peterson, Woodlake \$6543.18; R. A. Carson Co., Modesto, \$3816.75; C. R. Gurdy, Porterville, \$4732.95. Engr. est. for labor \$4568.17.

C. K. Gurdy, Porterville, at \$6181.56 awarded contract under Prop. 2, without haul, for bridge No. 63, Salt Creek. Other bids: Nate Lovelace, \$7456.54; Brown and Taylor, Hammond, Calif., \$7392.72; Frank C. Twaddle, Tulare, \$9875.22. Engr. est. labor \$3199.72. Edgar Noble, Visalia, only bidder at \$4737.80 to furnish labor for Bridge No. 60, St. John "Touts", bid rejected. Engr. est. labor \$3583.34.

LOS ANGELES, Cal.—Union Machine Co., 324 Fremont St., San Francisco, submitted low bid to county supervisors at \$11,000 for two sluice gates and operating machinery for the San Dimas dam near San Dimas, and \$2650 for one sluice gate and operating machinery for Live Oak dam near La Verne. Other bids were: Llewellyn Iron Wks., \$11,248; (2) \$1150; Keystone Iron & Steel Co., (1) \$14,248 (2) \$3088.

LUPTON, Ariz.—Midland Bridge Co., Kansas City, Mo., awarded contract at \$5718 to erect steel bridge across Arroyo at station 1225 near Lupton on Holbrook—Lupton highway, involv. 225 cu. yds. excavation at \$5 yd.; 42 cu. yds. appropriate water for irrigation, concrete at \$12 yd.; 1900 lbs. reinforcing steel in place at 3c lb.; steel superstructure in place \$2100; wooden deck in place (approx. 10,000 F. B. M.) at \$750. An alternate was submitted for steel superstructure f. o. b. Lupton; (bridge to be erected by station) at \$1600.

IRRIGATION PROJECTS

SALEM, Ore.—Leon Brown and Jos. A. Lay, Baker, Ore., have filed application with State Eng. Percy Cupper to appropriate water for irrigation district to const. approx. \$14,600. Construction will consist of Big Park reservoir in channel of Beagle creek, tributary to Powder river, to store 1200 cu. ft. water; stone and earth sluice dam, ripped with stone 50-ft. high, 250 ft. long at top and 40 ft. on bottom in addition to a considerable amount of 12-in. pipe.

ROSEVILLE, Placer Co., Cal.—Petition filed with county supervisors seeking formation of Roseville Irrigation District, comprising 25,400 acres west and north of Roseville has been forwarded to State Engineer for approval. On approval election will be called to vote bonds to finance project which will cost approx. \$47,000 an acre.

CROWS LANDING, Stanislaus Co., Cal.—Chas. T. Tulloch, Newman, Calif., at approx. \$11,000 awarded contract by reclamation district recently organized by San Joaquin river farmers, to construct levees to reclaim about 1700 ac. of land. Involves removal of approx. 64,000 cu. yds. earth at approx. \$1.17 yd.

RENO, Nev.—Leon H. Taylor, Irrigation Engineer, Reno, has prepared plans for an irrigation project comprising 40,000 acres in Carson River valley for the Carson River Irrigation District. The project embraces delivery of water to 25,000 acres under partial cultivation and reclamation of 15,000 acres of barren lands. Estimated cost, \$500,000, including construction of storage reservoirs.

BUCKEYE, Ariz.—Charles Kirby Fox, Engineer, 435 I. W. Hellman Bldg., Los Angeles, has completed plans and will begin work shortly on restoring an irrigation system for the South Side Irrigation District. Bonds of \$130,000 for improving the 2000 acre district have been sold; \$25,000 will be expended on the district work which will include 8000 yds. of excavation, 100 yds. concrete motors and 24 miles electric transmission line.

MERCED, Merced Co., Cal.—Until Dec. 12, 11 a. m., bids will be received by W. D. Wagner, secretary Merced Irrigation District, for excavation of earthwork construction of North Side Canal, or either of its two divisions. Cert. check \$5 required with each bid. Spec. may be had from secretary on deposit of \$5. See call for bids under official proposal section in this issue.

Engineers and Contractors PLEASE NOTE

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SALEM, Ore.—Almond A. White, Alameda, Ore., has application with State Eng. Percy Cupper for permit to const. a reservoir for the storage of 25,000 ac. ft. of water from the South Santiam river; same applicant seeks permit to divert 300 sec. ft. of water from above reservoir to generate 1923 h. p. for running electric locomotives for logging purposes. Construct includes a timber crusher, rock fill dam, timber headgate and a ditch about one mile long; height of temporary dam 18 ft.; length at top 350 ft.; ditch at bottom 476 ft. Total cost, \$247,161.

SALEM, Ore.—Victor H. Reinbeck, 502 Spaulding Bldg., Portland, Ore., representing the Duffey Orchards Co., has filed application with State Eng. Cupper to const. Dead Horse Reservoir, storing 1,500-ac. ft. of water from Eight Mile creek, Tamarack creek and Dead Horse Canyon dam to be of earth fill, protected with rock paving, on solid rock foundation with outlet of 20-in. c. i. pipe. Surface inundated will be 60 acres. Construction to be started Dec. 1. Estimated cost, \$145,000. Applicant also filed with Reinbeck to divert 25 sec. ft. of water from above reservoir and 2 streams to irrigate 1800 acres of land, timber and rock with **wasteway**; timber headgate and a canal to be constructed.

LIGHTING SYSTEMS

PETALUMA, Sonoma Co., Cal.—H. C. Reid & Co., 115 Mission St., San Francisco, at \$4850 awarded contract by council to install electrolights in Main and Third Sts. Other bids: Cornish & Evans, \$4345; H. Weber, \$5710; Clark & Van Ples, Santa Rosa, \$6240.

BERKELEY, Alameda Co., Cal.—Until Dec. 1, R. A. m., bids will be received by E. M. Damm, city clerk, to install electric lighting system consisting of 131 electrolights, transformers & tops, complete with underground conduits in University Avenue, between Grove and 2nd Sts. and in San Pablo Ave., from south city limits to north city limits. 1911 Act. Cert. check 10% payable to city required. Spec. on file in office of clerk, C. L. Higgins, city engineer.

GLENDALE, Cal.—Until 7 p. m., Dec. 1, bids will be rec. by City Clerk Van Vleet to install ornamental lighting system on labels and other streets, involving 64 1-light Marbeite standards.

SANTA BARBARA, Cal.—County supervisor has put the matter before the board, soon in the action of lighting district for Carpinteria. Already sufficient signatures have been secured.

REDLANDS, Cal.—Until 2 p. m., Dec. 6, bids will be rec. by city trustees to const. ornamental lighting system in West State St., consisting of nine posts, with pipe wire, etc., and in Kendall St., consisting of ten posts, complete. C. P. Hook, city clerk.

BAKERSFIELD, Kern Co., Cal.—Redick Mercantile Co. requests city council to select type of electrolight to install in Chester Ave., and 15th Sts., fronting its property; the company to finance the work and the city to pay the lighting. The council is considering the installation of a modern system throughout the business and residence district, the petition was taken under advisement. W. D. Clark, city engineer.

MACHINERY

REDFLY, Fresno Co., Cal.—Until Dec. 5, 8 p. m., bids will be received by Haze Trembley, city clerk, for fuel and del. one Fordson Tractor, with suitable hitch and road grader with 6 or 7 ft. blade. Spec. will be furnished on request.

SAN JOSE, Santa Clara Co., Cal.—Austin-Western Rd. Mach. Co., 26 Fremont St., San Francisco, at \$13,000 awarded contract by city supervisors for fuel and del. one Austin Mammoth Junior Grader, Edw. R. Bacon Co., only bidder at \$1159.50; this bid not comply with specifications.

LOS ANGELES, Cal.—Crane Co., 319 E 3rd St., awarded contract by public service comm. at \$1356 for 30 tons pig lead; bid specified prompt shipment and terms not. Other bids were: Busch Pipe & Supply Co., \$1413; L. H. Howe & Metal Co., \$1365; N. O. Nelson Mfg. Co., \$4452.

LOS ANGELES, Cal.—Baker Iron Works, 922 N. Broadway, awarded contract for riveted sheet steel pipe and fittings, Invol. 9430 ft. 30-in. pipe at \$13.39 per ft.; bends at 3c per lb., additional to price for straight pipe; reducers at 3c per lb. additional; comm. delivery 6 to 8 weeks; complete in 30 days.

LOS ANGELES, Cal.—Mark-Lally Co., 2451 E 37th St. awarded contract by public service comm. for galv. wrought steel pipe, Invol. (1) 25,000 ft. 1/2-in. pipe at \$4.82 per C. ft.; (2) 10,000 ft. 1/2-in. pipe at \$5.50 per C. ft.; (3) 2000 ft. 1/2-in. pipe at \$13.75 per C. ft.; (4) 500 ft. 4-in. pipe at \$57.71 per C. ft., delivery 30 to 60 days from mill; terms net cash. Other bids were: (1) True Co., \$48.82; (2) \$16.30; (3) —; (4) \$70; immediate delivery from stock. Pacific Pipe & Supply Co., —; (1) \$6.35; (2) \$10.85; (3) \$17.50; (4) \$73.75; immediate delivery on first item, 3 weeks on 4th item.

SAN JOSE, Santa Clara Co., Cal.—Until Dec. 4, 11 a. m., bids will be received by Henry A. Hoyer, county engineer, for fur. one 8-ft. model "caterpillar" land leveller, width 8-ft., height 2-ft. 6-in., front to back 3-ft. 3-in. Material highest grade 1/4-in. pinow steel, axel diam. 2 3/16; power required (drawbar) 20 to actual h. p. Further information may be had from county clerk, J. J. Ryder, county surveyor.

TUCSON, Ariz.—American La France Fire Engine Co. awarded contract at \$12,000 to furnish two motor pumpers with hook and ladders, and one latest model aerial ladder. The Pacific Mfg. Co. was awarded contract for fire hose.

LOS ANGELES, Cal.—Mark Lally Co., 2451 E. 37th St., submitted low bid to public service commission for galvan. wrought steel pipe Invol. 20,000 ft. 1/2-in. at \$4.62 per C. ft.; (2) 10,000 ft. 3/4-in. at \$5.59 per C. ft.; (3) 5000 ft. 1-in. at \$7.95 per C. ft.; (4) 5000 ft. 1 1/2-in. at \$10.76 per C. ft.; (5) 5000 ft. 2-in. at \$12.85 per C. ft.; (6) 1000 ft. 3-in. at \$35.76 per C. ft.; (7) 500 ft. 4-in. at \$54.05 per C. ft. Shipment from Pittsburg, Mo., and Jan. 1, 1923. Other bids were: Pacific Pipe & Supply Co., (1) \$6.55; (2) \$7.65; (3) \$10.85; (4) \$17.50; (5) \$21.27; (6) \$18.75; (7) \$73.75; immediate shipment 1. o. h. Los Angeles Shoring Co., \$10.56; (2) \$5.06; (3) \$6.16; (4) \$8.76; (5) \$14.17; (6) \$19.07; (7) \$39.40; (7) \$9.40; delivery 4 to 6 weeks. L. o. h. Youngstown, O., Crane Co., (1) \$4.81; (2) \$5.87; (3) \$8.36; (4) \$13.52; (5) \$19.20; (6) \$37.63; (7) \$56.65. Thos. Haverty Co. — (1) \$4.98; (2) \$6.63; (3) \$8.24; (4) \$13.95; (5) \$18.77; (6) \$38.80; (7) \$58.55; delivery in approx. 60 days.

PORTLAND, Ore.—Until Dec. 29, 2 P. M., bids will be received by S. C. Pier, City Purchasing Agent, for construction of incinerator. Certified check for 10% payable to City required. Specifications on file in Bureau of Purchases, 208 City Hall.

SEATTLE, Wash.—Until Dec. 2, 11 a. m., under Reg. SC-4096, bids will be received by Alaskan Engineering Commission for fur. Pier, Seattle, 24 dipper teeth points, No. 13, for the Melroe No. 60 shoveler, for 2 1/2 yd. dipper. Alternative bids may also be submitted covering del. f. o. b. cars, contractor's point of shipment.

COLTON, San Bernardino Co., Cal.—City Electrician Felger recommends to city trustees purchase of three 200 h. p. transformers to replace 3 of the six 100 h. p. transformers now in use. Recommendation made due to increased number of consumers.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy has completed spec. for combined motor driven street flushing and sprinkling unit, mounted on a motor driven truck, cost \$9500. Informal bids will probably be taken for furnishing the equipment.

SEATTLE, Wash.—Until Dec. 7, 10 a. m., bids will be received by W. D. Freeman, city purchasing agent, for fur. f. o. b. Seattle 1653 metal street signs. Submit sample with bid.

FAIR OAKS, Sacramento Co., Cal.—Western Pipe & Steel Co., 414 Market St., San Francisco, at approx. \$19,215 awarded contract by Fair Oaks Irrigation District for fur. and del. riveted steel pipe, as follows: 14,000 ft. 14-in. 4300 ft. 12-in. 4200 ft. 10-in. 1190 ft. 9-in. 9100 ft. 8-in. 1000 ft. 6-in. 3800 ft. 4-in. and 4300 ft. 4-in. Stephen E. Kleffer, engineer, 57 Post St., San Francisco.

SAN FRANCISCO—City Engineering Department is completing spec. and bids will be asked in about sixty days to construct the pipe section of the Hetch Hetchy Aqueduct between Tryon and Crystal Springs. Project involves the construction of a pipe line 19 miles in length, 60-in. in dia., either riveted steel or welded and 2050 ft. of submerged pipe at headwater crossing, pumping plant to pump water to Crystal Springs Reservoir. Total cost \$5,000,000. M. M. O'Shaughnessy is city engineer and N. A. Eckart, chief assistant engineer for the Hetch Hetchy project.

RAILROADS

SANTA BARBARA COUNTY, California—Pacific Southwestern Railroad Co. authorized by Railroad Commission to sell at not less than par \$100,000 of its common capital stock and to use the proceeds for obtaining right of way and to construct the railroad of standard gauge from Lompoc, on the line of the Southern Pacific in Santa Barbara county to White Hills, a distance of four miles.

PHOENIX, Ariz.—R. E. McKee Construction Co., El Paso, Texas, awarded contract at cost \$850,000 to erect the new Union Station for the Santa Fe & Arizona Eastern Ry. Companies, has been started and construction will be supervised by E. C. Torrey and G. W. Wynann, of Los Angeles. The structure will be part 2-sto. and 1-sto.; 475 ft. long and large enough to accommodate six tracks. It will be Mission style, with pebble walls and red tile roof.

KLAMATH FALLS, Ore.—Netherton, Bruce, Eckbach Co., American Bank Bldg., Seattle, Wn., at approx. \$175,000 awarded contract to construct 12 miles of Strahorn Railroad, right of way and mainline near Hildebrand to Sprague River.

FIRE EQUIPMENT

SANGER, Fresno Co., Cal.—City trustees will call election to vote bonds of \$90,000 to finance erection of fire house and purchase of equipment.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

FRESNO, Fresno Co., Cal.—Formation of a drain sewage district comprising twenty city blocks and involving considerably more than \$1,000,000 will be sponsored by the Department of Public Works. Project will include the laying of 21-in. drain pipes in Stanislaus St. from the alley bet L and M Sts. to H St. and thence to Merced St., where it will connect with the present outfall system. The capacity of the proposed system will increase the present maximum capacity about 20 times. Wm Stranahan, city eng.

SALEM, Ore.—Metzger and Johnson, Roseburg, Ore., at \$38,334 awarded a contract by State Highway Comm. to const. Unit 2, Service Creek-Valdes Ranch section of the John Day Highway in Wheeler county, 12.1 mi. crushed gravel surfacing. Rajotte-Winters, Inc., Spokane, Wn., at \$84810 submitted low bid for Oregon City-Cannonville section of Pacific Highway in Clackamas county, 34 mi. of grading. Taken under advisement.

EL CENTRO, Cal.—Until 7:30 Dec. 13, separate bids will be received by city trustees for the following improvement work:

Res. of Inten. No. 230, Orange, 3rd Commercial and 4th Sts., involve 154,700 sq. ft. 2-in. asphalt, conc. wearing surface on 5-in. conc. base; 112,500 sq. ft. 5-in. conc. gutter, 1300 ft. curb, 3500 sq. ft. 5-in. conc. gutter, 105 3/4-in., 13 1-in., and five 4-in. water service connections, 101 ft. 4-in. and 500 ft. 6-in. cast iron water main, four 5-in. culverts, 2 catchbasins.

Res. of Inten. No. 241, 6th, 6th, El Centro and Euclid Sts., involve 125,600 sq. ft. 5-in. asphalt, conc. 5100 ft. curb, 2 3/4-in. gutter, 1500 ft. 5-in. water service connections, 50 ft. 4-in. and 542 ft. 10-in. water mains, eight 6-in. Keystone fire hydrants.

Res. of Inten. No. 242, Olive and Beale Sts., involve 169,300 sq. ft. 5-in. asphalt, conc. 9100 ft. curb, 141 3/4-in. water service connections.

Res. of Inten. No. 244, Holt, Holt, Hamilton, Vine, Weinstock and 1st Sts., involve 285,000 sq. ft. 5-in. asphalt, conc. 10,900 ft. curb, 277 3/4-in. water service connections, 636 ft. 4-in. cast iron water mains, 8 type 600 Mariette lighting standards.

Res. of Inten. No. 245, Lenox Ave., involving 22,600 sq. ft. 5-in. asphalt, conc. 2200 ft. curb, 24 3/4-in. water service connections, 623 ft. 4-in. cast iron water service connections, 4350 sq. ft. walk.

Total quantities involved are: 154,700 sq. ft. 2-in. asphalt, conc. wearing surface on 5-in. conc. base, 731,600 sq. ft. 5-in. asphalt, conc. 25,600 ft. curb, 3500 sq. ft. 5-in. gutter, 598 3/4-in., 276 1-in., seven 4-in. water service connections, 1978 ft. 4-in., 670 ft. 6-in. and 5452 ft. 10-in. cast iron water mains, 4550 sq. ft. culverts, 8 lighting standards, four 5-in. culverts, and 2 catch basins.

Plans and spec. are on file at the office of City Engr. F. C. Dyer, from whom information, etc. may be obtained.

LOS ANGELES, Cal.—City Attorney instructed by city council to prepare ordinance for sewer pumping plant to be installed in and serve the Angeles Mesa district.

POMONA, Cal.—Allen P. Nichols, 247 Investment Bldg., Third and Thomas Sts., owner of 125 acres in the San Jose Hills west of Ganesha Park, will subdivide the property and is having plans prepared for improvements. The 125-acre tract is divided into 80 building lots. Roads will be graded 20 ft. with 3-ft. gutters, with water pipes. A reservoir and pumping plant will be constructed. It is planned to care for sewerage by modern septic tanks and a pipe sewer system.

OAKLAND, Cal.—City Council, E. K. Sturges, clerk, declares intention to improve E-27th St. from Peralta Ave. northerly; grading, const. conc. curbs, gutters and walks, paving with oil macadam, 1911 Act. Protests Dec. 14. W. Harmon, city engineer.

SAN DIEGO, Cal.—City Engr. F. A. Rhodes completes spec. to improve following streets:

Laurel, Curlew, Union, Brant, Kalmia and Horton Aves., involve 231,183 sq. ft. 2-in. asphalt, conc. base and 1 1/2 in. asphalt, conc. wearing surface; 2852 sq. ft. curb; 21892 sq. ft. of asphalt surfacing for gutters; 164 1/2 ft. 15-in. corr. iron culvert and 60 2 1/2 ft. 12-in. corr. iron culvert; eleven 4-in. and three 6-in. cem. pipe sewer laterals; 2 conc. in-takes.

Eighteenth St. bet. C St. and Balboa Park, involve 48,014 sq. ft. 3-in. bit. base and 1 1/2-in. asphalt, conc. wearing surface; two 4-in. and two 6-in. cem. pipe sewer laterals.

Elgin St. bet. Imperial Ave. and N. St., involve 11,659.7 sq. ft. 5-in. cem. conc. base, 1-in. binder course and 2-in. asphalt, conc. wearing surface, 108 5/8 ft. curb; 833 lin. ft. of 12-in. inside diameter 10-in. corr. iron culvert; 2 cleanouts to be raised; 1 steel grate for catchbasin, 3 ft. 4 in. by 4 ft. 6 in.

City Engr. has prepared plans for a station on Olmsted & Lowe's addition, involve 125 lin. ft. trench under 4 ft. in depth; 90 lin. ft. trench bet. 4 ft. and 6 ft.; 231 lin. ft. 24-in. D S Conc. pipe.

SACRAMENTO, Cal.—Until Dec. 1, 9 P. M. bids will be received by H. G. Denton, City Clerk, to improve following streets:

43rd bet. J to alley first south of I street; concrete curbs and gutters; cast iron gutter drains with 6-in. vitrified sewer connections; reconstruct manhole; paving with 5 1/2-in. asphalt concrete. 1915 Band Act.

Alley bet. U, 8th and 9th streets; concrete wall and catchbasin; reconstruct curbs and covers with 6-in. vitrified sewer connections; reconstruct manhole; grading and paving with 5-in. hyd. concrete.

Alley bet. J to 26th and 27th streets; concrete catchbasins with cast iron curbs and covers; 6-in. vitrified sewer connections; reconstruct manhole; grading and paving with 5-in. hyd. concrete. Albert Givan, City Engineer.

SACRAMENTO, Cal.—City Council, H. G. Denton, Clerk, declares intention to improve alley bet. K, L 4th and 5th streets; construct 10-in. vitrified sewer with 6-in. vitrified sewer branches; extend 6-in. sewer services from wye to property line; construct concrete manhole; reconstruct catchbasin; remove old manhole and existing brick sewer; grading and paving with 7-in. hyd. concrete. 1911 Act. Protests Dec. 7.

Intention declared to improve alley between J, K 17th and 18th streets; construct concrete curb, walk and catchbasin; 6-in. vitrified sewer connections; grading and paving with 5-in. hyd. concrete. 1011 Act. Protests Dec. 7. Albert Givan, City Engineer.

GLENDALE, Cal.—W. J. Curran, 379 W. Patterson St., Glendale, awarded contract by council at \$7951.55 for paving Myrtle St., involve 1551 lin. ft. grading at 65c ft.; 47,720 sq. ft. 3-in. sewer paving and 8 lighting standards. Fairview and Pioneer Dr., involve 1190 lin. ft. grading at 50c ft.; 35,700 sq. ft. 2-in. macad. paving at 10c ft.; 1224 lin. pipe at \$1.50 ft.

SEATTLE, Wash.—Hauge and Espeland, 1813 No. 50th St., Seattle, at \$96,183 submits low bid to Board of Public Works to construct trestle and pave Railroad Ave.

PASADENA, Cal.—Tracy O'Keefe, 58 S. Fair Oaks Ave., Pasadena, awarded contract for paving Vernon Ave., bet. Colorado and Walnut streets, at 8.75 sq. ft. 2-in. oil macadam paving, 65c lin. ft. paving 50c ft. curb and 26c sq. ft. gutter.

COLFAX, Placer Co., Cal.—City Trustees will call election to vote bonds of \$15,000 to pave with 18 ft. strip city streets to connect with the Auburn to Colfax state highway.

CALIFORNIA—Until December 18, 2 P. M. bids will be received by the State Highway Commission, Forum Bldg., Sacramento, to construct following units:

Yuba county, bet. Morrison's crossing and 1 mile south of Marysville, 8.2 mi. in length, paved with asphalt macadam.

Nevada county, bet. Nevada City and Little Deer Creek, 11.8 miles in length, to be graded.

Contra Costa county, bet. Hercules and Wood, 1.8 miles in length, graded and paved with Portland cement conc.

San Benito and Santa Clara counties, bet. Hollister and Pacheco Pass Road, 8.3 miles in length, graded and paved with asphalt macadam.

Madera county, bet. west boundary and Califa, 14.2 miles in length, graded and paved with asphalt macadam.

Ventura county, bet. Pt. 2 miles southeast from Hueneeme Road and Ridge Ranch, 7.4 miles in length, to be graded.

A. B. Fletcher, State Highway Engineer, see call for bids under official proposal section in this issue.

OAKLAND, Alameda Co., Cal.—A. A. Tieslau, 2811 Grove street, Oakland, at \$250 awarded contract by the Board of Education to construct subway at Dewey School.

COLTON, San Bernardino Co., Cal.—City Trustees will pave streets with asphaltic concrete, the proposal to pave with 6-in. conc. having been abandoned. Will be 5-in. thick tapering to 4-in. at sides.

LOS ANGELES, Cal.—Geo. R. Curtis, 2410 E. 26th St., submitted low bid to board of public works to pave Workman St. bet. Manito Ave. and Mission Rd., involve 12,937 sq. ft. grading at 3c ft.; 120 sq. ft. asphalt paving at 20c ft.; 734 sq. ft. conc. paving at 25c ft. curb at 60c ft.; 12,937 sq. ft. bitum. base paving at 18c ft.; 8763 sq. ft. walk at 20c ft.; 7218 sq. ft. gutter at 25c ft.; 90 ft. house with 3-in. curbs; 1 rel. conc. culverts compl. \$3500; sanitary sewer manhole \$125.

SAN FRANCISCO—Following contracts awarded by Board of Public Works for street and sewer improvements:

Municipal Construction Co., at \$13,775 to improve Trumbull St. bet. Mission and Congdon, involve 2000 cu. yds. fill; 2008 cu. yds. cut; 1733 lin. ft. conc. curb; 712 sq. ft. art. stone walks; 27,085 sq. ft. asphalt, conc. pavement; 7 hr. catchbasins; 182 lin. ft. 10-in. culverts.

Pacific States Const. Co., at \$11,940 awarded contract to improve 37th Ave. bet. Geary and Anza, involve 1200 lin. ft. conc. curb; 100 sq. ft. 10-in. culverts; 15,600 sq. ft. asphalt, conc. pavement; 8225 sq. ft. art. stone walks.

Pay Imp. Co., at \$5795 awarded contract to improve Ware St. bet. Sacramento and Paul Ave., involve \$26 cu. yds. cut; 650 cu. yds. fill; 804 lin. ft. conc. curb; 12,664 sq. ft. asphalt, conc. pavement.

C. E. Eaton at \$970 awarded contract to improve Flood Ave. bet. Detroit and Congo, involve 550 cu. yds. cut; 330 cu. yds. fill; 1200 lin. ft. conc. curb; 18,000 sq. ft. asphalt, conc. pavement.

Manuel Smith at \$1369 awarded contract to sewer 15th Ave., bet. Klidah and Kirkham, involve 3000 sq. ft. 2-in. and 250 lin. ft. 8-in. sewer; 2 br. manholes; 24 12-in. and 24 8-in. wye branches; 7 6-in. side sewers.

Julian A. Dueray at \$1297 awarded contract to construct concrete curb and stone walks in Ocean Ave. bet. Harold and Ashton Aves.

SAN FRANCISCO—Following bids received by Board of Public Works for street and sewer improvements:

Raisch Imp. Co., 46 Kearny St., \$13,731 low bidder to improve Yosemite Ave. bet. Menand and 18th Sts., involve 1700 cu. yds. cut; 1336 lin. ft. conc. curb; 554 sq. ft. art. stone walks; 3 br. catchbasins; 75 lin. ft. 10-in. culverts; 35,224 sq. ft. asphalt, conc. pavement. Pay Imp. Co., at \$14,861; Jas. M. Smith, \$15,680.

Raisch Imp. Co., at \$5590, low bidder to improve Anderson St., from Crescent Ave. 375 ft. southerly; 64 yds. cut; 764 lin. ft. conc. curb; 655 cu. yds. fill; 26 lin. ft. conc. copings; 5565 sq. ft. asphalt, conc. pavement; 1 br. catchbasin; 10 lin. ft. 10-in. culverts; 5060 sq. ft. art. stone walks. Pay Imp. Co. bid \$5580; Jas. M. Smith, \$5680.

Jas. M. Smith, 407 11th St., at \$1440 low bidder to sewer 46th Ave., between Kirkham and Lawton. Other bids: Pay Imp. Co., \$1527; Jas. T. Tobin, \$1651; Schultz Const. Co., \$2403. Project involves 620 lin. ft. 8-in. sewer; 44 8-in. wye branches; 2 br. manholes.

Hugh McGuffin low bidder at \$487 to sewer Flora St., from Bay View Ave. 200 ft. south, involve 180 lin. ft. 8-in. sewer; 8 8-in. wye branches; 1 br. manhole. Other bids: Pay Imp. Co., \$485; Jas. T. Tobin, \$559; Jas. M. Smith \$668; Schultz Const. Co. \$559.

John Brady, at \$505, low bidder to sewer Folson St., from Crescent Ave. 150 ft. south, involve 150 lin. ft. 8-in. sewer; 14 8-in. wye branches; 1 br. manhole. Other bids: Jas. T. Tobin \$758; Jas. M. Smith \$834; Schultz Const. Co. \$838.

ALHAMBRA, Cal.—Cox & Teget, 407 S. Marguerita St., Alhambra, awarded contract at \$27,442 to install sewers in S. Sewer District, from Front Ave. to 1 1/2 mi. north of Alhambra road and west of Garfield St. The work includes 8-in. vlt. pipe sewers, manholes, junction chambers and flush tanks.

MADERA, Madera Co., Cal.—City Trustees grant petitions to pave 6th St., from alley bet. E and G Sts., to Vineyard Ave., from Ave. 2345 to E and D St., from 6th St. to the canal, frontage 702 ft. Plans ordered to pave extension of Yosemite Ave. A. M. Acton, eng., Madera, employed as city eng. to prepare plans.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

1085	Potter	Mangels	5000
1086	Sullivan	Owner	55000
1087	Wilson	Gough	2500
1088	Morris	Owner	8000
1089	Johnson	Owner	25000
1090	Brown	Owner	2000
1091	Dunne	McCormick	9000
1092	De Martini	Owner	7000
1093	Speigelman	Abrahams	5000
1094	Moneta	Arnott	18361
1095	Davis	Mattock	11446
1096	Spring Valley	Owner	15000
1097	Talbot	Owner	70000
1098	Buck	Mager	3700
1099	Gillig	Schultz	12500
1100	Lamoine	Arras	1200
1101	Hall	Owner	3000
1102	Anderson	Stockholm	10000
1103	Hall	Owner	6000
1104	Neville	Owner	7200
1105	MacDonald	Owner	10000
1106	Daly	Gillogley	10150
1107	Myers	Britt	16000
1108	Bothin	Arras	10000
1109	Arras	Koenig	2500
1110	Braun	Roemer	2600
1111	Abmie	Owner	2800
1112	Berba	Allen	6000
1113	Watson	Crouse	2400
1114	Petersen	Owner	3500
1115	Essey	Vucicevich	12353
1116	Wellman	Kirsten	1805
1117	Beck	Zelinsky	3190
1118	O'Brien	Finnagan	9400
1119	Luther	Olson	12765
1120	Cately	Arnold	1850
1121	Shanghai	Brumfield	1900
1122	Leadin	Wander	12600
1123	Liedrick	Spelt	4000
1124	Porter	Clinton	75000
1125	Fund	Barrett	4500
1126	Tiscornia	Owner	6000
1127	McDonald	McDonald	6000
1128	Gonzales	Linberg	15150
1129	De Boom	Furlong	10000
1130	Gianini	Owner	1800
1131	Boesto	Rixen	4600
1132	Anderson	Owner	2000
1133	Myssell	Owner	8000
1134	Stevens	Owner	10000
1135	Weinberg	Owner	9000
1136	Morioni	Moller	20500
1137	Gueraglia	De Martini	9500
1138	Parkside	Owner	5000
1139	Arnott	Arnott	3800
1140	Hess	Hul	15000
1141	Firpo	Perino	12500
1142	Biniarz	Wesendunk	13325
1143	Hund	Barrett	5920
1144	Irton	Wilson	16156
1145	Oyen	Owner	6000
1146	Heyman	Owner	12000
1147	Levin	Owner	17000
1148	Carlson	Arras	9000
1149	Samuel	Owner	4500
1150	Foley	Owner	2000
1151	Feerick	Owner	8000
1152	Barrett	Barrett	8500
1153	Costello	Owner	21000
1154	Morris	Owner	5000
1155	Nelson	Owner	3500
1156	Miller	Carusle	2500
1157	Nelson	Owner	4000
1158	Neiman	Owner	8000
1159	Murphy	Stockholm	1500
1160	Hanson	McIntosh	13330

ALTERATIONS

(4085) NO. 140 CALIFORNIA. Enlarge sidewalk door; magnesite floor in dining room, etc.

Owner—G. F. Potter, 125 California St., San Francisco

Architect—None.

Contractor—Mangels Bros., 4792 Mission St., San Francisco. \$5000

RESTAURANT

(4086) N. ELLIS 181-101 W. Powell. Two-story and basement concrete restaurant.

Owner—Walter H. Sullivan, Alexander Bldg., San Francisco.

Architect—Leo J. Devlin, 821 Market St., San Francisco. \$55,000

ALTERATIONS

(4087) NO. 325 GEARY. Remodel front; rearrange balcony, etc., for candy store.

Owner—Ernest Wilson Co., Palo Alto.

Architect—A. S. Heineman, 625 Geary St., San Francisco.

Contractor—A. S. Gough, 623 Minna St., San Francisco. \$2500

DWELLINGS

(4088) W. HAZELWOOD 75 AND 155 S. Monterey. Two one-story and basement frame dwellings.

Owner—G. W. Morris, 152 Judson Ave., San Francisco.

Architect—Ida F. McCain, 318 Kearny St., San Francisco. \$4000 each

APARTMENTS

(4089) NW SEVENTH AVE AND Judah. Three-story and basement frame (12) apartments.

Owner—Ernest Johnson, 581 Belvedere St., San Francisco.

Architect—None. \$25,000

ALTERATIONS

(4090) NO. 2936 SCOTT. Re-arrange stairs; hardwood floors for residence.

Owner—W. P. Brown, 2936 Scott St., San Francisco.

Architect—Archie Newsom, Wells Fargo Bank Bldg., S. F. \$2000

FLATS

(4091) N. BALBOA 82-6 W. Twenty-first Ave. Two-story and basement frame (2) flats.

Owner—Patrick Dunne, 674 9th Ave., San Francisco.

Architect—None.

Contractor—Thos. McCormick, 37 Hill St., San Francisco. \$9000

FLATS

(4092) N. LOHARD 68 W. Powell. Three-story and basement frame (2) flats.

Owner—D. De Martini, 946 Broadway, San Francisco.

Architect—P. F. De Martini, 946 Broadway, San Francisco. \$7000

RESIDENCE

(4093) NE URBANO DRIVE AND DE Soto. One-story and basement frame residence.

Owner—Louis Speigelman, 1636 Bryant St., San Francisco.

Architect—S. Helman, 57 Post St., San Francisco.

Contractor—H. Abrahams, 134 Hale St., San Francisco. \$5000

RESIDENCES

(4094) N. FLOOD AVE 160 W. Foerster W. 208N 112-6 all Lot 41 and Ptn Lot 38 Blk 12, Sunnyside; N Flood Ave 130 W. Foerster W. 208N 112-6 Ptn Lots 37 and 38 Blk 12, Sunnyside; N Flood Ave 160 W. Foerster

W. 31XN 112-6 Ptn Lots 34 and 37 Blk 12, Sunnyside; N Flood Ave 191 W. Foerster W. 31XN 112-6 Ptn Lots 33 and 34 Blk 12, Sunnyside; N Flood Ave 222 W. Foerster W. 31XN 112-6 Ptn Lots 32, 30 and 29 Blk 12, Sunnyside; N Flood Ave 253 W. Foerster W. 31XN 112-6 Ptn Lots 26 and 29 Blk 12, Sunnyside; N Flood Ave 284 W. Foerster W. 31XN 112-6 Ptn Lots 25 and 26 Blk 12, Sunnyside; N Flood Ave 315 W. Foerster W. 31XN 112-6 Ptn Lots 22 and 25 Blk 12, Sunnyside; N Flood Ave 346 W. Foerster W. 31 N 112-6 Ptn Lots 18 and 21 and 22 Blk 12, Sunnyside; N Flood Ave 377 W. Foerster W. 31XN 112-6 Ptn Lots 17 and 18 Blk 12, Sunnyside; N Flood Ave 408 W. Foerster W. 31XN 112-6 Ptn Lots 14 and 17 Blk 12, Sunnyside; N Flood Ave 439 W. Foerster W. 31XN 112-6 Ptn Lots 13 and 14 Blk 12, Sunnyside; N Flood Ave 470 W. Foerster W. 208N 112-6 Lot 10 and Ptn Lot 13 Blk 12, Sunnyside. All work except Painting, finish hardware, light fixtures and shades for 13 one-story and basement residences.

Owner—Moneta Investment Co., 233 Pacific Bldg., San Francisco.

Architect—None.

Contractor—James A. Arnott & Son, 225 Granville Way, San Francisco.

Filed Nov. 17, '22. Dated Nov. 10, '22.

Frames up \$11,491

Brown coated 11,241

Completed and accepted 11,241

Usual 35 days 14,988

TOTAL COST, \$48,961

Bond, none. Limit, 150 days. Forfeit, \$10. Plans and specifications filed.

ALTERATIONS

(4095) NE FIRST 275 SE Market SE 91-8XNE 137-6. All work except plumbing, wiring, heating, painting, sprinkler, light fixtures and shades for alterations to basement and 1st floor of Class C building.

Owner, Norris K. Davis and Mercantile Trust Co., Tr. Est. Horace Davis, dec'd., 400 7th St., S. F.

Architect—None.

Contractor—A. F. Mattock and A. H. Feasey, 251 Kearny St., S. F.

Filed Nov. 17, '22. Dated Nov. 10, '22.

Ready for plaster \$2500

Plastering completed 3000

Completed and accepted 3034

Usual 35 days 2862

TOTAL COST, \$11,446

Bond, \$5723. Sureties, Louis Feagar & Clemena B. Feasey. Limit, 65 days.

Forfeit, \$20. Plans and specifications filed.

OFFICE BLDG.

(4096) NW DERBY AND MASON STS. Seven-story and basement reinforced concrete office building.

Owner—Spring Valley Water Co., 375 Sutter St., San Francisco.

Architect—Willis Polk & Co., Hobart Bldg., San Francisco.

Not Determined \$150,000

OFFICE, ETC.

(4097) NE EIGHTH AND NATOMA. Two-story and part basement reinforced concrete warehouse, showrooms and offices.

Owner—Talbot Investment Co., % Engineers.

Architect & Engineers—J. E. Krafft & Sons, Phelan Bldg., S. F. \$70,000

STORES
(4098) S GEARY 106-S E Twenty-third Ave. One-story frame stores.
Owner—J. N. Buck, 1939 Oak St., San Francisco.
Architect—None.
Contractor—Mager Bros., 1318 Valencia St., San Francisco. \$3700

STORES
(4099) S IRVING 82-6 W Tenth Ave. One-story concrete stores.
Owner—Leo Gillig, 1298 Post St., San Francisco.
Plans by Owner.
Contractor—Schultz Constr. Co., 46 Kearny St., San Francisco \$12,500

GARAGE
(4100) NO. 2510 OCTAVIA. Erect concrete private garage.
Owner—F. Lamoine, 3432 25th St., S. F. Architect—None.
Contractor—Adam Arras Co., 185 Stevenson St., San Francisco. \$1200

RESIDENCE
(4101) E MERCED AVE 185 N Hernandez. One-story and basement frame residence.
Owner—C. A. Hall, 1301 4th Ave., San Francisco.
Architect—None. \$3000

RESIDENCE
(4102) E SETELLE 344 N Lopez. Two story and basement frame residence.
Owner—G. P. Andersen, 109 Montgomery St., San Francisco.
Architect—Houghton Sawyer, Hearst Bldg., San Francisco.
Contractor—Chas. Stockholm & Sons, 849 Monadnock Bldg., S. F. \$10,000

DWELLINGS
(4103) W SAN BENITO 162 and 202 S Monterey Blvd. Two one-story and basement frame dwellings.
Owner—C. A. Hall, 1301 4th Ave., S. F. Architect—None. \$3000 each

DWELLINGS
(4104) E VIENNA 25 & 50 S France. Two one-story and basement frame dwellings.
Owner—Joseph Novello, 172 Bertita Ave., San Francisco.
Architect—None. \$3600 each

RESIDENCE
(4105) E WALNUT 87 S Washington. Two-story frame residence.
Owner—MacDonald & Kahn, 130 Montgomery St., San Francisco.
Architect—Samuel Lightner Hyman, 424 Foxcroft Bldg., San Francisco. \$10,000

FRAME FLATS
(4106) E TWENTIETH AVE 270 S Irving. All work for two-story frame (2) flats.
Owner—John F. and Ellen M. Daly, 1322 20th Ave., S. F.
Architect—None.
Contractor—J. W. Gillogley, 745 San Jose Ave., San Francisco.
Filed Nov. 18, '22. Dated Nov. 14, '22.
Rough frame up.....\$1903
Brown coated.....1903
Outside carpenter work completed.....1903
Completed.....1903
Usual 35 days.....2538
TOTAL COST, \$10,150
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

LOFT BLDG.
(4107) N BRYANT 55 W Second. Two story concrete loft building.
Owner—L. A. Myers, 68 Post St., San Francisco.
Architect—Samuel Lightner Hyman, 68 Post St., San Francisco.
Contractor—O. W. Britt, 180 Jessie St., San Francisco. \$16,000

WAREHOUSE
(4108) N CLEMENTINA 177-6 E Sixth One-story reinforced concrete warehouse.
Owner—Bothin Real Est. Co., 26 Montgomery St., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Adam Arras Co., 180 Jessie St., San Francisco. \$10,600

ALTERATIONS, ETC.
(4109) NO. 2476 HOWARD (rear). Cement plaster front of dwelling; other minor repairs and one-story private garage.
Owner—Adam Arras, 65 Hoff Ave., San Francisco.
Architect—None.
Contractor—Chas. J. U. Koernig, 520 Church St., S. F. \$2500

ALTERATIONS
(4110) NO. 2219 PINE. Alter for (2) flats.
Owner—G. Braun, Premises.
Architect—None.
Contractor—Fred A. Roemer, 318 Fair Oaks St., San Francisco. \$2600

DWELLING
(4111) W TWENTIETH AVE 300 S Lawton. One-story and basement frame dwelling.
Owner—Oliver S. Almie, 135-A Wood St., San Francisco.
Architect—None. \$2800

STORES
(4112) W CASTRO 149 N Nineteenth. One-story frame (3) stores.
Owner—Miss B. C. Berba, % Architect. Architects—Earle P. Bertz, 168 Sutter St., San Francisco.
Contractor—Albert & Co., 168 Sutter St., San Francisco. \$6000

STORES
(4113) N GEARY 76-4 E Eighth Ave. One-story frame stores.
Owner—P. Watson, 1320 Geary St., San Francisco.
Architect—E. J. Osborne, Bolboa Bldg., San Francisco.
Contractor—H. L. Crouse, 4324 Geary St., San Francisco. \$2400

DWELLING
(4114) W THIRTY-SECOND AVE 150 N Taraval. One-story and basement frame dwelling.
Owner—W. C. Petersen, 1570A Eddy St., San Francisco.
Architect—None. \$3500

CARPENTER WORK, ETC.
(4115) N BUSH 135-6 W Mason W 30x N 137-6. Carpenter work and installation of mill work for two-story steel frame and brick building.
Owner—Bertha Basye, 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—Vukicevich & Bagge, 180 Jessie St., San Francisco.
Filed Nov. 20, '22. Dated Nov. 16, '22.
Ready for lathing.....\$3088
Standing finish on.....3088
Completed and accepted.....3088
Usual 35 days.....3089
TOTAL COST, \$12,353
Bond, \$6177. Sureties, J. H. McCallum and H. W. Gaeftel, Limit, as fast as required. Forfeit, \$20. Plans and specifications filed.

ELECTRIC WORK
(4116) NW JACKSON AND EMPARADERO. All work for electric power and lighting work for six-story and basement building.
Owner—Wellman Peck & Co., 311 Embarcadero, San Francisco.
Architect—J. E. Kraft & Sons, Phelan Bldg., San Francisco.
Contractor—W. H. Kirsten, 55 McAllister St., San Francisco.
Filed Nov. 20, '22. Dated Nov. 15, '22.

Conduit work for lighting and power wires installed.....\$800
Completed and accepted.....550
36 days after.....455
TOTAL COST, \$1805
Bond, \$905. Surety, Maryland Casualty Co. Limit, Dec. 16, 1922. Forfeit, \$5. Plans and specifications filed.

PAINTING, ETC.
(4117) E POWELL 68-6 N Bush N 69x E 67-6. All work for six-story and basement Class C apartment bldg.
Owner—Edward Beck, 281 Lee Ave., San Francisco.
Architect—M. V. Politeo, 181 National Bank Bldg., San Francisco.
Contractor—D. Zellinsky & Sons, 420 Turk St., San Francisco.
Filed Nov. 20, '22. Dated Nov. 14, '22.
On 1st and 15th of each month 75%
Usual 35 days.....25%
TOTAL COST, \$3190
Bond, \$1595. Surety, New Amsterdam Casualty Co. Limit, 50 days. Forfeit, \$25. Plans and specifications filed.

FRAME FLATS
(4118) E NOE 100 S Elizabeth E 125 xS 25. All work for two-story frame flats.
Owner—Mrs. Julia O'Brien.
Architect—None.
Contractor—J. Pinnagan, 3344 Army St., and D. Mahoney.
Filed Nov. 20, '22. Dated Oct. 30, '22.
Frame up.....\$1950
Brown coated.....1700
Standing finish on.....1700
Completed and accepted.....1700
Usual 35 days.....2350
TOTAL COST, \$9400
Bond, \$4700. Sureties, Susan Flanagan and Michael Mahoney. Limit, 90 days after Nov. 1, 1922. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(4119) S CLEMENT 82-6 W Ninth Ave. W 52-6xS 100. All work for alterations and additions to two two-story frame buildings.
Owner—Mrs. Bertha Luther, San Jose.
Architect—Philip Schwerdt, 2920 Jackson St., San Francisco.
Contractor—C. Olson, 570 Guerrero St., San Francisco.
Filed Nov. 20, '22. Dated Nov. 15, '22.
Houses raised and framing walls of 1st story built.....\$3200
Buildings enclosed and brown coated.....2200
Upper floors and glazing done 2200
Ready for painting.....2200
Completed and accepted.....765
Usual 35 days.....3200
TOTAL COST, \$12,765
Bond, \$6400. Sureties, John Nelson & Mary Olson. Limit, 100 days. Forfeit, \$10. Plans and specifications filed.

ALTERATIONS
(4120) NO. 4084 EIGHTEENTH ST. Extend basement to sidewalk line; new store front.
Owner—Miss Gately, Premises.
Architect—None.
Contractor—Arnold & Mabey, 230 5th St., San Francisco. \$1850

MARQUISE
(4121) NO. 453 GRANT AVE. Construct and install marquee.
Owner—New Shanghai Cafe, Premises.
Architect—None.
Contractor, Brumfield Elec. Sign Co., 18 7th St., San Francisco. \$1900

FRAME FLATS
(4122) S HILL 85 W Valencia. Two-story and basement frame (4) flats.
Owner—J. Landini, 271 Fair Oaks St., San Francisco.
Architect—None.
Contractor—E. Wiander, 41 Coleridge St., San Francisco. \$12,000

FRAME FLATS
(4123) S STATE 666 W Castro. Two-story and basement frame (2) flats.
Owner—William Heidrick, 932A Sacramento St., San Francisco.

Architect—None.
Contractor—A. W. Spelt, 539 Day St.,
San Francisco. \$1750

WAREHOUSE

(4124) W SECOND 261-3 S Brannan.
Five-story concrete warehouse.
Owner—J. Sheldon Potter, 315 Mont-
gomery St., San Francisco.

Architect—H. C. Baumann, 251 Kearny
St., San Francisco.
Contractor—Clinton Constr. Co., 923
Polson St., San Francisco. \$75,000.

SHOP

(4125) S TEHAMA 412-6 W Third.
One-story concrete shop.
Owner—Mrs. Carrie Hund.

Architect—H. C. Baumann, 251 Kear-
ny St., San Francisco.
Contractor—Barrett & Hilp, 918 Har-
rison St., San Francisco. \$4000.

DWELLINGS

(4126) N ANZA 95 and 120 W 34th
Ave. Two one-story and basement
frame dwellings.

Owner—Dominic Tiscornia, 75 Meda
Ave., San Francisco.
Architect—None. \$3000 each

FRAME FLATS

(4127) E TWENTY-SECOND AVE 176
S Balboa. Two-story and basement
frame (2) flats.

Owner—N. McDonald, 1215 Castro St.,
San Francisco.
Architect—None.
Contractor—R. M. McDonald, 1049 Treat
Ave., San Francisco. \$6000

RESIDENCE

(4128) SE TWENTY-FIFTH AND
Church E 25-11X8 114. All work
for two-story frame store and resi-
dence

Owner—J. Gonzales.
Architect—Evans & Co., Pacific Bldg.,
San Francisco.

Contractor—C. Lumber, 267 Surrey St.,
San Francisco.

Filed Nov. 21, '22. Dated Nov. 13, '22.
Roof on \$3862.50

Brown coated 3862.50
Completed and accepted 3862.50
Usual 35 days 3862.50

TOTAL COST \$15,450.00
Bond, \$7725. Sureties, Gus Lindberg &
Frederick W. Matthar. Limit, 75 days.

Forfeit, \$10. Plans and specifications
filed.

BUILDING

(4129) S COMMERCIAL ST. bet. Mont-
gomery and Kearny. All work ex-
cept elevator work for building.

Owner—Wm. J. De Boon, 561 Clay St.,
San Francisco.

Architect—H. A. Minton, Monadnock
Bldg., San Francisco.

Contractor—James Furlong, Monad-
nock Bldg., San Francisco.

Filed Nov. 21, '22. Dated Nov. 15, '22.
All terms for concrete work in
place up to 2nd floor and con-
crete up to 1st floor \$4000

Concrete completed and roof
covering installed 4000
Completed and accepted 4000
Usual 35 days 4000

TOTAL COST not to exceed \$16,000
Bond, none. Limit, Mar. 31, 1923. For-
feit, none. Plans and specifications
filed.

GARAGE

(4130) S BIRCH 30 W Buchanan.
One-story frame private garage.

Owner—Peter Giamini, 1115 Fillmore
St., San Francisco.

Architect—P. L. Schwerdt, 2920 Jack-
son St., San Francisco. \$1800

DWELLING

(4131) E CHARTER OAK AVE 150 S
Silver. One-story and basement
frame dwelling.

Owner—J. Boesto, 415 Charter Oak
Ave., San Francisco.
Architect—Milton W. Morrison, 716 41st
Ave., San Francisco.

Contractor—James B. Rixon, 51 Gam-
bessa St., Daly City. \$4000

DWELLINGS

(4132) N CHENERY 63, 88, 113, 138,
163 and 188 W Roanoke. Six one-
story and basement frame dwlg.

Owner—K. Anderson, 133 Bertita St.,
San Francisco.

Architect—None. \$2000

STORE & FLATS

(4133) N GEARY 25 E Fifth Ave.
Two-story and basement frame
store and (2) flats.

Owner—Wm. C. Myself, % Architect.
Architect—Edward E. Young, 251
Kearny St., S. F. \$8000

APARTMENTS

(4134) N CALIFORNIA 107-6 W 27th
Ave. Two-story and basement
frame (4) apartments.

Owner—Arthur B. Stevens, 4026 Fulton
St., San Francisco.

Architect—None. \$10,000

FRAME FLATS

(4135) N FULTON 52-6 W Fourteenth
Ave. Two-story and basement
frame (2) flats.

Owner—S. C. Weinberg, % Architect.
Architect—O'Brien Bros., Inc., 240
Montgomery St., S. F. \$9000

APARTMENTS

(4136) E POWELL 77-6 N Jackson.
Three-story and basement rein-
forced concrete (6) apartments.

Owner—Mr. Morioni.
Architect—A. Fabre, 110 Sutter St.,
San Francisco.

Contractor—Fred Moller, 180 Jessie St.,
San Francisco. \$20,500

FRAME FLATS

(4137) W SCOTT 75 N Greenwich. Two
story and basement frame (2) flats

Owner—G. B. Gueraglia, 2529 Green-
wich St., San Francisco.

Architect—None.
Contractor—Paul De Martini, 2869 Oc-
tavia St., San Francisco. \$9500

DWELLING

(4138) SW THIRTY-SECOND AVE &
Taraval. One-story and basement
frame dwelling.

Owner—Parkside Bldg Co., 617 Crock-
er Bldg., San Francisco.

Architect—Chas. F. Strothoff, 2274 15th
St. San Francisco. \$5000

DWELLING

(4139) W THIRTY-FIRST AVE 150 N
Irving. One-story and basement
frame dwelling.

Owner—Jas. A. Arnott, 235 Granville
Way, San Francisco.

Architect—None.
Contractor—Jas. Arnott & Son, 235
Granville Way, S. F. \$3800

STORES, ETC.

(4140) S TULK 137-6 E Jones. Six-
story concrete stores and "com-
mercial depository."

Owner—F. W. Hess, 1342 Mission St.,
San Francisco.

Engineer—J. H. Hjul, 1342 Mission St.,
San Francisco.

Contractor—J. H. Hjul, 1342 Mission St.
San Francisco. \$150,000

STORES, ETC.

SE CHURCH AND TWENTY-FIFTH.
Three-story frame stores and flat.

Owner—J. Gonzalez, Premises.
Architect—Evans & Co., 359 Pacific
Bldg., San Francisco.

Contractor—C. Lindberg, 257 Surrey St.,
San Francisco. \$15,450

NOTE—Recorded contract reported
Nov. 22, 1922. No. 4128.

FRAME BLDG.

(4141) N UNION 55 E Gough E 25XN
112-6. All work for two-story and
basement frame building.

Owner—Michele Firpo and Emilio Vigo
Premises.

Architect—L. Traverso, 854 Union St.,
San Francisco.

Contractor—Michele Perino, 425 Colum-
bus Ave., San Francisco.

Filed Nov. 22, '22. Dated Nov. 16, '22.
Enclosed and roof on \$3125

Brown coated 3125
Completed and accepted 3125
Usual 35 days 3125

TOTAL COST, \$12,500
Bond, \$6250. Sureties, Sopla Bianchi
and Giuseppe Ghezzi. Limit, 90 days
after Nov. 20, 1922. Forfeit, none.
Plans and specifications filed.

FRAME FLATS

(4142) E EIGHTH AVE 55-4 N Cabrillo
N 25X E 90. All work for two-story
frame flats.

Owner—A. Binaraz, 377 Laidley St.,
San Francisco.

Architect—None.
Contractor—A. A. Wesendunk, 1747 Do-
lores St., San Francisco.

Filed Nov. 22, '22. Dated Nov. 22, '22.
Frame up \$3350

Brown coated 3350
Completed and accepted 3350
Usual 35 days 3350

TOTAL COST, \$13,325
Bond, none. Limit, 120 days. Forfeit,
none. Plans and specifications filed.

SHOP BLDG.

(4143) S TEHAMA 412-6 W Third W
25X 80. A work for one-story
Class C shop building.

Owner—Carrie Hund.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco.

Contractor—Barrett & Hilp, 918 Har-
rison St., San Francisco.

Filed Nov. 22, '22. Dated Nov. 21, '22.
Concrete frame up \$2000

Roof on 1500
Completed and accepted 1500
Usual 35 days 1480

TOTAL COST, \$5920
Bond, none. Limit, 75 days. Forfeit,
none. Plans and specifications filed.

BUNGALOW

(4144) LOT 15 and S 20 ft. Lot 16 Bk
3164, Westwood Park. All work for
one-story, basement and aeroplane
deck bungalow.

Owner—Albert C. and Helen N. Ireton,
871 Mission St., San Francisco.

Architect—Ida F. McCain, 318 Kearny
St., San Francisco.

Contractor—Oscar Wilson and Andrew
J. Benson, 420 Russia St., S. F.

Filed Nov. 22, '22. Dated Nov. 20, '22.
Enclosed \$4039

Brown coated 4039
Completed and accepted 4039
Usual 35 days 4039

TOTAL COST, \$16,155
Bond, \$8078. Sureties, Edwin T. Pet-
erson and Chas. Monson. Limit, 120
days. Forfeit, none. Plans and spec-
ifications filed.

FRAME FLATS

(4145) W COLE 25 S Alma. Two-
story and basement frame (2)
flats.

Owner—O. M. Oyen, 67 Carmel St.,
San Francisco.

Architect—None. \$6000

DWELLINGS

(4146) N FULTON 107-6, 132-6, 157-6
W Twenty-third Ave. Three two-
story and basement frame dwlg.

Owner—Oscar Heyman & Bros., 742
Market St., San Francisco.

Architect—Alvin J. Stern, 742 Market
St., San Francisco. \$4000 each

APARTMENTS

(4147) NW JACKSON AND LAGUNA.
Nine-story and basement rein-
forced concrete (9) apartments.

Owner—J. E. Levin et al, 802 Hum-
boldt Bank Bldg., S. F.

Architect—C. A. Meussdorffer, 802
Humboldt Bank Bldg., San Fran-
cisco. \$170,000

SHOP
(4143) S MINNA 155 E Third. Two-story, basement, and part mezzanine floor electrical contractors' shop.
Owner—J. M. Carlson, 185 Stevenson St., San Francisco.
Architect—None.
Contractor—Adam Arras Co., 185 Stevenson St., San Francisco. \$9000

ALTERATIONS
(4149) SE PINE AND KEARNY. Remodel store front.
Owner—Mortimer A. Samuel, Alexander Bldg., San Francisco.
Architect—August G. Headman, New Call Bldg., S. F. \$4500

ALTERATIONS
(4150) NO. 2309 TWENTY-FOURTH. Alterations for flats.
Owner—Mrs. K. Doley, Premises.
Architect—G. A. Berger, 261 Valencia St., San Francisco. \$2000

DWELLINGS
(4151) E TWENTY-THIRD AVE 25 and 50 N Fulton. Two two-story and basement frame dwellings.
Owner—Bryan Feerick, 253 Downey St., San Francisco. \$4000 each
Plans by Owner.

FRAME FLATS
(4152) S ANZA 115 E Sixteenth Ave. Two-story and basement frame (2) flats.
Owner—Lawrence Barrett, % Bohemian Garage, San Francisco.
Architect—Martin J. Hirst, 906 Santa Fe Bldg., San Francisco.
Contractor—Barrett & Hilt, 918 Harrison St., San Francisco. \$8500

DWELLINGS
(4153) SE FORTIETH AVE AND CABRILLO and E 40th Ave 25, 50, 75, 100, 125 and 150 S Cabrillo. Seven one-story and basement frame dwellings.
Owner—Costello Bros., 18 Ney St., San Francisco.
Architect—None. \$3000 each

DWELLING
(4154) W ELEVENTH AVE 200 S Balboa. Two-story and basement frame dwelling.
Owner—A. T. Morris, 602 9th Ave., San Francisco.
Architect—None. \$5000

RESIDENCE
(4155) N HILL 50 E Sanchez. Two-story and basement frame residence.
Owner—John M. Nelson, 386 Hill St., San Francisco.
Plans by Owner. \$3500

RESIDENCE
(4156) W HAROLD AVE 200 N Grafton. One-story and basement frame residence.
Owner—Robert Miller, 5345 Geary St., San Francisco.
Architect—None.
Contractor—L. M. Carusio, 5345 Geary St., San Francisco. \$2500

DWELLING
(4157) W WAWONA 280 N Vicente. Two-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F. \$4000
Architect—None.

DWELLINGS
(4158) E WAWONA 200 and 254 N Vicente. Two two-story and basement frame dwellings.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F. \$4000 each
Architect—None.

ALTERATIONS
(4159) NW VAN NESS AVE AND Jackson. Sheath present roof with 1x6-in. and cover with Johns-Manville asbestos.

Owner—Walter Murphy Motor Co., Premises.
Architect—None.
Contractor—Chas Stockholm & Son, 819 Mondanock Bldg., San Francisco. \$1500

FRAME BUILDING
(4160) W EIGHTEENTH AVE 125 N Fulton 25xW 120. All work for two-story and basement frame building.
Owner—Miss A. E. Franson and Mrs. A. W. Cooper, 2115 Folsom St., San Francisco.
Architect—Edw E. Young, 251 Kearny St., San Francisco.
Contractor—McIntosh Bros., 180 Jessie St., San Francisco.
Filed Nov 23, '22. Dated Nov. 22, '22.
Frame up \$3332.50
Brown coated 3332.50
Completed and accepted..... 3332.50
Usual 35 day 3332.50
TOTAL COST, \$13,300.00
Bond, none. Limit, 90 days. Forfeited, none. Plans and specifications filed

COMPLETION NOTICES

SAN FRANCISCO COUNTY
Recorded Amount:
Nov. 15, 1922—N HUDSON AVE dist 8 89° 36' W 122' from E line Lot 22 Blk 2150 Westwood Park the alg N E line Hudson Ave S 89° 36' W 3155 to W line Lot 12 th alg W line Lot 12 N 0° 21' W 90 to N line Lot 12 th alg N line Lot 12 N 89° 36' E 3155 S 0° 21' E 90 to beg Ptn Lot 12 Blk 3160, Westwood Park. Hans and wife Esther E Nelson to whom it may concern.....Nov. 15, 1922
Nov. 15, 1922—SE FLOOD AVE 355 W Foerster W 30xS 112-6 Ptn Lots 19 and 20 Blk 112-6 Sunnyside; SE Flood Ave 385 W Foerster W 30x112-6 Ptn Lots 16 and 19 Blk 13, Sunnyside; SE Flood Ave 415 W Foerster W 30xS 112-6 Ptn Lots 15 and 16 Blk 13, Sunnyside. Moneta Invest Co to James Arnett & Son.....Nov. 14, 1922
Nov. 17, 1922—PTN LOTS 10 AND 11 Blk 3160, Westwood Park. Hans and Esther E Nelson to whom it may concern.....Nov. 15, 1922
Nov. 17, 1922—W THIRTY-EIGHTH AVE 800 N Fulton. Albert and Cathryn Young to C W Wohan.....Nov. 17, 1922
Nov. 17, 1922—ALL LOT 9 Ptn Lots 8 and 10 Blk 3160, Westwood Park. Hans & Esther E Nelson to whom it may concern.....Nov. 15, 1922
Nov. 17, 1922—LOT 10 BLK 3161 Westwood Park. Hans and Esther E Nelson to whom it may concern.....Nov. 17, 1922
Nov. 17, 1922—LOT 2 BLK 25. St. Francis Wood Extn No. 2. J G O'Connor and Gabrielle C O'Connor to Mangels Bros.....May 25, 1922
Nov. 17, 1922—NW MARKET AND Eureka N 16.15 W 125 S 39.572 E 127.235. Adolph Dittmann to F L Hansen and Henry Ernst & Sons.....Nov. 17, 1922
Nov. 17, 1922—SE POST & LEAVENWORTH 775 Post St. The Schmiedell Estate Corp to Alfred H Vogt.....Nov. 17, 1922
Nov. 17, 1922—E THIRTY-SECOND AVE 150 N Geary N 25x120. Julius Schmidt to Jacob H Thorup.....Nov. 17, 1922
Nov. 17, 1922—NW ST. FRANCIS Blvd and San Leandro Way Lot 2 Blk 9, St. Francis Wood. Joseph L Stewart to whom it may concern.....Nov. 10, 1922
Nov. 18, 1922—E TWENTY-THIRD AVE 125 N Fulton. Bryan Feerick to whom it may concern.....Nov. 18, '22
Nov. 18, 1922—E CLAYTON 100 S Fulton. Robert E and Eleanor Weddle to J M Hooper.....Nov. 15, 1922
Nov. 20, 1922—W ELEVENTH AVE 200 Geary S 25xW 120. Patrick

Hannon to Thos McCormick.....Nov. 16, 1922
Nov. 20, 1922—LOT 8 BLK 8, Forest Hill. Wm E Weichart to J Prout.....Nov. 20, 1922
Nov. 20, 1922—N TWENTY-SIXTH 25 E Mission. J T Hinrichs to Fabian Joost Co.....Nov. 18, 1922
Nov. 20, 1922—E TWENTY-THIRD AVE 100 N Fulton N 25xE 120. Bryan Feerick to whom it may concern.....Nov. 17, 1922
Nov. 20, 1922—E TWENTY-NINTH AVE 100 and 125 N Balboa N 25x E 120. Cecilia McGlynn to Fred Warden.....Nov. 1, 1922
Nov. 20, 1922—E TWENTY-NINTH AVE 75 N Balboa N 25xE 82-6. Cecilia McGlynn to Fred Warden.....Nov. 1, 1922
Nov. 20, 1922—NW LONDON 200 SW Italy Ave SW 25xNW 100 Ptn Excel Hd Blk 7. H Nelson to whom it may concern.....Nov. 17, 1922
Nov. 20, 1922—SE DELANO AVE 183 NE Ocean Ave 30x125. Carnella Pfitto to Joseph Novello.....Nov. 20, 1922
Nov. 20, 1922—N O'FARRELL 170 W Hyde 48x137-6. D J Clancy to whom it may concern.....Nov. 20, 1922
Nov. 20, 1922—COM. AT PT on continuation of E Delaware 100 N from Int E Delaware with cont of S 23rd W 110xN 75. Pacific Gas & Electric Co to A W Kitchen.....Nov. 15, 1922
Nov. 20, 1922—COR. COLUMBUS AV and Powell No. 1741 Powell. North Beach Theatre Inc to Arthur Elvin.....Nov. 13, 1922
Nov. 20, 1922—NO. 233 RICHLAND Ave bet Leese and Murray. Carl and Louise Erikson to whom it may concern.....Nov. 20, 1922
Nov. 20, 1922—E FORTY-FIFTH AV 60 and 90 S Geary. Meyer Bros to whom it may concern.....Nov. 18, 1922
Nov. 20, 1922—W JONES 112-6 S Geary S 25xW 60. Lawrence A Myers to O W Britt.....Nov. 15, 1922
Nov. 21, 1922—W TWENTY-SIXTH AVE 30-2 S Balboa. A H Reith to T E Mohler.....Nov. 1922
Nov. 21, 1922—W THIRTY-FOURTH AVE 250 N Fulton N 200xW 120. Michael and Lawrence Costello to whom it may concern.....Nov. 15, 1922
Nov. 21, 1922—S LENARES AVE 75 E Ventura Ave. Forest Hill Court. Addington L Wise to whom it may concern.....Nov. 17, 1922
Nov. 21, 1922—NE REVERE AVE 225 NW Lane NW 25xNE 100; Ptn Lot 13 Blk 348 South San Francisco Hd and R R Ass'n. Leopold and Rosine Nourrigat to T R Sharmann.....Nov. 18, 1922
Nov. 22, 1922—LOTS 3, 3 AND 4 BLK 3161; Lot 5 Blk 3160, Westwood Park. Hans and Esther E Nelson to whom it may concern.....Nov. 20, '22
Nov. 22, 1922—W THIRTY-FOURTH AVE 425 N Fulton N 30xW 120. Michael Costello to whom it may concern.....Nov. 20, 1922
Nov. 22, 1922—NE OLIVER 90 SE Mission SE 52xNE 178. Nettie Ruppel w Louis to S Saari.....Nov. 22, 1922
Nov. 22, 1922—E BELDEN E BLACE 77-6 S Ptn S 20xE 60. Lucien London to Mission Concrete Co.....Oct. 25, 1922
Nov. 22, 1922—W ELEVENTH AVE 250 N Anza. Roy W and Georgia M Hoffman to G W Urban.....Nov. 18, '22
Nov. 22, 1922—N CLEMENT 60 W Twenty-first Ave W 25xN 100. George J Hart to whom it may concern.....Nov. 20, 1922
Nov. 23, 1922—W FIFTEENTH AVE 281-6 S Balboa S 25xW 127-6. J A and Amy Andren to whom it may concern.....Nov. 1, 1922
Nov. 23, 1922—E PRESIDIO AVE 72-8 1/2 S Pacific Ave S 25xE 110-11. Elizabeth W Putnam to A J Reeder.....June 21, 1922

Nov. 23, 1922—SW GROVE AND Scott S 55xW 100. A F McCormick to Fred Miller.....Nov. 24, 1922
Nov. 20 and Pacific Elevator & Equipment Co.....Nov. 14, 1922
Nov. 23, 1922—N FULTON 102-6 E Sixteenth Ave E 25xN 100. Augusta B Findlay to Murray & Anderson.....Nov. 20, 1922
Nov. 23, 1922—S PALOU AVE 275 E Quint, Madden Hammersmith Development Co to whom it may concern.....Nov. 22, 1922
Nov. 23, 1922—E STOCKTON 25 S Post, The Rudolph Wurilizer Co to Macgruer & Simpson, Nov. 14, 1922
Nov. 23, 1922—E HEMWAY TERRACE 241-8 and 208-4 N Fulton, W L Hemminga to whom it may concern.....Nov. 22, 1922
Nov. 23, 1922—E HEMWAY TERRACE 175 and 141-8 N Fulton, W L Hemminga to whom it may concern.....Nov. 22, 1922
Nov. 23, 1922—W FOURTEENTH Ave 130 S Geary S 25xW 105. L Della Raynor to J E Barker.....Nov. 14, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
Nov. 17, 1922—W FOURTEENTH AVE 75 S Cabrillo S 25xW 100. John J Murray vs Harry Moran and Harry or Henry Walsh.....	\$450
Nov. 17, 1922—W TWENTY-SIXTH Ave 243 N Clement N 25xW 120. John J Murray vs Harry Moran and R C Holm.....	\$165
Nov. 17, 1922—LOT 18 BLK 6, Flint Tract Hd. Assn 451 Buena Vista Av. Christenson Lumber Co vs J F and Emily A Code.....	\$600
Nov. 17, 1922—N GREEN 68-9 W Divisadero W 24-41xN 103-6. C S Newell vs Windsor Terrace Bldg Co, L D Allen Co, L D Allen and Lizzie M Darbrow.....	\$353.50
Nov. 18, 1922—W TWENTIETH AVE 225 N Ortega N 100xW 120. Swift & Co vs C A Ericsson and Aurora	
Nov. 20, 1922—N EIGHTEENTH 25 E Arkansas E 25xN 72-6. John O'Hara vs Emilio Bertoletti.....	\$250
Nov. 20, 1922—S BROSNAN 230 W Valencia W 75xS 75. Michel & Pfeffer Iron Works vs H Faber & P S Walters.....	\$583
Nov. 21, 1922—E STANVYAN 25 N Rivoli N 25xR 100. Powers Roofing Co vs H L Walkup and Johnson & Anderson.....	\$360
Nov. 22, 1922—S BROSNAN 230 W Valencia W 75xS 75. San Francisco Lumber Co vs Hermann Faber.....	\$337.36
Nov. 23, 1922—S BROSNAN 230 W Valencia W 75xS 75. Rasmussen & Maillard vs H Faber and P S Walters.....	\$307.25

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
Nov. 17, 1922—LOT 16 BLK N St. Francis Wood Exten No.1, Henry Gutterson to T D Harney.....	
Nov. 21, 1922—SE CALIFORNIA AND Twenty-seventh Ave E 25xS 100. Thos M Jones to Thomas J and Nora A Feeney.....	\$2575

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Nov. 17, 1922—S CALIFORNIA 81 E Laguna. J R Fringle, Felix T Smith and The Bank of California National Assn Tr Cora B Smith, dec'd as to improvements on property.....
Nov. 17, 1922—NO. 1933 MARKET & No. 2 Sixth St. John A Buck et al as to improvements on property..

Nov. 20, 1922—W MISSION 160 N Nineteenth N 25xW 80. Wm and Wm J H Hasselbrock as to improvements on property.....
Nov. 23, 1922—NW SILLIMAN AVE 22 SW Brussel SW 22-6xNW 100. Wayne Millwork & Lumber Co to Jos Blum, Wm Schaffer and Margaret F M Coffey.....\$55.85
Nov. 23, 1922—S SILLIMAN 22-6 W Brussel W 22-6xN 100. Henry Ernst & Sons to Marguerite F M Coffey.....

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

4959 Robertson	Hewitt	4500
4960 Sterner	Owner	1000
4961 Noble	Owner	1500
4962 Matteson	Owner	3000
4963 Horton	Engler	3700
4964 Saroni	Pond	5600
4965 Jensen	Owner	5500
4966 Flagg	Turner	3000
4967 Burritt	Owner	4900
4968 Ffrang	Owner	6000
4969 Pfrang	Owner	6000
4970 Burritt	Owner	19600
4971 Smith	Owner	3000
4972 Marquis	Owner	2200
4973 Marquis	Owner	8800
4974 Smith	Owner	3500
4975 Mather	Hazen	1500
4976 Woodburn	Owner	8000
4977 Brown	Owner	3000
4978 Garcey	Owner	1500
4979 Jensen	Kurtz	15000
4980 Gier	Stolte	2975
4981 Fabiola	Cederborg	19500
4982 Sweet	Smith	2000
4983 Calne	Owner	3500
4984 Barrett	Johnson	2250
4985 Cary	Allan	1800
4986 Marquis	Owner	2200
4987 Marquis	Owner	4400
4988 American	Scott	3775
4989 Heine	Owner	3250
4990 Morse	Burke	3000
4991 Henderson	Jackson	2500
4992 Harris	Van Ness	2000
4993 Warner	Owner	4000
4994 Oakland	Bertelsen	8300
4995 Bardwell	Owner	5000
4996 Colonial	Engler	755
4997 Same	Forderer	1275
4998 Horton	Engler	13700
4999 Lucas	Owner	3200
5000 Lamb	Owner	5000
5001 Patterson	Warren	11000
5002 Foster	Wolbold	4000
5003 Calnal	Owner	1000
5004 McGregor	Owner	21300
5005 McGregor	Owner	3800
5006 Edwards	Owner	1900
5007 Howland	Frostholm	2500
5008 Haustein	Peterson	1050
5009 Young	Owner	3500
5010 Robinson	Thiele	3500
5011 Ferrier	Walker	9000
5012 Fennelly	Owner	3500
5013 Mentch	Stanley	4000
5014 Union	Union	6500
5015 Wilson	Roust	2550
5016 Bowers	Parker	1700
5017 Audiffred	Owner	3500
5018 Leincker	Cowan	1500
5019 Young	Pearson	2600
5020 Whitbeck	Lepley	2800
5021 Gler	Stolte	3200
5022 Johnson	Owner	2250
5023 Ray	Owner	3500
5024 Strief	Hebel	2250
5025 Bradshaw	Owner	2800
5026 Mac Teer	Owner	1900
5027 Shipman	Owner	1800
5028 Grant	Schwalzm	7900
5029 Moe	Owner	6000
5030 Woodburn	Owner	2800
5031 Gibbs	Jansen	3500
5032 Warnecke	Owner	5000
5033 Van Doren	Owner	2000
5034 Beechle	Owner	7000
5035 Fergenberg	Kruse	3800
5036 McGinn	Burks	6000
5037 Harris	Allen	4000
5038 Costa	Woodward	3750

5039 Joensen	Damgaard	7000
5040 Jacobson	Oakland	1900
5041 Winst-in	Jones	3800
5042 Wilson	Lodge	3900
5043 Lavoe	Nordstrom	1200
5044 Matfield	Nelson	2500
5045 Foglistri	Owner	12000
5046 Fringle	Campbell	4700
5047 Worthington	Cramer	3000
5048 Jefferson	Sims	3000
5049 Gray	Wells	1600
5050 Brouse	Vaughn	2500
5051 Oakland	Bartlett	10900
5052 Anderson	Owner	8000
5053 Schmalowitz	Johnson	6350
5054 Siebe	Hogan	1000
5055 Lerch	Sommarstrom	15000
5056 Parker	Jones	3800
5057 S P Co	Hutchinson	—
5058 Koch	Flittner	1975
5059 Junino	Noble	4000
5060 Bower	Chapton	6000
5061 Alameda	Owner	10600
5062 Higginis	Lundholm	1450
5063 Porter	Owner	7000
5064 Marquis	Owner	5600
5065 Macgregor	Owner	5000
5066 MacGregor	Owner	21900
5067 MacGregor	Owner	25500
5068 Glantz	Owner	4000
5069 Brookes	Buhman	3900
5070 Peters	Owner	2400
5071 Dodge	Vaughn	8000
5072 Davis	Asuma	1000
5073 Hinch	Owner	3000

DWELLING

(4959) BAY ST. bet. Central Ave. and Santa Clara Ave., Alameda. One-story 6-room dwelling.
Owner—W. L. Robertson, 1206 Santa Clara Ave., Alameda.
Architect—None.
Contractor—H. L. Hewitt, 1801 Delaware St., Berkeley. \$4500

ALTERATIONS

(4960) NO. 1717 CENTRAL AVE., Alameda. Alterations.
Owner—E. J. Sterner, 1420 Grand St., Alameda.
Architect—None. \$1000

ALTERATIONS

(4961) NO. 1329 SHERMAN ST., Alameda. Alterations.
Owner—G. H. Noble, 2205 Santa Clara Ave., Alameda.
Architect—None. \$1500

DWELLING

(4962) NO. 1718 BEVERLEY PLACE, Berkeley. One-story 4-room dwlg.
Owner—Berdette Matteson, 1822 Milvia St., Berkeley.
Architect—None. \$3000

DWELLING

(4963) NO. 70 DOMINGO, Berkeley. Two-story nine-room dwelling.
Owner—E. H. Horton.
Architect—None.
Contractor—Louis Engler, 2940 Forest Ave., Berkeley. \$13,700

DWELLINGS

(4964) NO. 2329 & 2331 SACRAMENTO St., Berkeley. Two one-story five-room dwellings.
Owner—Louis Saroni, San Francisco.
Architect—None.
Contractor—C. P. Pond, 1163 Ashmont St., Oakland. \$2800 each

DWELLING

(4965) N ARIMO AVE 586 N Walla Vista, Oakland. 1½-story 8-room dwelling.
Owner—Marie Jensen, 1027 38th Ave., Oakland.
Architect—None. \$5500

DWELLING

(4966) E AUSEON AVE 250 N Buch, Oakland. One-story 5-room dwlg.
Owner—A. J. Flagg, 4607 Virginia St., Oakland.
Architect—None.
Contractor—Fred G. Turner, 4521 Virginia St., Oakland. \$3000

DWELLING
(4967) E BEST AVE 200 N Brookdale, Oakland, 1-story 6-room dwlg.
Owner—Burritt & Shealey, Oakland.
Architect—None. \$1900

DWELLING
(4968) N E COR BROADWAY AND Virmar, Oakland, 1-story 6-room dwelling.
Owner—C. J. Pfrang, 480 Forest St Okd.
Architect—None. \$6000

DWELLING
(4969) E BROADWAY 44 N Virmar, Oakland 1-story 6-room dwlg.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. \$6000

DWELLINGS
(4970) W BEST AVE 40 & 80 N Brookdale, Oakland, 2 1-story 6-rm dwellings.
Owner—Burritt & Shealey.
Architect—None. \$1900 ea.

DWELLING
(4971) W EIGHTY-SECOND AVE, 160 S Birch St., Oakland, 1-story 5-rm. dwelling.
Owner—R. A. Smith.
Architect—None. \$2000

DWELLING
(4972) E FORTIETH AVE 330 N Car-
rington, Oakland, 1-story 4-room
dwelling.
Owner—E. M. Marquis, 2827 Russell St.,
Berkeley.
Architect—None. \$2200

DWELLING
(4973) E FORTIETH AVE 220, 250, 290
320 S Santa Rita, Oakland, 4 1-story
4-room dwellings.
Owner—E. M. Marquis, 2827 Russell St.,
Berkeley.
Architect—None. \$2200 ea.

DWELLING
(4974) W HADDON Rd, 50 N Excelsior
Oakland, 1-story 5-room dwelling.
Owner—M. F. Smith, 1001 Excelsior Av.,
Oakland.
Architect—None. \$3500

DWELLING
(4975) S KANNING ST, 123 E-39th Ave
Oakland, 1-story 3-room dwelling.
Owner—H. C. Mather, 4082 Bayo St.,
Oakland.
Architect—None.
Contractor—Harold Hazen, 4106 Bayo
St., Oakland. \$1500

DWELLING
(4976) S LAKESHORE AVE 80 & 120
W Spring Ave., Oakland, 2 1-story
6-room dwellings.
Owner—Paul E. Woodburn, 624 Pros-
pect Ave., Oakland.
Architect—None. \$4000 ea.
DWELLING
(4977) S LYON AVE \$1 W High St.,
Oakland, 1-story 5-room dwelling.
Owner—Charles E. Brown & A. Stenbro,
1707 Broadway, Oakland.
Architect—None. \$3000

DWELLING
(4978) E-NINETY-NINTH AVE 315 N
Foothill Blvd., Oakland, 1-story 4-
room dwellings.
Owner—W. H. Garey, 4116 E-16th St.,
Oakland.
Architect—None. \$1500

APARTMENTS
(4979) E OPAL ST 150 N 41st St., Okd.
2-story 17-room apts.
Owner—L. Jensen, 812 Aileen St., Okd.
Architect—None.
Contractor—F. A. Kurtz, 812 Aileen St.,
Oakland. \$15,000

DWELLING
(4980) E ORANGE AVE 270 S E-27th
St., Oakland, 1-story 5-room dwlg
Owner—Thoe. Glor.

Architect—None.
Contractor—F. C. Stolte, 3455 Laguna
Ave., Oakland. \$2975

NURSES HOME
(4981) W PIEDMONT AVE 536 N Moss
St., Oakland, 2-story 17-room nurs-
es home.
Owner—Fabiola Hospital Assn., Moss &
Broadway, Oakland.
Architect—None.
Contractor—A. Cederborg, 1445 Excel-
sior Ave., Oakland. \$19,500

DWELLING
(4982) N QUIGLEY ST, 105 W May-
belle, Oakland, 1-story 4-room
dwelling.
Owner—R. M. Sweet, 324 40th St., Okd.
Architect—None.
Contractor—R. A. Smith, 3145 Adeline
St., Oakland. \$2000

DWELLING
(4983) N SIXTY-FIRST ST, 250 E
Occidental, Oakland, 1-story 6-rm.
dwelling.
Owner—L. M. Caine, 880 61st St., Okd.
Architect—None. \$3500

DWELLING
(4984) S E COR SEVENTY-THIRD AV
and Lockwood, Oakland, 1-story 5-
room dwelling.
Owner—G. A. Barnett, 240 Golden Gate
Ave., San Francisco.
Architect—None.
Contractor—Alfred Johnson, 1802 55th
Ave., Oakland. \$2250

DWELLING
(4985) S E COR SIXTY-EIGHTH AVE
and Hamilton St., Oakland, 1-story
4-room dwelling.
Owner—E. H. Cary, 1088 68th Ave. Okd.
Architect—None.
Contractor—Jas. Allan, 5805 Harmon
Ave., Oakland. \$1800

DWELLING
(4986) E-THIRTY-EIGHTH AVE 20 S
Mera St., Oakland, 1-story 4-room
dwelling.
Owner—E. M. Marquis, 2827 Russell St
Berkeley.
Architect—None. \$2200

DWELLINGS
(4987) W THIRTY-EIGHTH AVE, 200
and 330 N San Juan, Oakland, 2-
1-story 4-room dwellings.
Owner—F. M. Marquis, 2827 Russell St.,
Berkeley.
Architect—None. \$2200 each

BANK BLDG.
(4988) E-THIRTY-FOURTH AVE &
E-14th E 40 N 60 W 49-11 1/2 th
66-3/4 to pt. beg., Oakland, All
work for bank building.
Owner—The American Bank.
Architect—Edw. T. Foulkes, Crocker
Bldg., San Francisco.
Contractor—G. A. Scott, 685 23rd St.,
Oakland.
Filed Nov. 16, '22. Dated Nov. 15, '22.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$38,775
Bond, \$19,387.50; Surety, Globe Indemn-
ity Co. Limit, 120 days. Forfeit, none.
Plans and specifications filed.

DWELLING
(4990) E FIFTY-FIFTH AVE 200 S
Fleming, Oakland, One-story five-
room dwelling
Owner—F. F. Morse.
Architect—None.
Contractor—C. E. Burks, 4129 Randolph
Ave., Oakland. \$3000

DWELLING
(4991) N REDDING 270 W Maybelle,
Oakland, One-story 4-room dwlg.
Owner—E. C. Henderson, Gallindo St.,
Oakland.
Architect—None.
Contractor—C. A. Jackson, 1118 68th
Ave., Oakland. \$2500

DWELLING
(4992) W SIXTY-FIRST AVE 450 S E-
14th St., Oakland, One-story 4-
room dwelling.
Owner—C. Harris, 134 E-11th St., Okd.
Architect—None.
Contractor—L. E. Van Ness, Box 433A,
R. E. D. No. 1, Oakland. \$2000

DWELLING
(4993) E SPRUCE 50 S Cleveland,
Oakland, One-story 6-room dwlg.
Owner—S. A. Warner, 850 Cleveland
St., Oakland.
Architect—None. \$4000

GARAGE
(4994) N FIFTY-SECOND 300 W
Telegraph Ave., Oakland, One-
story brick garage.
Owner—City of Oakland.
Architect—None.
Contractor—S. J. Bertelsen, 30 32s-
trella Ave., Piedmont. \$8330

DWELLING
(4995) S CALMAR AVE 518 W Pa-
loma, Oakland, One-story 6-room
dwelling.
Owner—C. E. Bardwell Jr., 927 E-24th
St., Oakland.
Architect—None. \$5000

CAFETERIA
(4996) SE FRANKLIN 398 NE 14th
NE 54th SE 150, Oakland, Roofing
for two-story concrete cafeteria.
Owner—Mrs. H. H. Crane, Jennie M
Hammond, Mrs. S. G. Hammond, E.
F. Cuenin (Colonial Cafeteria Co.)
Architect—A. Reinhold Denke, Dalziel
Bldg., Oakland.
Contractor—J. W. Bender (J. W. Ben-
der Roofing & Paving Co.), 351 12th
St., Oakland.

Filed Nov. 17, '22. Dated Nov. 9, '22.
Completed and accepted..... \$566.25
Usual 35 days..... 188.75
TOTAL COST, \$755.00
Bond, none. Limit, 10 days. Forfeit,
\$25. Specifications only filed.

(4997) SHEET METAL WORK ON
above.
Contractor—Forderer Corbice Works,
269 Potrero Ave., San Francisco.
Filed Nov. 17, '22. Dated Nov. 11, '22.
Completed and accepted..... \$956.25
Usual 35 days..... 318.75
TOTAL COST, \$1275.00
Bond, none. Limit, as soon as possible.
Forfeit, none. Plans and specifications
filed.

DWELLING
(4998) SW OAKVALE AND DOMINGO
Aves, 50x112, Berkeley, All work
for two-story 9-room dwelling and
garage.
Owner—E. H. Horton, 2816 Hillegass
St., Berkeley.
Architect—None.
Contractor—Louis Engler, 2940 Forest
Ave., Berkeley.
Filed Nov. 17, '22. Dated Nov. 15, '22.
Frame up 1/4
Crown coated 1/4
Completed 1/4
Usual 35 days..... 1/4
TOTAL COST, \$13,760
Bond, none. Limit, 160 days. Forfeit,
none. Plans and specifications filed.

DWELLING
(4999) NO 2211 ASHBY AVE., Ber-
keley, One-story 5-room dwelling.
Owner—L. L. Lucas, 2201 Ashby Ave.,
Berkeley.
Architect—None. \$3200

DWELLING
(5000) NO. 816 ALAMEDA, Berkeley.
Two-story 6-room dwelling.
Owner—E. R. Lamb, 1064 64th St., Ber-
keley.
Architect—None. \$5000

APARTMENTS

(5001) NO. 1846 DELAWARE, Berkeley
Two-story apartments.
Owner—Mrs. C. Patterson, 1747 Grove St., Berkeley.
Architect—None.
Contractor—C. H. Warren, 2615 Derby St., Berkeley. \$11,000

DWELLING

(5002) NO. 1034 MERCED, Berkeley.
One-story 5-room dwelling.
Owner—Julia E. Foster, 2620 Stuart St., Berkeley.
Architect—None.
Contractor—J. Henry Wolbold, 2115 Center St., Berkeley. \$4000

DWELLING

N W COR ASHMONT & MANDANA
Oakland. Two-story 10-room dwlg.
Owner—Jas. B. Blum.
Architect—None.
Contractor—F. J. Westlund, 351 12th St. Oakland. \$18,574
NOTE — Recorded contract reported Nov. 10, 1922, No. 4866.

DWELLING

(5003) S ALLENDALE 50 E 77th Ave., Oakland. One-story 4-room dwlg.
Owner—Manuel B. Cabral, 1234 82nd Ave. Oakland.
Architect—None. \$1000

DWELLINGS

(5004) E BARTLETT 80, 120, 160, 200, 240, 280 N Penniman, Oakland. Six One-story 6-room dwellings.
Owner—C. M. McGregor, 470 13th St. Oakland.
Architect—None. \$3650 each

DWELLING

(5005) E BARTLETT ST. 40 N Penniman, Oakland. 1-story 4-room dwlg.
Owner—C. M. MacGregor, 470 13th St. Oakland.
Architect—None. \$3500

ALTERATION

(5006) 5871 BIRCH COURT, Oakland. Alterations.
Owner—Guy D. Edwards, premises.
Architect—None. \$1000

ALTERATIONS

(5007) 3917 CHABOT RD. Oakland. Alterations.
Owner—H. F. Howland.
Architect—None.
Contractor—H. M. Frostholt, 877 Lakeshore Ave., Oakland. \$2500

ADDITION

(5008) 790 CALMAR AVE., Oakland. Addition.
Owner—M. Haustein, premises.
Architect—None.
Contractor—Alfred Peterson, 3918 Lincolnwood Ave., Oakland. \$1050

DWELLING

(5009) S ECHO AVE. 541 E Piedmont, Oakland. One-story 5-room dwlg.
Owner—Jas. H. Young, 4174 Emerald St., Oakland.
Architect—None. \$3500

DWELLING

(5010) N E-ELEVENTH ST. 120 E 7th Ave., Oakland. One-story 4-room dwelling.
Owner—E. W. Robinson, 621 7th Ave., Oakland.
Architect—None.
Contractor—F. J. Thiele, 2905 Madison St., Alameda. \$3500

FLATS

(5011) N W COR E-FIFTEENTH ST. and 5th Ave., Oakland. 2-story 12-room flats.
Owner—E. E. Ferrier, 5213 E-14th St., Oakland.
Architect—None.
Contractor—S. C. Walker, 3231 Boston Ave., Oakland. \$9000

DWELLING

(5012) W FIFTY-FIFTH AVE. 440 N Ruth, Oakland. 1-story 5-rm. dwlg.
Owner—James D. Fennelly, 2910 E-22nd St., Oakland.
Architect—None. \$3500

DWELLING

(5013) W FORTY-SEVENTH AVE. S San Carlos, Oakland. 1-story 5-rm dwelling.
Owner—V. S. Mentch, 1405 9th Ave. Okd.
Architect—None.
Contractor—J. A. Stanley, 1456 45th Ave., Oakland. \$1000

FORGE SHOP

(5014) S FORD ST. 100 W Derby, Oakland. 1-story forge shop.
Owner—Union Press & Forge Co.
Architect—None.
Contractor—Union Const. & Drydock Co. 14th St., Oakland. \$6500

ALTERATION

(5015) 663 FAIRVIEW, Oakland. Alteration.
Owner—Mrs. Vera Wilson.
Architect—None.
Contractor—A. Roust, 6508 Raymond St. Oakland. \$2500

ALTERATION

(5016) 675 FAIRMONT, Oakland. Alteration.
Owner—Mrs. J. E. Bowers, 914 E-14th St., Oakland.
Contractor—Jos. Parker, 944 E-14th St. Oakland. \$1700

FIRE REPAIRS

(5017) S E COR FOURTH & JEFFERSON Sts., Oakland. Fire repairs.
Owner—A. Anifred, 355 12th St. Okd.
Architect—None. \$3500

DWELLING

(5018) E FOREST HILL 200 S Tiffin Rd., Oakland. 1-story 4-room dwlg.
Owner—A. Brinker, 3329 Wisconsin St. Oakland.
Architect—None.
Contractor—W. F. Cowan, 3309 Georgia St., Oakland. \$1500

DWELLING

(5019) S MAURITANIA AVE 126 E-62nd Ave., Oakland.
Architect—None.
Contractor—A. Pearson, 330 Nowell St., Oakland. \$2600

DWELLING

(5020) E MIDVALE AVE 1355 Hopkins, Oakland. 1-story 5-room dwlg.
Owner—Chas. G. Whitbeck, 361 Hanover, Oakland.
Architect—None.
Contractor—F. A. Ledy, 3106 Park Blvd., Oakland. \$2800

DWELLING

(5021) S ORANGE AVE 200 S E-27th St., Oakland. 1-story 5-room dwlg.
Owner—Theo. Gier.
Architect—None.
Contractor—F. C. Stoltz, 3455 Laguna Ave., Oakland. \$3200

DWELLING

(5022) W SEVENTY-THIRD 540 N E-14th St., Oakland. 1-story 5-room dwelling.
Owner—Alfred Johnson, 1802 35th Ave., Oakland.
Architect—None. \$2250

DWELLING

(5023) E-SIXTIETH AVE. 150 S Tremor, Oakland. 1-story 5-room dwelling.
Owner—C. E. Ray, 1013 High St., Okd.
Architect—None. \$3500

ALTERATIONS

(5024) 826 THIRTY-SECOND ST Oakland. Alteration and addition.
Owner—J. E. Strief.
Architect—None.
Contractor—A. Hebel, 4061 Whittle Ave. Oakland. \$2250

DWELLING

(5025) 2501 THIRTEENTH AVE Oakland. 1-story 6-room dwelling.
Owner—E. W. Bradshaw, 2440 10th Ave., Oakland.
Architect—None. \$2800

DWELLING

(5026) 2024 TWENTY-FIFTH AVE., Oakland. 1-story 3-room dwelling.
Owner—Jos. Mac Teer, 2428 E-24th Ave. Oakland.
Architect—None. \$1900

DWELLING

(5027) S WELD ST. 835 E-73rd Ave., Oakland. 1-story 4-room dwlg.
Owner—C. A. Shipman, 1437 69th Ave., Oakland.
Architect—None. \$1800

DWELLING

(5028) ALL LOT 6 and Ptn Lot 5 Blk "B" Lakeshire Hills, Oakland. All work for two-story frame dwelling.
Owner—Norma Graham Grant, Oakland
Architect—Schirmer Bugbee & Co., Thayer Bldg. Oakland.
Contractor—Harry Schwalm, 1525 Chestnut St., Berkeley.
Filed Nov. 20, '22. Dated Nov. 16, '22.
Sheathed 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days. TOTAL COST, \$7990
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING

(5029) E BROOKWOOD RD. 171 S Trestle Glen, Oakland. 1-story 6-room dwelling.
Owner—Samuel Moe, 2125 9th Ave., Okd.
Architect—None. \$6000

DWELLING

(5030) N FIFTY-SECOND ST. 62 E Shattuck, Oakland. 1-story 5-room dwelling.
Owner—R. C. Woodburn, 3130 A College Berkeley.
Architect—None. \$2800

DWELLING

(5031) 2775 FRUITVALE, Oakland. 1-story 6-room dwelling.
Owner—C. F. Gibbs, 1510 90th Ave., Oakland.
Architect—None.
Contractor—R. N. Janson, 1223 54th Ave. Oakland. \$3500

DWELLING

(5032) S HOLMAN RD. 200 E Mathews Oakland. 1 1/2-story 6-room dwelling.
Owner—Carl I. Warnecke, 414 13th St., Oakland.
Architect—None. \$5000

DWELLING

(5033) S LOCKWOOD 640 W 73rd Ave. Oakland. 1-story 4-room dwlg.
Owner—P. N. Van Doren, Oakland, 357 12th St., Oakland.
Architect—None. \$2000

WAREHOUSE

(5034) E MOORPARK 125 S Russell, Oakland. 1-story Warehouse.
Owner—W. A. Bechtel, San Leandro.
Architect—None. \$7000

DWELLING

(5035) 5479 PRINCETON, Oakland. 1-story 5-room dwelling.
Owner—M. F. Feigenberg, 1215 44th Ave. Oakland.
Architect—None.
Contractor—H. H. Kruse, 6200 Majestic Ave., Oakland. \$3800

FLATS

(5036) E REGENT 200 N Alcatraz, Oakland. 2-story 10-room flats.
Owner—W. J. McGinn.
Architect—None.
Contractor—C. E. Burks, 4129 Randolph Oakland. \$6000

DWELLING
(5037) S E COR SEMINARY & CAM-den, Oakland, 1-story 5-room dwlg.
Owner—P. Harris, 3700 Brookdale Ave., Oakland.
Architect—None.
Contractor—H. Allen, 1615 83rd Ave., Oakland. \$1000

DWELLING
(5038) 1706 SIXTY-FOURTH AVENUE, Oakland, 1-story 3-room dwelling.
Owner—Wm. Costa.
Architect—None.
Contractor—L. L. Woodard, 2342 61th Ave., Oakland. \$3750

DWELLINGS
(5039) 2421 & 2127 SEVENTY-THIRD Ave., Oakland, 2 1-story dwellings.
Owner—C. L. V. Johansen, 2135 73rd Av. Oakland.
Architect—None.
Contractor—S. Damgaard, 1352 94th Av. Oakland. \$3500 each

DWELLING
(5040) S SUNNYSIDE 118 E Warner, Oakland, One-story 4-room dwelling.
Owner—W. F. Jacobson, 5125 Shattuck Ave., Oakland.
Architect—None.
Contractor—Oakland Home Building Co., 1704 San Pablo Ave., Oakland. \$1500

ADDITION
(5041) NO. 3420 TELEGRAPH AVE., Oakland, One-story tile addition.
Owner—Jacob Weinstein, Premises.
Architect—None.
Contractor—S. W. Jones, 5829 Lawton Ave., Oakland. \$3800

DWELLING
(5042) LOT 9 BLK 3, Brookdale Terrace Tract, Oakland, All work for six-room dwelling and garage.
Owner—Mrs. M. Wilson, Oakland.
Architect—None.
Contractor—C. F. Lodge, 5494 Bond St., Oakland.
Filed Nov. 21, 1922. Dated Nov. 18, 1922.
Frame up 1
Brown coated 1
Completed 1
30 days after 1
TOTAL COST, \$3900
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

GARAGE
(5043) TUNNEL ROAD & UPLANDS, Berkeley, Garage.
Owner—Edw. Lavoe, Premises.
Architect—None.
Contractor—David Nordstrom, 4146 Emerald St., Oakland. \$1200

ALTERATIONS
(5044) NO. 695 APGAR, Oakland, Alterations and additions.
Owner—W. Matfield.
Architect—None.
Contractor—Nelson & Nelson, 2327 13th Ave., Oakland. \$2500

FLATS
(5045) S FORTY-FIRST 140 W Webster, Oakland, Two-story 16-room flats.
Owner—R. Foglistti, 443 43rd St., Okd.
Architect—None. \$12,000

DWELLING
(5046) W BARROWS ROAD 480 S Cavanaugh Road, Oakland, One-story 5-room dwelling.
Owner—John Pringle, 331 29th St., Okd.
Architect—None.
Contractor—B. G. Campbell, 4195 Montgomery St., Oakland. \$4700

DWELLING
(5047) W BARTLETT 75 N Davis, Oakland, One-story 5-room dwelling.
Owner—H. S. and Mary F. Worthington, 1610 41st Ave., Oakland.
Architect—None.
Contractor—E. J. Cramer, 2004 46th Ave., Oakland. \$3000

DWELLING
(5048) NO. 5221 FOOTHILL BLVD., Oakland, One-story 5-room dwlg.
Owner—Dennis O'Day, 504 Jefferson St., Oakland.
Architect—None.
Contractor—W. H. Sims, 1940 42nd St., Oakland. \$3000

ALTERATIONS
(5049) NO. 1621 FIFTY-FIRST AVE., Oakland, Alterations.
Owner—E. S. Gray.
Architect—None.
Contractor—F. P. Wells, 4034 Porter St., Oakland. \$1600

DWELLING
(5050) NE FIFTY-SIXTH AND TELE-graph Ave., Oakland, One-story 3-room store and dwelling.
Owner—Helmuth Brouse.
Architect—None.
Contractor—W. T. Vaughn, 381 51st St., Oakland. \$2500

FIRE HOUSE
(5051) E MAGNOLIA 100 S 34th St., Oakland, One-story brick fire house.
Owner—City of Oakland.
Architect—None.
Contractor—John M. Bartlett, 357 12th St., Oakland. \$10,900

DWELLING
(5052) NO. 5322 OCEAN VIEW DRIVE, Oakland, One-story 9-room dwlg.
Owner—F. A. Anderson, 324 40th St., Oakland.
Architect—None. \$8000

DWELLING
(5053) NO. 1027 THIRTY-SECOND ST., Oakland, One-story 8-room dwlg.
Owner—M. Schnalowitz.
Architect—None.
Contractor—H. E. Johnson, San Leandro. \$6350

ADDITION
(5054) NO. 3512 WEST, Oakland, Addition.
Owner—W. A. Siebe.
Architect—None.
Contractor—Jos. M. Hogan, 5501 Manila Ave., Oakland. \$1000

APARTMENTS
(5055) W WALKER AVE 375 S Fairbanks, Oakland, Three-story 15-room apartments.
Owner—C. Lerch, 5406 Arbor Ave., Okd.
Architect—None.
Contractor—Axel Sommarstrom, 109 Sunnyside Ave., Oakland. \$15,000

GARAGE
(5056) W ELM ST. 113.59 N 34th St. N 50 W 242.59 S 60.06 E 97 N 10 E 143 Oakland, Brick garage.
Owner—M. Parker & Jacob Weinstein, 1278 Market St., Oakland.
Architect—None.
Contractor—S. W. Jones, 5829 Lawton St., Oakland.
Filed Nov. 11, 1922. Dated Nov. 11, 1921.
Walls up 1
Roof on 1
Completed and accepted 1
Usual 35 days 1
TOTAL COST, \$3800
Bond, \$2000; Sureties, Mrs. L. M. Jones and C. J. Stone; Forfeit, \$10; Limit, 90 days; Specifications, none; Plans filed.

CURBING
(5057) HIGH ST. STATION, Alameda, Concrete curbing.
Owner—S. P. Co.
Architect—None.
Contractor—Hutchinson Co., Hutchinson Bldg., Oakland.
Filed Nov. 22, 1922. Dated Oct. 30, 1922.
End each month 75¢
Usual 35 days 25¢
TOTAL COST, \$1.05 per lin. ft.
Bonds, \$710; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 60 days; Plans and specifications filed.

DWELLING
(5058) N E LOT 47 & N W LOT 47 Map Stonehurst S W 39 N W 100 N E 40 S E 100 S W 10, Oakland, One-story 5-room dwelling.
Owner—Walter & Johanne Koch, 1115 Royal Ann St., Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Ave., Oakland.
Filed Nov. 22, 1922. Dated Nov. 17, 1922.
Frame up 1
Brown coated 1
Completed and accepted 1
Usual 35 days 1
TOTAL COST, \$1975
Bond, none; Sureties, none; Forfeit, \$3; Limit, 60 days; Plans and specifications filed.

DWELLING
(5059) NO. 1016 DORIS COURT, Alameda, One-story 5-room dwelling.
Owner—L. Junno.
Architect—None.
Contractor—G. H. Nohle, 2205 Santa Clara Ave., Alameda. \$4000

DWELLING
(5060) NO. 2534 AND 2538 LINCOLN Ave., Alameda, Two one-story 4-room dwellings.
Owner—Mason Bower, 2256 Central Ave., Alameda.
Architect—None.
Contractor—L. R. Chaption, 442 Haight Ave., Alameda. \$3000 each

DWELLINGS
(5061) NO. 1539-1541-1545 MORTON St., Alameda, Three one-story 5-room dwellings.
Owner—Alameda Land Co., 1434 Park St., Alameda.
Architect—None. \$3500 each

ADDITION
(5062) NO. 1242 ST. CHARLES ST., Alameda, Addition.
Owner—J. E. Higgins, Premises.
Architect—None.
Contractor—J. W. Lundholm, 1717 Wood St., Alameda. \$1450

FLATS
(5063) NO. 2549-51 BUENA VISTA Way, Berkeley, Two-story 8-room flats.
Owner—H. H. Porter, 2616 Cedar St., Berkeley.
Architect—Edna Deakin, 3100 Telegraph Ave., Berkeley. \$7000

DWELLINGS
(5064) NO. 1766 AND 1770 ROSE ST., Berkeley, Two one-story 5-room dwellings.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. \$2800 each

DWELLING
(5065) W BARTLETT 520 N Penniman Oakland, 1-story 5-room dwelling.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. \$3500

DWELLINGS
(5066) W BARTLETT 320, 360, 400, 440, 480, and 560 N Penniman, Oakland, 6 1-story 6-room dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. \$3650 each

DWELLINGS
(5067) E BARTLETT ST. 320, 360, 400, 440, 480, 520, 560 N Penniman, Oakland, 7 1-story 6-room dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. \$3650 ea.

DWELLING
(5068) 721 BROOKWOOD RD., Oakland, 1-story 5-room dwelling.
Owner—C. W. Glantz, 737 Brookwood Rd., Oakland.
Architect—None. \$1000

LOTS 15 AND 16 PT. LOT 17, St. Francis Wood, Fresno. All work for dwelling and garage.
Owner—M. Brophy, 1415 N St., Fresno
Architect—Coates & Traver, Rowell Bldg., Fresno.
Contractor—Shorb & Neads, 627 McKinley Ave., Fresno.

Filed Nov. 16, '22. Dated Nov. 11, '22.
Floor joists placed \$2000
Roof framed 3518
Plastered 3518
Completed 3518
Usual 35 days 4180
TOTAL COST, \$16,739

Bond, \$8369. Surety, P. J. Ames et al., Limit, 90 working days from Nov. 11, 1922. Forfeit, \$10 per day. Plans and specifications filed.

GARAGE, ETC.
FIREBAUGH. All work for garage and shop building.
Owner—Firebaugh Grammar School District, Firebaugh.
Architect—None.
Contractor—E. K. Angle, Dos Palos, Calif.

Filed Nov. 16, '22. Dated Aug. 22, '22.
Monthly payments on 75%
Usual 35 days 25%
TOTAL COST, \$7593
Bond, \$3796. Surety, Maryland Casualty Co. Limit, 60 working days from August 22. Forfeit, none. Plans and specifications filed.

SCHOOL BLDGS.
TRANQUILITY, Fresno Co. All work for school buildings.
Owner—Tranquility Union High School District.
Architect—E. J. Kump Co., Rowell Bldg., Fresno.
Contractor—J. B. Hart, 945 San Pablo Ave., Fresno.

Filed Nov. 17, '22. Dated Nov. 11, '22.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$12,170
Bond, \$7002. Surety, Hartford Accident & Indemnity Co. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

GARAGE
LOTS 27 TO 32 BLK 99, Fresno. All work for one-story brick garage building.
Owner—Richard Emvzian, 1002 T St., Fresno.
Architect—E. Mathewson, Cory Bldg., San Francisco.
Contractor—Fred Stone, Mason Bldg., Fresno.

Filed Nov. 18, '22. Dated Nov. 17, '22.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$36,470
Bond, \$20,000. Surety, U. S. Fidelity & Guarantee Co. Limit, 90 working days. Forfeit, \$30 per day. Plans and specifications filed.

ALTERATIONS and repairs, \$11,500; Ketch and H. St., Fresno; owner, Zollerbach Paper Co., Premises; contractor, Minard & Casteel, 319 Abby St., Fresno.

DWELLING, \$6000; No. 4106 Kerckhoff Ave., Fresno; owner, J. S. Crichton contractor, MacLean & McShane.

STORES, \$7700; No. 1440 Van Ness Ave., Fresno; owner, O. J. Woodward, 2440 Mariposa St., Fresno; contractor, Howard Dickey, 150 Howard St., Fresno.

APARTMENT house and garage, \$15,000; No. 1126 Q St., Fresno; owner, Alberta Bauer; contractor, W. R. Davidson, 654 W-Second St., Fresno.

ALTERATIONS and repairs, \$5700; No. 615 Thorne St., Fresno; owner, Fancher Creek Nurseries, 301 Holland Bldg., Fresno; contractor, H. C. Hoyt.

DWELLING and garage, \$8500; No. 1591 Roosevelt Ave., Fresno; owner, A. W. Allen, East and Central Sts.,

Fresno; contractor, Nels S. Nelson, 1455 Roosevelt Ave., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Accepted
Nov. 16, 1922—S 1/2 LOT 10 BLK 7, Wilson North Fresno Tel. Fresno.	R. W. Harbo to whom it may concern, Nov. 16, 1922
Nov. 16, 1922—S 1/2 LOT 25 FT. Lot 6 Blk 1, North Park Terrace, Fresno.	Leonard M. Randall et ux to whom it may concern, Nov. 14, 1922
Nov. 16, 1922—LOT 315, Washington Col., Chris Thompson to whom it may concern, Nov. 3, 1922	
Nov. 17, 1922—LOTS 9 TO 12 BLK 18, Sierra Vista Addition, Fresno.	M. A. Stivers to whom it may concern, Nov. 15, 1922
Nov. 18, 1922—PTN. LOT 22, Bloomington Park Tract, Fresno.	C. C. & E. I. Harris to whom it may concern, Nov. 18, 1922
Nov. 18, 1922—LOT 3 BLK 28, Hazelwood.	Lida H. Marshall to whom it may concern, Nov. 18, 1922
Nov. 18, 1922—LOTS 8 TO 12 BLK 62, Fresno.	Kutner Goldstein Co. to whom it may concern, Nov. 2, 1922
Nov. 18, 1922—W 50 FT. LOT 2 BLK 9, Hazelwood.	Jas W. Evans, Nov. 16, 1922
Nov. 18, 1922—POMONA SCHOOL DIST., Pomona School Dist. to whom it may concern, Nov. 6, 1922	
Nov. 21, 1922—LOTS 35 AND 36, La Salle Tract, Fresno.	M. D. Bishop to whom it may concern, Nov. 20, 1922
Nov. 21, 1922—W 1/2 LOT 9, Lot 10 Blk 35, Belmont Addition, Fresno.	M. C. Routh et al., Nov. 16, 1922

LIENS FILED

FRESNO COUNTY

Recorded	Amount
Nov. 16, 1922—LOTS 12, 13 AND 14 Blk 1, Prathers Addition, Fresno.	C. P. Kessling vs M. Lucanian, \$690
Nov. 16, 1922—NE 50 FT. LOTS 1 & 2 Blk H, Fresno.	Tyre Bros Glass Co vs Arthur Spiropoulos et al., \$400
Nov. 17, 1922—E 1/2 LOT 4, Elmore Tract, Fresno.	L. Rosenberg vs Wm and Alice R. Mueller, \$417
Nov. 17, 1922—W 3/4 OF S 1/2 OF SW 1/4, Sec. 1, 14-19, Fresno.	Fischer-Glassford Hardware Co vs Setrak Potigian, \$177
Nov. 21, 1922—LOT 20 AND 21 BLK 6, Torrance Terrace, Fresno.	Fresno Lumber Co vs Linton Grue, \$653

BUILDING CONTRACTS

CONTRA COSTA COUNTY

LODGE hall, two-story frame, \$14,000; S Nevlin bel. 10th and 11th Sts., Richmond; owner, Redmen Hall Association, Cor. 11th and Bissell;

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,

Nevada City, Reno

SACRAMENTO OFFICE

ROSS E. PIERCE, Manager

905 SIXTH STREET

contractor, E. A. F. Carson, 512 11th St., Richmond.

DWELLING, two-story hollow tile, \$6800; NE Eleventh and Roosevelt Sts., Richmond; owner, J. T. Nabett, 906 Macdonald Ave., Richmond; architect, Owner.

DWELLING, one-story frame, \$2900; S-Fiftieth St., bet. Maine and Virginia Sts., Richmond; owner, J. 1 Kinnair, 640 Laguna St., San Francisco; contractor, Carl Ericsson, 1146 Masonic Ave., S. F.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

\$2,500 and Over Reported

RESIDENCE, \$7000; No. 1844 N-Hunter St., Stockton; owner, L. R. Branstetter, 1209 N-San Joaquin St., Stockton.

RESIDENCE, \$4000; No. 431 N-Regent St., Stockton; owner, G. P. Maddock, Commercial Bank Bldg., Stockton.

RESIDENCE, \$2500; No. 327 Locust St., Stockton; owner, G. B. Cheney

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded	Accepted
Nov. 16, 1922—LOTS 1 AND 3 BLK 12 East of Center St., Stockton.	Morris Levy by Max Levy to F. P. Sexton & Co., Nov. 6, 1922
Nov. 16, 1922—LOTS 1 AND 3 BLK 12, E of Center St., Stockton.	Morris Levy by Max Levy to Union Planning Mill, Nov. 6, 1922
Nov. 17, 1922—LOT 12 BLK 11, Yosemite Terrace, Stockton.	Lula E. Williams to J. A. Allen, Nov. 2, 1922
Nov. 18, 1922—HIGH SCHOOL DIST., Stockton.	Stockton High School District to Davis-Heller-Pearce Co., Louis S. Stone and Claude Long, Nov. 15, 1922

LIENS FILED

SAN JOAQUIN COUNTY

Recorded	Amount
Nov. 15, 1922—LOT 11 Veach Acres being part of SW 1/4 of NE 1/4 of Sec. 5 T 2 S R 7 E, Stockton.	Home Lumber Co vs L. N. Lee, Mrs J. L. Vest and Andrew Veach, \$322.19

BUILDING CONTRACTS

SANTA CLARA COUNTY

\$1,000 and Over Reported

COTTAGE

GILROY. All work for five-room cottage.

Owner—Tevo Parra and Louis Parra (Parra Bros.), Gilroy.

Architect—None.

Contractor—William Radtke, Gilroy.

Filed Nov. 18, '22. Dated Nov. 10, '22.

Frame up \$1975

Rough plaster on 1475

When completed 1475

Usual 35 days 1475

TOTAL COST, \$6400

Bond, none. Limit, 90 working days from Nov. 18, 1922. Forfeit, none. Plans and specifications filed.

BUNGALOW

NEAR SAN MARTIN, Santa Clara Co. All work for four-room bungalow.

Owner—William and Elizabeth Ryan, San Martin.

Architect—None.

Contractor—A. J. Nielsen, 156 S-20th St., San Jose.

Filed Nov. 17, '22. Dated Nov. 16, '22.
 Subfloor and studdings up.....\$660
 Wired and ready for plaster..... 660
 Completed..... 660
 Usual 35 days..... 660
 TOTAL COST, \$2640
 Bond, none. Limit, 50 working days
 from Nov. 20, 1922. Forfeit, \$40 a day.
 Plans and specifications filed.

BUILDING
E-SANTA CLARA ST., San Jose. All
 work for one-story reinforced con-
 crete building.
 Owner—H. H. Madsen, 409 S-16th St.,
 San Jose.
 Architect—Wolfe & Higgins, Auzerals
 Bldg., San Jose.
 Contractor—R. O. Summers, 17 N-First
 St., San Jose.
 Filed, —. Dated Nov. 16, 1922.
 Foundations in and concrete wall
 poured\$2286.75
 1st coat plaster on..... 2286.75
 Building completed..... 2286.75
 Usual 35 days..... 2286.75
 TOTAL COST, \$9147.00
 Bond, \$4573.50. Sureties, James H.
 Pierce and M. L. Doane. Limit, 100
 working days from Nov. 16, 1922. For-
 feit, none. Plans and specifications filed

DWELLING
SAN JOSE. All work except plumbing,
 sheet metal work, finished hard-
 ware, roofing, electric work, paint-
 ing and tiling for one-story dwell-
 ing and garage.
 Owner—Mrs. C. N. Sterlina, 310 W-
 Santa Clara St., San Jose.
 Architect—Herman Krause, Bank of
 San Jose Bldg., San Jose.
 Contractor—Guy M. Latta, 25 Rhodes
 Court, San Jose.
 Filed Nov. 17, '22. Dated Oct. 23, '22.
 Frame up\$2250
 Brown coat plaster on..... 2250
 Completed..... 2250
 Usual 35 days..... 2297
 TOTAL COST, \$9077
 Bond, \$4525. Sureties, James H. Pierce
 and Herman B. Krause. Limit, 120
 working days from Oct. 23, 1922. For-
 feit, none. Plans and specifications
 filed.

CHURCH
SARATOGA. All work for concrete
 church building.
 Owner—The Congregational Church of
 Saratoga.
 Architect—Julia Morgan, Merchants'
 Exchange Bldg., San Francisco.
 Contractor—H. E. Washburn, Pacific
 Grove.
 Filed Nov. 18, '22. Dated Nov. 6, '22.
 As work progresses..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$32,586
 Bond, \$16,000. Surety, United States
 Fidelity & Guaranty Co. Limit, without
 undue delay. Forfeit, none. Plans and
 specifications filed.

COTTAGE, five-room, \$1225; No. 515 S-
 14th St., San Jose; owner, H. H.
 Parker; contractor, Jas. Lemieux,
 57 S-6th St., San Jose.
ALTER residence into 2-part house,
 \$2500; N-Fifteenth St. near Santa
 Clara, San Jose; owner, Morgan
 Day, 58 N-15th St., San Jose; con-
 tractor, W. J. Bigger, 119 N-15th
 St., San Jose.
COTTAGE, five-room, \$2900; S-Twelfth
 St., near Virginia, San Jose; owner,
 A. A. Fay, 735 S-Second St., San
 Jose.
COTTAGE, six-room, \$7050; Fifteenth
 and San Fernando Sts., San Jose;
 owner, Peter Swansen, 101 S-16th
 St., San Jose; contractor, A. J. Niel-
 son, 156 S-20th St., San Jose.
COTTAGE, four-room, \$3000; S 14th
 near William St., San Jose; owner,
 W. F. Stone, 350 S-11th St., San
 Jose.
BUSINESS building, brick, \$1875; Mar-
 ket near Bassett St., San Jose;
 owner, The Misses Morrison, 236 N-

12th St., San Jose; contractor, Jor-
 gensen & Thomy, 160 Irving St.,
 San Jose.
REMODEL into (3) apartments, \$4800;
 No. 88 S-Seventh St., San Jose;
 owner, Mrs. N. Scorsun, 26th and
 Franklin Sts., San Jose; contractor,
 Jorgensen & Thomy, 160 Irving St.,
 San Jose.
COTTAGE, four-room, \$3000; S 15th
 near William St., San Jose; owner,
 Thomas Stone, 521 S-6th St., San
 Jose.
COTTAGE, 5-room, \$3000; Seventeenth
 near Washington St., San Jose;
 owner, C. W. O'Dell, 455 N-6th St.,
 San Jose.
RESIDENCE, 7-room, \$6000; Fifteenth
 near San Carlos St., San Jose; own-
 er, J. M. Conklin; contractor, T. J.
 Launin, 312 S-9th St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Accepted
Nov. 15, 1922—SAN JOSE. E. Maland	Nov. 15, 1922—SAN JOSE. E. Maland
to T. H. Herschbach.....Oct. 12, 1922	to T. H. Herschbach.....Oct. 12, 1922
Nov. 15, 1922—SAN JOSE. Milton	Nov. 15, 1922—SAN JOSE. Milton
Nelson to whom it may concern.....	Nelson to whom it may concern.....
Nov. 15, 1922	Nov. 15, 1922
Nov. 16, 1922—SAN JOSE. C. P. Bailey	Nov. 16, 1922—SAN JOSE. C. P. Bailey
Nov. 16, 1922—PALO ALTO. D. D.	Nov. 16, 1922—PALO ALTO. D. D.
Cornwell to whom it may concern.....	Cornwell to whom it may concern.....
Nov. 15, 1922	Nov. 15, 1922
Nov. 17, 1922—STANFORD UNIVERS-	Nov. 17, 1922—STANFORD UNIVERS-
sity, Palo Alto. The Delta Kappa	sity, Palo Alto. The Delta Kappa
Epsilon Association to A. S. Hamer-	Epsilon Association to A. S. Hamer-
ton.....Nov. 15, 1922	ton.....Nov. 15, 1922
Nov. 18, 1922—WILLOW ST., San	Nov. 18, 1922—WILLOW ST., San
Jose. C. W. Cutler to N. A. Bridges	Jose. C. W. Cutler to N. A. Bridges
.....Nov. 17, 1922	.....Nov. 17, 1922

LIENS FILED

SANTA CLARA COUNTY

Recorded	Amount
Nov. 17, 1922—LOT 83 BLK 35, Home	Nov. 17, 1922—LOT 83 BLK 35, Home
Investment Tract, San Jose. Hub-	Investment Tract, San Jose. Hub-
bard & Carmichael Bros vs A. Bar-	bard & Carmichael Bros vs A. Bar-
celona Pioli.....\$1400	celona Pioli.....\$1400
Nov. 20, 1922—LOT 13 BLK 81, Mor-	Nov. 20, 1922—LOT 13 BLK 81, Mor-
gan Hill Ranch No. 2, Morgan Hill.	gan Hill Ranch No. 2, Morgan Hill.
W. T. Owens vs W. H. Bone.....\$287.90	W. T. Owens vs W. H. Bone.....\$287.90

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2500 and Over Reported

WAREHOUSE, galvanized iron, \$14,050
 No. 1330 R St., Sacramento; owner,
 Perkins Grain Milling Co., 220 J
 St., Sacramento; contractor, J. R.
 Randall, 1055 41st St., Sacramento
DWELLING, one-story 5-room and gar-
 age, \$3500; No. 2956 42nd St., Sacra-
 mento; owner, W. J. Wright, 1121
 G St., Sacramento; contractor, E.
 E. Hough, 2969 42nd St., Sacto.
STATE PRINTERY, fireproof, \$94,800;
 No. 1030 O St., Sacramento; owner,
 State of California; contractor,
 Davison & Nicolson, 181 Jessie St.,
 San Francisco.
DWELLING, one-story 5-room and gar-
 age, \$3000; No. 3925 Y St., Sacra-
 mento; owner, H. M. Richards, 5121
 S St., Sacramento.
DWELLING, one-story 5-room, \$3500;
 No. 1618 S St., Sacramento; owner,
 M. I. Frutes, 2116 3d St., Sacto.
DWELLING, one-story 4-room, \$3500;
 No. 3800 Downey Way, Sacramento
 owner, C. J. Antonaccio, 2128 21st
 St., Sacramento; contractor, E. E.
 Sydenstucker, 1010 27th St., Sacra-
 mento.
STORE, one-story, \$15,000; No. 1220 J
 St., Sacramento; owner, Mrs. L. H.
 Glide, Berkeley; contractor, C. J.
 Hopkins, 1318 25th St., Sacramento
DWELLING, one-story 5-room, \$2800;
 No. 925 33rd St., Sacramento; own-
 er, Geo. Muddox, 2906 K St., Sacra-
 mento; contractor, Jos. Edenhofer,
 3300 2nd St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded	Amount
Nov. 15, 1922—N ½ OF W ½ LOT 8,	Nov. 15, 1922—N ½ OF W ½ LOT 8,
H. I. 27th & 28th Sts., Sacramento,	H. I. 27th & 28th Sts., Sacramento,
B. S. Berry to whom it may concern.....	B. S. Berry to whom it may concern.....
Nov. 10, 1922	Nov. 10, 1922

LIENS FILED

SACRAMENTO COUNTY

Recorded	Amount
Nov. 16, 1922—N ½ OF LOT 5, K. L.	Nov. 16, 1922—N ½ OF LOT 5, K. L.
3rd & 4th Sts., Sacramento. Friend	3rd & 4th Sts., Sacramento. Friend
& Terry Lumber Co vs Nicholas N	& Terry Lumber Co vs Nicholas N
S Mateovich et al.....\$1009.92	S Mateovich et al.....\$1009.92

LIENS FILED

SACRAMENTO COUNTY

Recorded	Amount
Nov. 18, 1922—N ½ LOT 5, K. L. 3rd	Nov. 18, 1922—N ½ LOT 5, K. L. 3rd
and 4th Sts., Sacramento. Dolan	and 4th Sts., Sacramento. Dolan
Wrecking & Constr Co vs St.	Wrecking & Constr Co vs St.
George Hotel Co.....\$1234.86	George Hotel Co.....\$1234.86
Nov. 18, 1922—LOTS 13 AND 14 BLK	Nov. 18, 1922—LOTS 13 AND 14 BLK
2, Del Paso Heights, Sacramento.	2, Del Paso Heights, Sacramento.
Western Lumber Co vs D. S. and	Western Lumber Co vs D. S. and
Maud Riker.....\$2017.95	Maud Riker.....\$2017.95

BUILDING CONTRACTS

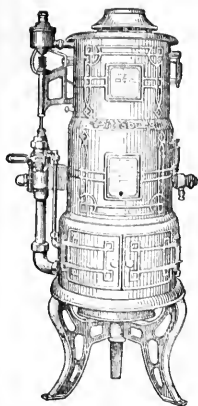
SAN MATEO COUNTY

RESIDENCE, \$4000 Prospect Row, San
 Mateo; owner, Jas. D. Crichton,
 338 El Camino Real, San Mateo;
 architect, Lumber Men's Assn.;
 contractor, Jas. D. Crichton, 338 El
 Camino Real, San Mateo.
ADDITION to frame dwelling, \$2500;
 No. 447 Arlington Road, Redwood
 City; owner, W. H. Doyse, Prem.;
 contractor, H. W. Arnold, 137
 Stratford St., Redwood City.
RESIDENCE, one-story, \$1000; N E St.,
 San Mateo; owner, G. Attiboni; con-
 tractor, D. Casetto.
BUNGALOW, \$4000; Wisnom Ave., Lot
 4, Blk 4, San Mateo; owner, J.
 Rich; contractor, E. E. Muller.
DWELLING, one-story frame, \$4000;
 Elwood St., Redwood City; owner,
 R. C. Waterman Jr.
DWELLING, one-story frame, \$1500;
 Sequia Ave., Redwood City; own-
 er, G. T. Hanley; contractor, G. T.
 Hanley.
DWELLING, \$3270; Lot 10 Blk 13, N
 Dist., San Mateo; owner, J. Desmond
 St., San Mateo; contractor, W. T.
 Croop, Homestead Ave., San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded	Accepted
Nov. 13, 1922—LOTS 6, 7, 8 and 9	Nov. 13, 1922—LOTS 6, 7, 8 and 9
Blk 4, Eastern Addition, N. E. Bur-	Blk 4, Eastern Addition, N. E. Bur-
lingame. George Lemperopoulos to	lingame. George Lemperopoulos to
whom it may concern.....Nov. 9, 1922	whom it may concern.....Nov. 9, 1922
Nov. —, 1922—LOT 20 BLK 6, Central	Nov. —, 1922—LOT 20 BLK 6, Central
Addition, San Mateo. J. J. Dinno-	Addition, San Mateo. J. J. Dinno-
son to whom it may concern. Nov. 15, 1922	son to whom it may concern. Nov. 15, 1922
Nov. 16, 1922—PTN LOT "F" BLK 7,	Nov. 16, 1922—PTN LOT "F" BLK 7,
Burlingame Terrace No. 2, Burlin-	Burlingame Terrace No. 2, Burlin-
game. Geo W Mauz to M Sorensen	game. Geo W Mauz to M Sorensen
.....Nov. 10, 1922	.....Nov. 10, 1922
Nov. 16, 1922—LOT 5 BLK 25, Eastern	Nov. 16, 1922—LOT 5 BLK 25, Eastern
Addition No. 2, Burlingame. Chri-	Addition No. 2, Burlingame. Chri-
stopher W Halliday to H A Herten-	stopher W Halliday to H A Herten-
stein.....Nov. 11, 1922	stein.....Nov. 11, 1922
Nov. 17, 1922—LOT 13 BLK 6 Sub No.	Nov. 17, 1922—LOT 13 BLK 6 Sub No.
1, Eastern, Burlingame. B Norberg	1, Eastern, Burlingame. B Norberg
& G R Godd to whom it may concern.....	& G R Godd to whom it may concern.....
Nov. 11, 1922	Nov. 11, 1922
Nov. 17, 1922—LOT "A" BLK 11 Sub	Nov. 17, 1922—LOT "A" BLK 11 Sub
No. 2, Burlingame Land Co, Bur-	No. 2, Burlingame Land Co, Bur-
lingame. Patrick F and Nora G	lingame. Patrick F and Nora G
Coyne to whom it may concern.....	Coyne to whom it may concern.....
.....Oct. 1, 1922Oct. 1, 1922



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San Francisco

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Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

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Fresno, Los Angeles & San Diego

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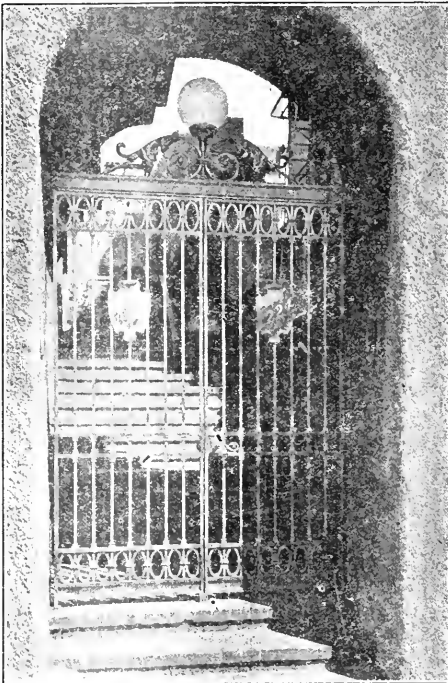
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Building & Engineering News

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Publication Office
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SAN FRANCISCO, CALIF., DECEMBER 2, 1922

Published Every Saturday
Twenty-second Year No. 48

Schumacher

Office

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*Permanence
Economy*

Wall

*Appearance
Comfort*

Warehouses

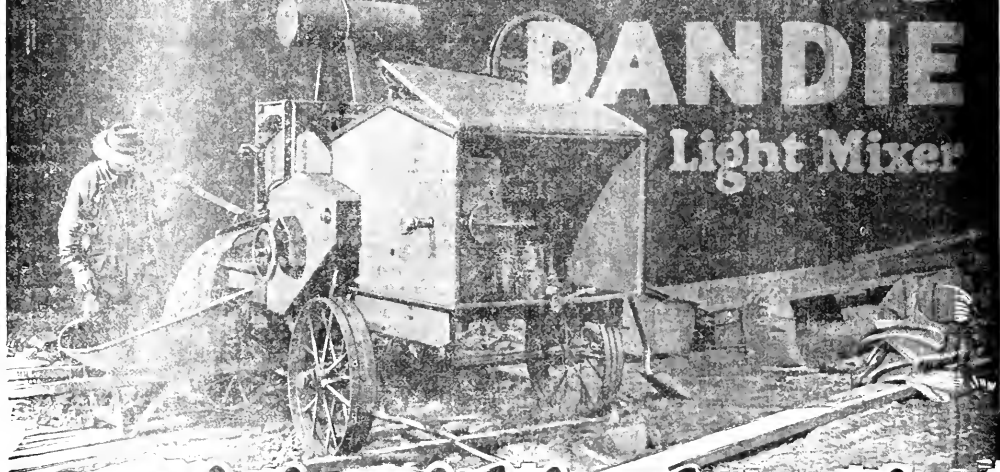
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Light Mixer



-yet it is within the price range for light mixers

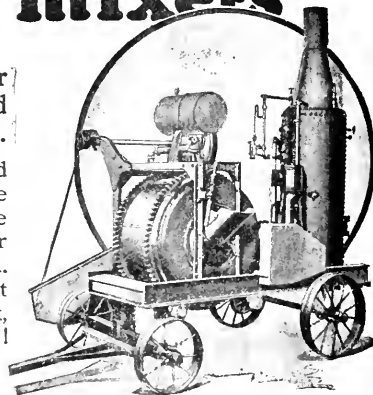
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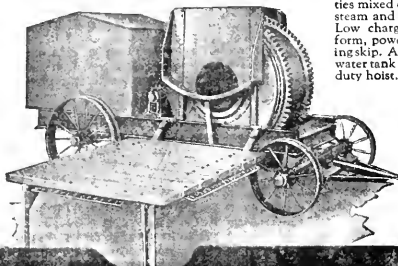
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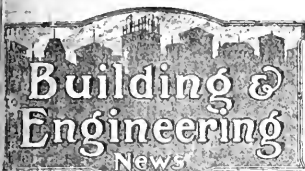
Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., DECEMBER 2 1922

Twenty-second Year No. 48



No. 560 Mission Street,
San Francisco, Calif.

MRS. L. A. LARSEN, Publisher
J. P. FARRILL, Managing Editor

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Contra Costa County Builders' Exchange

Stockton Builders' Exchange
Stockton Architects' Association
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
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MASTER PAINTERS' ASSOCIATION
HOLD LADIES' NIGHT

The annual Ladies' Night of the Master Painters Association of San Francisco was held Saturday evening November 25, at the Fairmount Hotel, San Francisco with an attendance of between 250 and 300. The affair was featured in Rainbow Lane which was elaborately decorated for the occasion.

A. D. Sutherland, president of the Association, started the evening with a brief talk on the activities of the organization, its aims and accomplishments. Following this a well selected program of entertainment and dancing was enjoyed.

A feature of the program was the "Let's Go Revue," composed of twenty accomplished kiddies under the direction of Miss Doris de Fiddes. In addition to presenting one of the most popular numbers of the evening the kiddies revue paid high tribute to President Sutherland when it appeared in painter's garb, equipped with bucket and brush and each labeled with a letter, spelled out "Sutherland."

Piano selections were rendered by Miss Helen Kiesel, "Prelude" by Rachmaninoff and "Butterfly" by Lavalley. Mrs. Fannie Goldberg offered several songs accompanied by Madame Lillian Durini.

As a souvenir of the occasion each lady was presented with a powder box. A door prize of \$26 was won by Miss Grossland, the guest of a member of the association.

Considerable credit for the success of the affair is due to Frank LaTorres, secretary of the Master Painters Association, who devoted considerable time and labor to make it the most successful event held by the organization.

STATE HIGHWAY COMMISSION ANSWERS RICHARDSON

Answering Governor-elect Richardson's charge, as given to the press, that the Highway Commission is letting contracts without having sufficient money in the bank at the present time to completely pay for each contract that is being let, the Commission has the following to say:

"There still remains unsold at the present time \$16,000,000 of State Highway bonds. These bonds are available as required.

"It has been the policy of the Highway Commission since the beginning of the work in 1912 to sell bonds from time to time as the money was needed to carry on the work and this policy is not only legal but is in line with good business practice and has saved to the State hundreds of thousands of dollars in interest charges.

To adopt the plan advocated by Richardson in his statement and sell sufficient bonds before letting a contract to completely pay for that contract notwithstanding the fact that most of the money would not be required for many months and perhaps even a year would result in subjecting the State to the payment of hundreds of thousands of dollars of unnecessary interest charges annually. It is difficult indeed to harmonize a policy of that character with a program of either efficiency or economy.

"The California Highway Commission will turn over to the Richardson administration a highway system in good condition and well maintained. The responsibility for all new construction as well as for the proper maintenance of the present system will rest solely with him and cannot be avoided or shifted.

"A splendid highway engineering organization has been built up composed of able engineers selected solely because of their engineering ability and without regard or question as to their politics. They constitute a heritage which will be invaluable to the incoming administration and it is to be hoped that the same freedom from politics in connection with the highway forces may be continued in the future.

"The Commission is carrying forward the highway work in a regular and orderly fashion and will continue to do so until the new administration takes charge. There would appear to be no real reason for stopping the work at this time nor would such procedure be for the best interests of state.

"It is to be regretted that he deems it necessary to resort to political tactics of this character. A little less politics and a little more constructive effort on his part would be in better taste and more conducive to confidence and of greater value to the state at large."

W. S. FARLEY, ENGINEERS, SUES CITY OF MARTINEZ

W. S. Farley, San Francisco consulting engineer, has filed two suits in the Superior Court at Martinez against the city of Martinez for judgements totaling \$38,616.44. The engineer claims this amount due him for preparation of plans and specifications for various improvements. He contends demand for payment has been made upon the city but his claims have not been approved.

The suit brings up as a live issue

once more Farley's contract with the city, signed on October 17, 1919, and interpretations of it by city authorities and the engineer. Farley's contract specifies that he was to receive five per cent of the estimated cost of certain improvements for preparing plans and specifications and for supervising work. City officials have long taken the stand that Farley is claiming money is due him from the city to which he is not rightfully entitled under his contract. Contention has been made he is not entitled to commission for plans that were not used.

In his suits against the city Farley temizes every improvement and contemplated improvement for which he prepared plans and specifications and included the estimated cost of the work as a basis for figuring his five per cent commission.

The suits fix the estimated cost of improvements for which Farley says he prepared plans and specifications at \$73,551. The suits admit that certain small payments have been made on some of the work.

ILLINOIS SPECIFICATIONS FOR 1923

The following circular has been addressed to all road contractors by the Illinois State Highway Department:

The attention of all contractors who propose to bid on road work advertised for letting October 31, or who propose to bid on work to be advertised at later dates, is called to the new cross-section for concrete pavements.

This cross-section provides for a thickness of nine inches, at its edges of the pavement, tapering to six inches at a distance of two feet from the edges. The remainder of the pavement is to have a uniform thickness of six inches. The amount and arrangement of reinforcement is to be made the same as that heretofore used, with the exception of the center joint material. A new design for which has been provided to correspond with the six-inch center thickness.

This new cross-section was adopted as a result of the Bates Road tests, which show conclusively that the strength of the edges of any rigid pavement, built in accordance with any design heretofore used, is much less than the strength of the interior portion of the slab.

The Bates tests disclosed the fact that a center thickness of six inches, or even perhaps five inches, is ample to support the legal load limit provided by Illinois statutes. The new cross-section takes advantage of this fact. The tests further indicate that even with a six-inch thickness for the main portion of the slab, a seven-inch edge with the three-quarter inch longitudinal bar would still not be as strong as the mid-portion of the slab. The edge thickness has, therefore, been increased.

Particular attention is called to the fact that the new cross section provides one square foot less of cross-sectional area than a slab having a seven-inch uniform thickness. This means that the new cross-section will require 19 1/2 cubic yards less of concrete per mile of pavement than the standard seven inch design heretofore used.

The department believes, therefore, that the new cross-section will provide a pavement which not only is better able to support trucks loaded to the legal limit, but will also reduce the cost per mile.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The Pacific Gas and Electric Company's water system in the city of Stockton was valued at \$1,400,000 by the railroad commission in a decision announced, settling a dispute between the city and the public utility concern as to the value of the system, which the city of Stockton is taking steps to acquire. This company declared a valuation of \$2,555,185 for its Stockton water system and the appraisals submitted the city by its engineers amounted to \$416,833 and \$1,332,736. The commission figured out that at the utility company's appraisal the net revenue for the year 1921 would have been only 165 per cent. It stated that the system did not appear to be in a particularly prosperous condition but that it had a going-concern value.

Announcement is made of the consolidation, effective November 1, of the Street Bros. Machine Works and the Patten Manufacturing Co., manufacturers of hoisting machinery, of Chattanooga, Tennessee. J. H. Street will continue as president and J. W. Burress, sales manager of the Patten Co., will continue in that capacity.

Meetings are being held in Los Angeles by those identified with the building industry to further the proposition of erecting a down town building to be occupied exclusively by organizations, firms and individuals connected with the construction industry. It is proposed to form a building association to finance the structure.

The membership of the Carpenters' union of the bay counties has increased approximately 5000 during the past six weeks, as the result of an organizing campaign conducted by Abe Muir, general organizer for the United Brotherhood and Joiners of America. It is announced by the San Francisco Building Trades Council.

Work of dredging Oakland harbor above the Harrison street bridge will be begun December 10 by the American Dredging Company, which has the contract from the Federal Government for \$1,100,000. The channel will be both deepened and widened. From a point 600 feet east of the Southern Pacific bridge up to Brooklyn basin, a distance of 4000 feet, the channel will be made 500 feet wide and 30 feet deep. From this point up to Stanford street, Alameda, a distance of 3500 feet, it will be 25 feet deep and gradually narrowed down from 500 feet at Brooklyn basin to 300 feet at the upper end.

Wm. Caplatz has sold his lime rock quarry in Santa Cruz county to F. W. Johnson, formerly of Oakland, for the Lime Rock Products Company. New machinery is to be installed and a finer grind will be produced for paint manufacture and paper filler.

A school for the training of plasterers has been established in Fresno under the guidance of J. W. Hunt, manager of the Valley Industrial Association. E. M. Woods, a teacher from Oakland, will be in charge of the classes. Twelve students have been enrolled and judging from the number of enquiries received this number will be doubled in a short time.

With sixty-four miles of drainage canals finished, approximately fifty per cent of the \$750,000 drainage plan for the Newlands project in Nevada has been completed. It was originally planned to construct 120 miles of drainage but the work has been carried forward at a lower cost than originally figured and extra laterals will be provided.

Building operations totaled \$3,300,000,000 for ten months ending November 1, and \$300,000,000 in October, according to the national building survey of H. Strauss & Co. Reports from important cities throughout the country show a great demand for residential buildings, shortage of office buildings and some demand for extensions to industrial plants and miscellaneous construction.

Following is a list of new patents issued to California inventors: F. C. Brown, Selma, lock; F. W. Grady, Niles, safety device for tools; A. Mills, Sacramento, trailer wheel for trucks; E. B. Prettyman, Porterville, camp oven; F. Rosenlof, Reedley, radiator cap; F. W. Skinner, Taft, gas burner; Wm. Sluyter, Samoa, automatic retainer.

Incorporation of the North American Lumber Manufacturing and Export Co. a \$1,000,000 concern, with 200,000,000 feet of timber available on Vancouver Island, is announced by J. S. Barstad, of Spokane. Wm. A. Shingle mill and dry kilns will be constructed at tidewater near the outlet of Nitinat lake, a salt water inlet on the southwestern corner of the island.

The Mowatt Refrigerator Co. with a capital stock of \$75,000 has filed articles of incorporation with its principal place of business as San Francisco, Directors are: J. Mowatt, Elizabeth Mowatt, H. Wintemute, H. Clancy and W. G. Harkins.

Severe and unreasonable competition has resulted in the steel business being conducted now at a loss, members of the Federal Trade Commission have been told by Judge E. H. Gary, Chairman of the Board of the U. S. Steel Corporation. "The steel business is being conducted at a loss," he says, "because it is a buyers' market and not a sellers' market."

Jos. Wesselse, president of a Los Angeles marble and tile concern, died in that city November 16th.

Articles of incorporation have been filed in Oakland by the Cooley Hardwood Manufacturing Co., capitalized at \$80,000. Directors are: R. Cooley, H. F. Basta and R. C. Ogden.

Architect A. C. Zimmerman has opened an office for the practice of architecture in room 400 San Fernando Bldg., Los Angeles, and desires samples and catalogs of building materials and appliances.

J. Sub Johnson, Dr. Gilbert B. Furness and Walter Drabnick, all of Visalia, have been chosen directors of the Visalia Implement Works, Inc., formerly known as the Dinuba Agricultural Works. The purpose of the company is to erect a plant for the manufacture of farm implements.

Lumber mills of British Columbia are almost daily refusing to quote on lumber deliveries and cuttings for January on the theory that the greatest shortage of lumber in the history of Canadian sawmills will develop in 1923. Substantiating this theory is a report from the rail sawmills of the United States. Practically every sawmill as well as the large plants from the Pacific Coast to the Atlantic Coast is bookm orders well into the spring of next year for car material. Up to November 5 nearly 50,000,000 feet of car material had been placed by the various railroads with these mills, and nearly a similar amount is being allocated for requirement.

Warning to contractors that contracts for the construction of roads entered into with the State Highway Commission for which there are no funds are illegal and will not be recognized by the incoming new administration has been issued by Governor-elect Friend W. Richardson. Richardson warning follows the issuance of a formal statement from the office of the highway commission showing an overdraft of \$290,000 on the estimate cash balance in the state highway fund which will be in the treasury December 1.

The Fair Oaks Home Building Ass'n with headquarters at Fair Oaks, Cal. has been incorporated with a capital stock of \$50,000. Directors are: Jam Tully, William A. Jones, C. E. Weikert, R. A. Rose, H. D. Thompson, B. R. Hill, J. L. Day, C. G. Thompson, W. F. Rudge and W. E. Spangle, all of Fair Oaks.

The J. A. Fay and Egan Co., of Cincinnati, Ohio, manufacturers of power working machinery has leased a building at 260 Spear St., San Francisco and are to open a salesroom and warehouse as soon as alterations are completed. The business will be under the management of Guy D. Reynolds Pacific Coast Manager. Salesmen from this office will cover six western states.

On complaint of the Radio Corporation of America, Judge W. C. Van Fleet of the Federal Court, has temporarily enjoined S. P. Brownlee, a San Rafael road contractor, from felling trees at its right of way. Damages in \$5000 are sought of Brownlee for dropping trees on the company's telegraph wires between Marchall and Bollinas, Mar. county.

The Monarch Tractors, Inc., Watertown, Wis., announces the development of a new stump puller, operated by tractor power.

E. R. Erickson and A. Ryberg have formed partnership and opened office at 408 Seaboard building, Seattle, under the name of West Coast Construction Company.

The Stedman Products Co., South Braintree, Mass., has issued an illustrated catalogue featuring the "Stedman" naturalized flooring. Copies will be furnished on request.

"Paint for Permanence" is the slogan of the Master Painters and Decorators Association of Los Angeles.

(Continued on Page 4)

ALONG THE LINE



Construction of an \$8,000,000 power plant at the Metolus power site on the Deschutes river is planned by the Bend Water, Light and Power Co., of Bend, Ore. Development of 120,000 horse power sufficient to pump water from the Deschutes for the irrigation of 85,000 acres and to afford sufficient power for large industrial use are included in the project.

The Santa Monica Brick Company is completing its new factory for the manufacture of stiff-mud, side-cut common building brick, at 23rd and Michigan Ave., Santa Monica, and reports it will be in operation about November 15, with an initial output of 50,000 brick each working day.

Ray A. Borthick, assistant chief engineer of the Los Angeles County Flood Control District, died October 10, following an operation. Mr. Borthick had been connected with the flood control district about 5 years and was in charge of construction of the Devil's Gate, San Dimas and Live Oak dams.

Articles of incorporation have been filed in Fresno by the Noel Pump & Manufacturing Co., with principal place of business at Orange Cove, Calif. The company is capitalized at \$50,000 and has as its directors: Carl F. Noel of Modesto; C. J. Noel and W. J. Noel of Orange Cove.

Directors of the Santa Rosa Lumber Co. will meet in Vallejo January 8, 1923 to consider increasing the capital stock of the company from \$75,000 to \$200,000. Julius B. Ragatz is secretary of the company.

The Serratt Motor Co., capitalized at \$100,000 has filed articles of incorporation with the County Clerk at Oakland. Directors are: Fred Kickbuch, Al Waddington, C. M. Steves and Harold G. Hinton.

A bill to exempt from taxation the cost of building a home up to \$3000 will be introduced before the state legislature when it convenes in January, Assemblyman William Hornblower of San Francisco announces.

The total cargo shipments of lumber from Puget Sound, Grays Harbor and Willapa Harbor during the month of October amounted to 158,861,444 board feet as compared with 97,747,660 board feet shipped in October, 1921.

MoRiskey Co., of San Francisco, is conferring with San Mateo Chamber of Commerce regarding the establishment of a mattress factory in that city.

Lewiston, Idaho plans the installation of a \$550,000 filtration plant, according to an announcement of E. G. Wagner, City Water Superintendent.

Gus Molms, managing secretary of the National Park to Park Highway Association, was a recent visitor in Sacramento.

Monolith Plastic Waterproof Cement

By Hans Olsen, Chemical Engineer, Monolith Portland Cement Company

Monolith Plastic Waterproof Cement is an improved Portland Cement made by the Monolith Portland Cement Company at their plant at Monolith, California, under the Olson patent of November 5, 1918.

It is in every respect a standard Portland cement; the clinker being identical with that from which regular cement is ground. As the clinker is ground to cement, a special process is used so that the resulting cement particle will almost instantly diffuse in the mixing water to form the colloidal substances from which the cement crystals reprecipitate.

It is a matter of common knowledge to cement engineers and chemists that in Portland cement only a small quantity of the particles diffuse at once on mixing with water, that the process goes on from the time of mixing until the final set takes place, and is then not complete so that a relatively large proportion of cement particles do not hydrate and therefore cannot crystallize.

As has been stated, Monolith Plastic cement is made from a high grade, standard cement clinker which is processed in grinding so that the resulting cement particle will diffuse almost at once a complete hydration of all the particles taking place during the mixing with water or within a few minutes thereafter. The total volume of colloidal matter developed in Monolith Plastic cement has been accurately determined, by micro-photography and other means, to be about twice that of regular Portland cement. To this is due the great plasticity which is one of its notable features. In reinforced concrete work this is a great advantage as a concrete of standard proportions where this cement is used can be mixed so thin that it will flow almost as readily as water without danger of precipitating any of the aggregates. It

has great toughness; a test made by Smith-Emory Company showing that in a concrete mixture of 1 to 2 1/2 to 3 1/2 the concrete made with this cement, the adhesion to a steel re-inforcing rod was about 50% greater than the concrete in which regular cement was used.

On account of its great plasticity and water-proofness this cement is being used almost exclusively for exterior plastering, as it will carry a great deal more sand than regular cement and the resulting mortar is so plastic that it works under the trowel almost like lime mortar, owing to its great toughness it does not "crazy-crack" when used in a thin coating such as floor walks, etc. It has also been shown to be very resistant to soil alkalis and sewage and is unaffected by oils, grease, soapsuds, milk and many other agencies whose destructive effects on concrete are well known.

Considering the comparatively short time (about four years) that this product has been before the public, its record is truly remarkable. It is being specified by architects and engineers on all classes of construction and its use has increased so rapidly during the last year that the Monolith Portland Cement Company, who are exclusive licensees under the Olson Patent, have had to increase their output to double their former capacity to meet the constantly growing demand.

The Monolith Company have inaugurated and are carrying on a program of exhaustive research work, which promises to develop some new and interesting conclusions concerning the chemistry of Portland cement.

In all these tests the Monolith Plastic has shown itself to be so much superior to the regular cement that the officials of the Monolith Company are convinced that eventually all Portland cements will be made by the Olson Process.

BUILDING COSTS IN 1923

Building costs, as affected by building material prices, in 1923 will be higher or lower than they are at present in proportion to the volume of forward business placed now, says the current Dow Service Daily Building Reports. If the building construction industry of the country anticipates the pending building material production jam by forward buying, prices will hold at or about present levels. Should there develop on the other hand, a tendency on the part of investors in general to await possible building material price crashes in December, January or February, the consequent overloading of building material manufacturers' capacity may be expected to put further premiums upon the basic building commodities.

Building material production capacity was nearer its national maximum of orders this year than at any time, so far as records show. Fuel and rail difficulties interposed to prevent complete filling of these orders. There is a tremendous quantity of this backed-up material ready to be shipped, but there is a car shortage of increasing dimensions that is already affecting actual construction work. On October 1 there were buildings all ready for the tenants to move into, but which could not be passed because certain equipment deliveries had been delayed.

Meantime great quantities of construction work projected last spring are now ready for basic materials.

Dealers have less than a week's supply of cement on hand, although they anticipated far back in the early summer just such conditions as now exist. They filled their yards with more basic materials than they had carried in years; and even then finishing line could not be supplied fast enough, brick was frequently unobtainable, certain lumbers were not purchasable because dealers could not get them for immediate delivery, and now cement is becoming difficult to obtain in practically every city along the Atlantic seaboard.

Building costs for 1923 are in the 1922 builders' control. If they will spread their orders for building material requirements over the winter months, so that manufacturers can make up their production schedules early and provide for sufficient capacity, prices of building materials next be kept within reasonable bounds next year. But, if a great avalanche of building material orders is hurled upon the industry after the turn of the building year, there most certainly will follow a condition where demand will so far exceed the supply that anything like price stability will be impossible.

—Boston Transcript.

South Dakota's law providing State aid for residents purchasing or building homes is held unconstitutional by the State Supreme Court. The law was passed by the 1919 session of the Legislature and provided for State loans up to \$10,000 to be amortized by the borrower.

BITUMINOUS SURFACE TRAFFIC TESTS BEGIN AT ARLINGTON

Traffic has been started on the circular track of the Bureau of Public Roads of the United States Department of Agriculture, at the Arlington Experiment Station, in the experiment to determine the cause of waving in bituminous surfaces. The track is composed of 27 sections of asphaltic concrete of different mixtures.

Before starting the traffic, profile measurements of the surface were taken with the autographic profile device especially devised for the purpose. Measurements were taken at frequent intervals and will be repeated from time to time as the tests progress in order to determine the rate of formation of inequalities in the surface.

It is also planned to study the flow of the bituminous concrete under traffic. This will be done by noting the movement of brass plugs placed in the surface both in the upper and lower portions.

At present traffic is being confined to a path $2\frac{1}{2}$ feet wider than the distance between outside edge of tires in order to obtain an accelerated test. This will also leave a space on the track for investigation under summer temperatures.

The wear test on the circular track consisting of 61 sections of concrete and located at the outside edge of the bituminous track has also been commenced. In this test concrete made of a great many different materials and mixes is being subjected to a traffic of two solid rubber-tired wheels loaded with 600 pounds per inch of width of tire or approximately that of a 5-ton truck and travelling at a speed of 20 miles per hour. The device used will be guided by wheels traveling on rails and is electrically driven, the power being transmitted to one of the wheels used to represent the traffic which will make this wheel act as the drive wheel of a truck.

On both the bituminous and the concrete wear test, traffic will run continually during working hours, but from the nature of the tests thousands of trips and a considerable period of time will be necessary before much data is secured.

ASPHALT STREETS

Philadelphia has paved within two years 75 miles of streets, chiefly with asphalt, and 19½ additional miles are nearing completion. The latter mileage is distributed on 140 streets and avenues in different parts of the city. Broad street still retains its reputation as one of the finest asphalt streets in the country. According to F. C. Dunlap, chief of the Philadelphia Bureau of Highways, an analysis of all the city's asphalt pavements indicated that more than 50 per cent are fifteen years of age, or more. The Bureau has adopted sheet asphalt and granite block as standard types for the most heavily traveled streets. In New York City, paving on all heavy traffic streets is now restricted to sheet asphalt and granite block with asphalt filler. In addition, all cuts and openings in the pavement of Fifth Avenue, are being repaired with asphaltic concrete base.

PORTLAND CEMENT STUCCO

The Portland Cement Association, 111 West Washington St., Chicago, has issued "Portland Cement Stucco," a book especially prepared for architects and builders. In addition to the many photographic illustrations of stucco-finished residences and of various types of finishes possible with stucco, it contains instructions recommended for use in the application of this material and drawings of typical construction details for stucco coverings on various types of buildings.

L. A. THIRD IN U. S. BUILDING OPERATIONS FOR OCTOBER

Los Angeles was third among the cities of the U. S. in valuation of building permits issued during the month of October, 1922, her total being nearly three and a half millions less than that of Chicago. Philadelphia was fourth with a total seven hundred thousand dollars less than that of Los Angeles. San Francisco ranked sixth, Oakland was twenty-first in line and Seattle twenty-second. Of 41 cities in the U. S. reporting a total of a million dollars or more for October, six were California cities, the best showing for any state except New York.

October building in 204 cities shows a gain of 21 per cent over the same month in 1921. The total number of permits issued in October, 1922, was 65,170 with an estimated valuation of \$214,978,138. For October, 1921, the number of permits issued in these cities was 54,086 and the estimated valuation \$178,222,030. Compared with September, the October, 1922, permits show a slight gain, 193 cities having reported permits issued during September with an estimated valuation of \$295,780,795. A notable increase in building started during October in the larger cities of the country, indicates a widespread effort to keep construction going to the fullest possible extent during the winter months when construction work has heretofore been very slack. The volume of building, measured by monetary value, for October, 1922, was nearly four times as great as that for October, 1914.

MILK FROM RICE IS NEW SAN FRANCISCO INDUSTRY

P. D. Clayton and Rafael B. Olmos announce the opening of a plant at 615-617 Laguna street, San Francisco, for the manufacture of milk from rice. The concern will be known as the Pacific Rice Products Company and will ship the product to every section of California.

P. D. Clayton, prime mover in the company, declares the product to be purely vegetable, rich in vitamins, lactose, dextrose, dextrine proteins and fats. As a beverage and as a food it is unexcelled. Its use in the making of breads, cakes, candies, etc., is unequalled. As a baby's food and food for invalids it is invaluable.

Rafael B. Olmos, in charge of the company plant, declares that rice milk is the coming of one of the greatest foods known to mankind. Its digestive and nutritive qualities can only be found in the rice kernel from which rice milk is produced, he says.

Already the Pacific Rice Products Company has received a tentative agreement from a San Francisco concern which proposes to enter into a contract for the delivery to them of 25,000 gallons of the product per day.

RANSOME CONCRETE MACHINERY CO. TO ENLARGE PLANT

An increased volume of business, particularly in the paving and small mixer fields, has necessitated a further enlargement of the Ransome Concrete Machinery Company, of Dunellen, New Jersey. Something over a year ago this concern practically doubled its floor space and the decision to erect the new building—adding a third as much more space—augurs well for their belief in not only a continuance, but an increase in present building activities. The structure, one story in height with monitor roof, will be concrete and steel and covers a ground area of nearly 10,000 square feet. Its erection will be commenced immediately.

BUILDING ACTIVITY CONTINUES IN EVERY SECTION

High costs have produced no let down in planning for building during the winter and spring. October building permits issued in 204 cities of the United States as reported to The American Contractor establish a new record for the tenth month of the year and for the tenth consecutive month hold the manifestation of coming activity high above previous levels.

Numbering 65,170 and totaling in valuation \$214,978,138, there is shown a gain of 21 per cent over the 54,086 permits issued in October, 1921, whose estimated valuation for the same 204 cities totaled \$178,222,030. In turn, the October permits of last year exceeded those of the year before by 87 per cent, and gave the first indication of the big volume of activity which was to break in the early months of this year.

Pacific Coast states report construction permits issued during October as follows:

	Oct. 1922	Oct. 1921
Seattle	\$2,249,035	\$,750,115
Tacoma	226,698	251,809
Portland	1,519,185	1,942,510
San Francisco	4,719,394	2,488,523
Oakland	2,316,833	1,245,224
Los Angeles	11,580,427	9,781,394
San Diego	800,000	1,016,373

Late advices from various centers of population of the United States would indicate that there will be as much construction reported for November as was started in October.

FOREST SERVICE BUILDS & MAINTAINS 10,984 MILES OF ROAD AND TRAILS

During the past year the Forest Service, United States Department of Agriculture, constructed 724 miles of minor roads at a cost of \$540,868 and 2959 miles of trails at a cost of \$519,429.

Three hundred and eighty miles of major roads were constructed for the Forest Service by the Bureau of Public Roads at a cost of \$4,620,326. In addition 3007 miles of major and minor projects were maintained at a cost of \$187,162, of which \$65,326 was secured from local authorities. Forty-two hundred and ninety four miles of trails were maintained at a cost of \$113,683. This represents a total expenditure for the construction of roads and trails during the year 1921 of \$6,456,694, which includes \$2,153,522 cooperative funds secured from states and counties.

Expenditures to January 1, 1922, for constructing 3729 miles of major roads total \$15,301,373, of which \$5,681,451 are cooperative funds. Likewise 4356 miles of minor roads were constructed by the Service at a cost of \$2,752,970 including \$773,922 of cooperative funds. To date \$1,917,169 have been expended in the construction and maintenance of 12,448 miles of trails. The total thus far expended upon equipment amounts to \$651,608, while \$220,134 was expended upon overhead and administration by the Bureau of Public Roads and Forest Service.

To date expenditure of \$22,216,724 for the construction of 4786 miles of roads, 6711 miles of trails and the maintenance of 3007 miles of roads and 5737 miles of trails has been made.

HUGE TELEPHONE OUTPUT

In 1921 the Western Electric Company, Inc., the manufacturing organization of the Bell System, turned out nearly 900,000 telephones. This is almost twice the entire number of telephones in the whole of Europe and, excluding Canada, Germany and Great Britain, more than the combined number in any two countries in the world. The greater part of the 900,000 telephones were used in the United States,

LUMBER CUT IN CALIFORNIA, UTAH AND NEVADA REPORTED

The total production of lumber during 1921 by California, Nevada and Utah, according to preliminary statistics released by the Department of Commerce, was 1,368,127,000 feet, which is a decrease of 8.1 per cent when compared with the cut for the preceding year. These statistics are the result of a careful canvass of the lumber and timber products industry in these states by the Bureau of the Census, Department of Commerce, and the Forest Service, United States Department of Agriculture, acting in cooperation.

The reported production of lath was 52,632,000 in 1921, compared with 37,175,000 in 1920, and 54,426,000 in 1919, and that of shingles was 121,345,000 in 1921, compared with 167,555,000 in 1920 and 192,362,000 in 1919.

The cut of redwood timber, a California product, was reported as 469,934,000 feet in 1921, compared with 176,003,000 feet in 1920, and the production of sugar pine lumber in California was 133,757,000 feet in 1921, as against 141,131,000 feet in 1920. California has produced more than 95 per cent of the total output of sugar pine lumber for the last several years.

The Forest Service reports that the decrease in the lumber cut in California and Nevada for 1921 compared with that for 1920 was due to a general business depression, many of the large mills cutting less than 50 per cent of their normal output, but that the indications are favorable for an increased cut for 1922.

MEETING CALLED OF ALL BRANCHES OF SLATE INDUSTRY

Manufacturers, producers, distributors, dealers, roofing and other contractors using slate are planning to gather in New York at the Commodore Hotel, January 25th and 26th, for the slate industry meetings to be held under the auspices of the National Slate Association. Many of the leading concerns in the industry will hold their own sales meetings with their representatives immediately before or after the dates of the sessions devoted to the industry problems. Roofing contractors and other users of slate all over the country have responded well to the need for a co-operative promotion of the use of slate and the betterment of the conditions and relations within the industry, which Secretary Hoover urged the progressive concerns of the industry to undertake at the first meeting last year. The results of the first nine months' effort have more than justified the Secretary's judgment.

R. ZELINSKY, PAINTER, BREAKS INTO PRINT

Says the San Jose News under date of Nov. 23rd:

Contractor R. Zelinsky is spreading \$3000 worth of paint and labor on the county courthouse. The contract calls for three coats of paint and Zelinsky expects to have his job finished in three weeks. Zelinsky is the largest paint contractor on the coast and he paints most of the public buildings. He works as high as 3000 painters during rush seasons and he buys his material in carload lots. His painters he pays \$5 a day and he employs mostly local painters. A painter asked for a job at the courthouse today. He said he was a \$6 a day painter. The foreman asked the man if he could do \$8 worth of work. The man said he thought he could. "Then go to work," said the foreman, "for we don't hire \$6 men."

LUMBER TRAFFIC AND ORDERS IN GAIN

According to the National Lumber Manufacturers' Association reports from eight regional lumber manufacturing associations for the week ending November 11, the lumber movement shows a rather sharp contrast to that of most recent weeks. Production fell off sharply, while shipments increased noticeably and orders gained a little. All three factors were noticeably in excess of the corresponding week of 1921.

Three hundred and ninety-four mills, as compared with a revised total of 410 for the preceding week, report a production of 229,153,806 feet, being a decrease of 18,999,886 feet. Shipments were 199,405,351 feet, a gain of 15,576,337; while orders are 205,315,006, showed a gain of 3,143,579. Shippers for these mills were 87 per cent, and orders 90 per cent of production, being a noticeable gain in shipments and orders on production, as compared with recent weeks. Of the 410 mills, 345 are in associations having established figures of normal production. For the past week this figure is 231,000,000 and relative to it, actual production was 94 per cent, shipments 81 per cent and orders 81 per cent.

AIR-STEAM MIXTURES

The Engineering Experiment Station, University of Illinois, Urbana, has issued Bulletin No. 131, "A Study of Air-Steam Mixtures."

The investigation of air-steam mixtures is the outgrowth of an investigation of the reheating of compressed air by C. R. Richards, former Director of the Engineering Experiment Station and Dean of the College of Engineering, and J. N. Vedder, Research Assistant in Mechanical Engineering, the results of which have been presented in Engineering Experiment Station Bulletin No. 130. In this earlier investigation the employment of steam as a reheating agent was found to result in an increased thermal efficiency for the mixture of air and steam, as compared with the use of either air or steam separately in an engine operating expansively. These results were such as to justify a further study of air-steam mixtures.

It is the purpose of this bulletin to treat the subject of air-steam mixtures in considerable detail both by means of a theoretical discussion and by reporting actual tests made with different proportions of air and steam at different initial air temperatures and under various load conditions. To facilitate the practical application of the results secured, the thermal properties of various mixtures are presented in the form of Mollier charts. These charts will greatly simplify the solution of problems connected with the subject. Copies of Bulletin No. 131 may be obtained without charge by addressing the Engineering Experiment Station, Urbana, Illinois.

SONOMA COUNTY ROAD FUND NEARLY EXHAUSTED

Rising costs of materials and increases in wages paid to labor are said to be responsible for the fact that Sonoma county has spent four-fifths of its 1919 bond issue of \$1,640,000, and has completed only one-half of the county highways and two-thirds of the bridges contemplated under the bond issue. Ninety-one and ninety-one hundredths miles of road have been completed or are in the building out of the 178.4 miles contemplated, and there remains but \$288,693 in the bond funds. These figures are shown in a report by County Auditor J. A. Pool.

PERFECTING ARRANGEMENTS FOR GOOD ROADS SHOW

With an organization that promises to be one hundred per cent effective in perfecting arrangements now under way, the Thirtieth American Good Roads Congress and Fourteenth National Good Roads Show to be held in Chicago, January 15th to 19th next will by far eclipse in program and attendance any good roads meeting in the world. Both events will be held under the auspices of the American Road Builders' Association, the largest and oldest good roads organization in the country. Road builders to the number of 11,000 will hold their twentieth annual convention in Chicago during the congress. Many prominent speakers will attend, including high officials of the Federal Government, several governors, hundreds of state highway officials and mayors of American and Canadian cities as well as thousands of engineers, contractors and good roads enthusiasts. It is the intention this year to separate the congress and show by holding the former at the Congress Hotel and the latter at the Chicago Coliseum. This arrangement will obviate the necessity of shutting down the operating machinery during the sessions and eliminate the noise that has proved so annoying to speakers and delegates heretofore.

NARROW BRIDGES PASSING INTO OBLIVION

It will not be many years before the old time narrow stone bridges crossing streams and ravines on State Highway Routes in Pennsylvania will have passed into oblivion and new structures, or rebuilt old ones widened to meet traffic conditions of today, will grace the highways in their stead. Motor traffic has increased so amazingly within the past few years that the Pennsylvania State Highway Department has sensed the absolute necessity and importance of wider bridge structures on its road system, which will make it possible for automobiles, trucks and other vehicles to pass each other without danger of collision.

A recent survey made by the Department shows a total of 1824 bridges less than sixty feet wide—many of which cannot carry two vehicles at the same time—that are located on roads which have been made a part of the State Highway System. Under the law trucks are permitted a width of ninety inches and, consequently, these old narrow structures constitute an ever present and serious menace to all users of the highways.

A. O' C. ANNOUNCES ELECTRICAL COURSE

Study of both direct and alternating current electricity is to be conducted by the Extension Division of the University of California in classes that meet Tuesday, December 5th, at the San Francisco Polytechnic High School, First Avenue and Frederick St. The instructor is A. L. Jordan, head of the science department of Polytechnic High.

The class in DC meets at 8:20 P. M., and the AC class meets at 7:15 P. M., on Tuesday and Friday evenings. These classes are part of a series of courses in which the whole theory and practical application of elementary electricity is studied.

The classes have not alone attracted electrical workers but salesmen in companies dealing in electrical supplies, and men connected with the electrical industry in general.

Registration for these Extension courses may be made at the San Francisco office of the Extension Division, 140 Kearny street.

HOGAN LUMBER COMPANY CLOSES DEAL ON OAKLAND INDUSTRIAL SITE

An eleven and one-half acre deal in the industrial district near Oakland's waterfront involving a purchase price of close to \$400,000 was consummated when the Hogan Lumber Co. purchased from the California Development Co. the southwest corner at First and Madison streets with a frontage of sixty feet on First street, and a depth of 100 feet, the entire block bounded by Oak, Madison, First and Second streets, and all of the property between First and Sixth streets and Oak to the Fallon street line.

The property purchased is occupied by the Western Fuel Co., Pacific Metal Products Co., Oakland Box factory, Weartax Rug Co., Sherman Paper Warehouses and the Oakland Lumber mills. Southern Pacific and Western Pacific spur tracks go through the property.

This marks one of the largest deals in the southern industrial section consummated in several years. The Hogan Lumber Co. recently figured in another important realty transaction. It purchased the Hunter wharf from D. B. Hunter. This wharf, located on the south side of the estuary east of Webster street, has a frontage of 280 feet. Tilden is now having this property bulkheaded and brought up to grade. Due to the growth of the lumber company this property will be used as a storage yard.

TREMENDOUS ROAD PROGRAM IN THE SOUTHERN STATES

Southern states have embarked upon a road building program involving the construction of several thousand miles of new hard surfaced roads, most of which will be of asphalt. Florida, Texas, North Carolina, Tennessee and Missouri, especially, are building great stretches of asphalt roads.

The extent to which Southern states are appropriating money for highway construction is reflected in statistics compiled by the Asphalt Association, New York, which show that during the first eight months of the present year 343 bond issues amounting to \$86,436,650 have been sold in the 16 Southern states and the funds made available for road construction. Bonds sold in each state were as follows: Alabama, \$4,830,000; Arkansas, \$2,670,000; Florida, \$6,026,000; Georgia, \$2,906,000; Kentucky, \$1,192,000; Louisiana, \$3,786,500; Maryland, 2,319,000; Mississippi, \$1,821,000; Missouri, \$1,846,000; North Carolina, \$25,292,500; Oklahoma, \$1,073,000; South Carolina, \$3,262,000; Tennessee, \$2,034,000; Texas, \$25,436,750; Virginia, \$1,390,000; and West Virginia, \$681,000.

BANKING HIGHWAYS AT CURVES

According to a recent announcement from the offices of the Permanent International Association of Road Congresses in Paris the British Ministry of Transport has directed its divisional road engineers, to see that local officials in constructing highways in England, allow for super-elevation of roadways on corner curves whenever desirable. The action was taken following investigation and recommendations by the British Roads Improvement Association which pointed out the benefits to be gained through banking at sharp curves in the way of safety to traffic. In the event of two vehicles meeting at a curve, it was declared, they could be maneuvered on a banked curve with more certainty and less risk of skidding. It was also declared that there would be much less wear upon the pavement. French road engineers long ago adopted the banked curve and in some parts of the United States they are now in use.

The Observer.

(Continued from Page 4)

January 16 is the date set by the Chico city trustees to decide the question of issuing bonds of \$475,000 to purchase and improve privately owned water companies, to operate as municipal system.

Martin Products Co., manufacturing automobile accessories, have moved quarters at 45th and Holden streets, Emeryville. Company will specialize in the manufacture of "Greaseasy cart-ridges" for use in greasing automobiles.

The Rogers Una Drive Motor Truck Co., of Sunnyvale, Calif., is conferring with the Fresno Chamber of Commerce regarding the establishment of a plant in that city for the manufacture of motor trucks.

W. Harris has started a private school for instruction day and night in bricklaying and plastering at 313 S. Figueroa St., Los Angeles. He expects to employ students in contracting work.

Application for dissolution of the Concrete Pipe & Construction Co. of Riverside, has been filed in the office of the Clerk of Riverside county. The directors of the company are David Ormand, N. M. Ball and H. A. Lubking.

The New York Mason Builders' Assn., has issued a lockout order to its 123 members ordering them to pay off all bricklayers employed by them, effective November 28. The lockout is a protest against the bricklayers refusal to work with independent laborers. The lockout, officials say, will affect 60,000 workers in the building trades in the Metropolitan district immediately and will render idle another 65,000 within a month. About \$100,000,000 in construction work in the Metropolitan area may be tied up through the order.

A new list of inspected electrical appliances has been issued by the Underwriters Laboratories, Chicago. These lists of apparatus and materials of merit for use in the construction of buildings are published under the supervision of the National Board of Fire Underwriters, 76 William street, New York City, and are intended for the information of the public.

W. E. Talbert, general contractor, of Monrovia, has opened an office at 212 American National Bank Bldg., and a show room at 109 W. Orange Ave., Monrovia. He desires trade catalogs and circulars. The office is in charge of an estimator who has been employed for a number of years with a leading Los Angeles firm.

Funds to construct a 300 by 600 feet addition to the Municipal Auditorium will be provided in the 1923 budget according to Albert E. Carter, Public Works commissioner of Oakland.

The Wheeler Company has succeeded to the business of the Edgar T. Wheeler Company, founded by the late Edgar T. Wheeler. C. W. Resnaw is president of the reorganized company; R. V. Leeson is vice president and chief engineer and L. E. Wheeler is secretary. The company will maintain offices at 207-S Los Angeles Railway Bldg., Los Angeles, and will specialize, as heretofore, in general engineering construction, giving particular attention to bridges and similar work.

Charles G. Huber, of Seattle, was elected manager of the Benton-Franklin Intercounty Bridge Company, at a meeting held by the trustees at Walla Walla, Wash., recently.

C. E. Kimball, electrical engineer for the California Industrial Accident Commission, has been named the official California representative upon the committee on lighting legislation of the Illuminating Engineering Society, with headquarters in New York City.

The California Gas Radio Co., 1533 Clay St., Oakland, has been incorporated. The company is capitalized at \$100,000. Directors are H. S. Harris, Walter E. Hettman and H. C. Schroeder.

Election will be held in Modesto December 19 to authorize the issuance of bonds in the sum of \$175,000 to finance school improvements.

Sacramento Pipe Works, 7th and R streets, Sacramento, plans erection of new plant in vicinity of 16th and B streets. Two structures will be erected, each being 148 by 230 feet.

Architect Leonard L. Jones has opened offices at 602-603 Grosse Building, Los Angeles, and desires catalogs and samples of building materials and appliances.

E. L. Macabee, manager of the Hunt Bros. Packing Co., of Hayward, Cal., backs movement to establish a cold storage plant in that city.

Tulare County supervisors planning the purchase of five blocks of city property on which it is proposed to erect a million dollar courthouse.

The Red River Lumber Co. has filed with the county clerk at Redding, Cal., an amendment to its articles of incorporation providing that the company may borrow money to a limit of \$6,000,000, if it chooses to do so.

Pasadena will vote on December 5, the question of issuing bonds of \$500,000 to secure a system of bus transportation and storage and repair shops.

For the purpose of manufacturing and marketing high speed rotatable tools, the Electric Screwdriver Tool Co., Inc., will erect a factory in Oakland.

F. W. McCarten, for the last six years assistant engineer for the Modesto Irrigation District, has been named Modesto city engineer, succeeding George Freitas, resigned.

Tyre Bros. Glass Co., 1314 Broadway, Fresno, will occupy a one-story brick and concrete warehouse to be erected in that city by Trewhitt-Shields. The building will cover an area of 130 by 150 feet.

Union Construction Co., engineering contractors of Oakland, have opened an office at 1025 Van Nuys Bldg., Los Angeles.

The Blue Diamond Materials Co. has opened a limestone plant at Tehachapi, California.

The selection of Frank R. Goodman, of Flagstaff, Ariz., for the post of state engineer to succeed Thomas Maddock, is announced by Governor-elect Hunt, of Arizona. This position pays \$6000 a year.

C. M. Wood, chief engineer for the South San Joaquin Irrigation District has tendered his resignation, effective January 1.

Mr. H. P. Usher, President of the Smith-Blough-Usher Company, has made San Francisco his place of residence and in the future will maintain his permanent business headquarters at the San Francisco office of the company, 50 Fremont street.

Building News Section

APARTMENT HOUSES

Contract Awarded.

APARTMENTS Cost, \$18,000
OAKLAND, Alameda Co., Cal. N E-14th St. 50 E 40th Ave.
 Two-story 12-room tile store and apartment building.
 Owner—Robt. D. Davies.
 Architect—None.
 Contractor—Marshall & Burks, Bacon Bldg., Oakland.

Contract Awarded.

APARTMENTS Cost, \$25,000
OAKLAND, Alameda Co., Cal. E Lagunitas Ave. 100 S Perry St.
 Three-story frame apartments.
 Owner—Feingegen Bros., 522 7th St., Oakland.
 Architect—None.
 Contractor—A. Lochhead, 141 8th St., Oakland.

Contract Awarded.

APARTMENTS Cost, \$18,000
OAKLAND, Alameda Co., Cal. E Broadway 125 N 41st St.
 Three-story frame apartments.
 Owner—Wm. Oszdorff, 282 Ridgeway, Oakland.
 Architect—None.
 Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland.

Contract Awarded.

APARTMENTS Cost, \$15,000
OAKLAND, N E 55th & Grove Sts.
 Two-story 16-room brick apartments.
 Owner—W. E. Withers, 833 55th St. Okd.
 Contractor—Murphy & Hamilton, 825 Santa Fe Ave., Berkeley.

To Be Done By Day's Work.

STORE & APTS. Cost \$16,000
OAKLAND, W Telegraph Ave. 140 N Alcatraz.
 Two-story 30-room frame store and apartments.
 Owner—R. H. Bradshaw, 6429 Telegraph Ave., Oakland.

Contract Awarded.

APTS & GARAGE Cost, \$24,500
E Lakeshore Ave. 50 N Beacon.
 Three-story 18-room apts. & garage.
 Owner—J. J. Brannan, 488 12th St. Okd.
 Architect—Schirmer-Bugbee & Co., Thayer Bldg., Oakland.
 Contractor—Harry Knight, 388 12th St. Oakland.

Contract Awarded.

APARTMENTS Cost, \$13,000
OAKLAND, E 1st Ave. 35 N E-15th St.
 Two-story 12-room apartments.
 Owner—Walter Larkin.
 Contractor—California Builders, 1534 Franklin St., Oakland.

Contract Awarded.

APARTMENTS Cost, \$10,000
OAKLAND, N 40th St. 100 W West St.
 Two-story 12-room frame apartments.
 Owner—L. R. Becker.
 Contractor—California Builders, 1534 Franklin St., Oakland.

Owner To Take Sub-figures Shortly.

APARTMENTS Cost, \$50,000
SAN FRANCISCO, N Powell 100 S Pine Street.
 Six-story and basement class C 12 apts.
 Owner—Herman Hogrefe, 625 Powell St.
 Architect—Edw. E. Young, 251 Kearny Street.

Contract Awarded.

APT. HOUSE Cost, \$20,000
OAKLAND, Alameda Co., Cal. 35th & Grove Streets.
 Two-story class C brick store and apt. house.
 Owner—W. G. Witter.
 Architect—Hutchinson & Mills, 1214 Webster St., Oakland.
 Contractor—M. F. Hamilton, 825 Santa Fe Ave., Berkeley.

Plans Being Figured.

APARTMENTS Cost, \$75,000
LOS ANGELES, Los Angeles Co., Cal. No. 822 S-Parkview Ave.
 Three-story frame apartments (30 apts.)
 Owner—O. A. Brown & Co.
 Architect—J. J. Donnellan, Lissner Bldg., Los Angeles.

Plans Being Prepared.

APARTMENTS Cost, \$—
SAN FRANCISCO.
 Three-story frame apartment house (24 2 and 3 room apts.)
 Owner—Withheld.
 Architect—R. R. Irvine, 507 Call Bldg., San Francisco.

Plans Being Prepared.

BUNGALOW COURT Cost, \$35,000
OAKLAND, Grand Ave. and Rose St.
 Frame and stucco bungalow court.
 Owner—Mrs. S. Roberts, 139 22nd Ave., San Francisco.
 Architect—W. E. Schirmer, Thayer Bldg., Oakland.

Sub-Figures Being Taken by Owner—

To Be Done By Day's Work.
APARTMENTS Cost, \$50,000
SAN FRANCISCO, S O'Farrell 87-6 W Hyde.
 Four-story and basement reinforced concrete (82) apartments.
 Owner—Percy D. Tyler, 1458 Cabrillo St.
 Architect—Woodworth, Wethered, 755 Mission Street.

Plans Completed.

APT. HOUSE Cost, \$50,000
OAKLAND, Claremont Ave.
 Three-story frame and stucco apartment house (15 3-room apts.)
 Owner—Fred Adams.
 Architect—W. E. Schirmer, Thayer Bldg., Oakland.

Plans Being Prepared.

APARTMENTS Cost, \$200,000
LOS ANGELES, Los Angeles Co., Cal. NE Bonnie Brae and Orange Sts.
 Four-story Class A apartment house, 115 rooms.
 Owner—O. A. Brown & Co.
 Architect—Allen & Hillier, Union Bk. Bldg., Los Angeles.

Contract Awarded.

APT. HOUSE Cost, \$125,000
LOS ANGELES, L. A. Co., Cal., Gower St. and Franklin Ave.
 Three-story class C apt. house bldg.
 Owner—C. A. Keeler.
 Architect—Monaco & Bordeaux, Bank of Italy Bldg., Los Angeles, Cal.
 Contractor—Richardson Bldg. & Eng. Co., Story Bldg., Los Angeles.

Plans Being Completed.

APARTMENTS Cost, \$35,000
SAN FRANCISCO, Fillmore Street near California St.
 Three-story and basement frame and stucco apartment house (2, 3, and 4-room apts.)
 Owner—Withheld.
 Architect—Allen & J. Fabre, 110 Sutter Street, San Francisco.

Note—Plans are being enlarged as the owner has purchased the adjoining lot.

Plans Completed.

APT. HOUSE Cost, \$80,000
LOS ANGELES, L. A. Co., Cal., N E MacArthur and Bixel Sts.
 Three-story frame apt. house 138x100, 113 rooms, 50 apartments.
 Owner—Dr. D. E. Foster.
 Architect—W. S. Haggard, Fay Bldg., Los Angeles.

Contract Awarded.

APARTMENTS Cost, \$14,000
OAKLAND, N W E-15th St. and 4th Av.
 Alterations and additions to apts.
 Owner—L. Nathanson, 350 E-15th St., Oakland.
 Contractor—F. E. Stanley, 1748 23rd Ave., Oakland.

Grading Bids Being Taken.

APT. HOUSE Cost, \$200,000
SAN FRANCISCO, N Market B. Gough.
 Six-story class C reinforced concrete market and apt. house (40 2 and 3 room apartments).

Owner—Jas. B. Gaffney and Raymond A. Luce, of the Daylight Market.
 Architect—Walter C. Falch, Hearst Bldg., San Francisco.

Bids on the balance of the work will be taken in two weeks.

LOS ANGELES, Cal.—M. A. and D. A. Hamburger, proprietors of Hamburger's Dept. Store, contemplate the erection of a 12-story class A apt. house on the east side of Hill St. bet. 14th and 15th Sts., L. A. The site is 120x150 ft. and the bldg. will contain about 150 apts. An archt. has not yet been selected.

SEATTLE, Wn.—Puget Sound Bridge and Dredging Co., Seattle, will commence construction immediately on \$550,000, 6-story and basement, masonry and steel, apartment house at University Way and 47th St., for the Corinne Simpson Wilson Co. Will contain 99 apartments of one to five rooms each, with bath and kitchenette. Frank H. Fowler, Central Bldg., Seattle, architect and engineer.

BANKS

EUREKA, Humboldt Co., Cal.—Until Dec. 12, 2 p. m., bids will be received by Fred M. Kay, county clerk, to furnish and install burglar proof door in vault of county treasurer's office. Cert. check 5% required with each bid. Spec. on file in office of county clerk.

BONDS

PIEDMONT, Alameda Co., Cal.—Election will be held Dec. 15 in Piedmont School District to vote bonds of \$240,000 for school improvements. Trustees of district are: H. D. Bellis, Walter S. Drann and Harriet A. Haas, clerk. W. H. Weeks, 369 Pine Street, is the architect.

MODESTO, Stanislaus Co., Cal.—Dec. 15 is date set to vote bonds of \$175,000 to construct new grammar school or additions to standing buildings. W. H. Weeks, architect, 369 Pine St., San Francisco, is conferring with school board regarding issue.

CHICO, Butte Co., Cal.—January 16 is date set by city trustees to vote bonds of \$475,000 to finance purchase and improve systems of Chico Water Supply Co., Chico Water Supply Co., and Vacino Water Company. About \$100,000 will be used in financing improvements. F. S. Robinson, city eng.

LOS ANGELES, Cal.—City council adopts ordinances calling special elections Jan. 23 for water distributing systems as follows: \$100,000 in Angeles Mesa dist. (Municipal Imp. Dist. No. 14), and \$200,000 for the Palms dist. (Municipal Imp. Dist. No. 18). A special election will be held Dec. 12, in Sawtelle district, to vote a \$250,000 bond issue for a distributing system.

pervisors will open bids Dec. 12 for the purchase of the \$67,000 bond issue of the Healdsburg Elementary School District; proceeds to finance school improvements.

CROCKETT, Contra Costa Co., Cal.—Election will be held Dec. 15 in Carquinez School District to vote bonds of \$240,000 to finance construction of new school. Trustees of district are: J. H. Martin, F. A. Wenn and J. C. Anderson, A. B. Brown, 120 Market St., S. F., is the architect.

HANFORD, Kings Co., Cal.—Bonds of \$8000 voted in Rustic School District to finance construction of one classroom with auditorium school.

SANTA ROSA, Sonoma Co., Cal.—County supervisors reject the bid of the Bank of Italy for the purchase of the Santa Rosa high school bonds due to the fact that the bank accepted the issue with the assurance of the supervisors that the issue was legal. New bids will be asked. Plans for the proposed school to be financed through the issue have been prepared by Architect W. H. Weeks, 363 Pine St., San Francisco.

TULARE, Tulare Co., Cal.—Election will be held Dec. 2 to vote bonds of \$100,000 to construct intermediate school and additions to primary building. W. H. Weeks, architect, 363 Pine St., San Francisco, will prepare plans.

LODI, San Joaquin Co., Cal.—Election will be held December 19 to vote bonds of \$100,000 to finance construction of new sewage disposal plant. L. F. Brazellotti, city engineer.

LOMPOC, Cal.—The \$30,000 bond issue to purchase the Lompoc Light & Power plant carried at the recent election.

PIEDMONT, Alameda Co., Cal.—Election will be held Dec. 15 in Piedmont High School District to vote bonds of \$60,000 to finance additions to high school. Trustees of district are H. D. Bells, Walter S. Brann and Harriet A. Binas, clerk. W. H. Weeks, 359 Pine St., S. F., is the architect.

TACOMA, Wash.—School Board plans to call election to vote bonds of \$2,000,000 to finance construction of new schools and additions to present structures.

CHURCHES

Plans Being Figured Cost, \$70,000.
CHURCH
LOS ANGELES, Los Angeles Co., Cal.
15th and Georgia Streets.
One-story and basement frame and plaster church with tile roof, 94x102.
Owner—Gospel Tabernacle Church.
Architect—Arthur G. Lindsey, Wright & Callender Bldg., Los Angeles.

VISALIA, Tulare Co., Cal.—Church of St. Ed. Rev. E. E. Cully, pastor, will campaign for \$12,500 to finance construction of new church.

ASTORIA, Ore.—Arch. Geo. Durham, Northwestern Bank Bldg., Portland, has prepared plans for First Church of Christ Scientist to be erected here. Brick and concrete construction, seating 350; est. cost \$25,000. Excavation contract has been let to Ostrom Const. Co., of Astoria.

LODI, San Joaquin Co., Cal.—Until December 11, bids will be received by St. Peter's Lutheran Church to construct new church building. Plans on file at Uneda Creamery, 45 N-Sacramento St., Lodi.

LOS ANGELES, L. A. Co., Cal.—Archts. Johnson, Kaufman & Coate, 60x Union Bank Bldg., L. A., have completed plans and are taking bids for erecting the Cathedral and parish house for St. Paul's Pro-Cathedral on Figueroa St., bet. 6th and Orange Sts., L. A. Brick constr., structural steel, stucco and Tufa stone exter., clay tile and comp. rfg., etc., \$400,000.

FRESNO, Fresno Co., Cal.—Methodist Episcopal Church, Rev. E. E. Marshall pastor, has had preliminary plans prepared for a new church. Building committee will be appointed shortly to outline plans for financing.

FACTORIES & WAREHOUSES

Low Bidder On Concrete Work.
WAREHOUSE Cost, \$100,000.
SAN FRANCISCO, N. E. 8th and Natoma Streets.

Two-story and basement reinforced concrete showrooms and wharf (flat slab construction).
Owner—Tailor Investment Co.
Lesses—Gen. H. Tay Co., 2nd and Mission Street.

Alfred H. Vogt, 185 Stevenson St., submitted the lowest bid for the concrete work. The reinforcing steel contract was awarded to Badt-Falk Co., Call Bldg.

Contract Awarded.
ADDITION Cost, \$100,000 to \$150,000.
STOCKTON, San Joaquin Co., Cal.
Church Street bet. McDougall and Stockton Streets.
Reinforced concrete and brick factory additions.
Owner—National Paper Products Co.
Architect & Contractor—Davis-Heller-Pearce Co., Delta Bldg., Stockton.

Contract Awarded. Cost, \$24,000.
LOFT BUILDING
OAKLAND, N. 3rd St. 100 E Broadway.
Two-story brick loft building.
Owner—Hyman Davis, 1503 Oak St., Oakland.
Contractor—H. J. Christensen, 505 17th St., Oakland.

Sub-contracts Awarded.
CANNERY BLDGS. Cost, \$150,000.
ISLETON, Sacramento Co., Cal.
One-story cannery building (frame wall, concrete floors) main bldg. 100x250; warehouse 30x120; wharf 36x200; can house 30x74 and hoiler-room bldg., about 30 cottages and apartments to house 200 families.
Owner—J. P. Butts Co., 2 Pine St., S. F.
Architect—Washington J. Miller, 417 Market St., San Francisco.

Dredging awarded to Olympic Dredging Company.
Grading to Harry Ogden, Sacramento.
Machinery to Anderson-Barngrover Co.
Holler Contract to R. C. Porter, 1 Drumm Street.
Other contracts will be awarded Saturday.

This company is a subsidiary of the Warrington-Duff Co., 2 Pine St.

Contract Awarded. Cost, \$15,000.
FACTORY
OAKLAND, E. 24th Ave. 80 N. E-12th
Three-story factory.
Owner—Art Rattan Works, 475 Sutter St., San Francisco.
Contractor—C. E. Ferreira, 475 Sutter St., San Francisco.



Tulare City, Nov. 30, 1922.

"CLARENCE SAND Pratt is here.
EATING TULARE corned turkey.
AND HOME-MADE mince pies.
AND ALL it cost Clarence.
IS HIS car fare.
TO TULARE and return.
FOR SANDY (alias Clarence) Pratt.
President.
OF THE Pratt Building Material Co.
DUNGLAS 300—"easy to remember."
HAS A brother here.
HE DID not follow.
IN THE sand business.
AND SHIP clean, sharp sand.
LIKE CLARENCE Sand Pratt.
ALIAS SANDY Pratt.
BUT DRIETED into the lumber game.
SELLING TWO-BY-FOURS.
RUSTIC LUMBER and everything.
HE SAYS.
PEOPLE "PINE" to buy from him.
AND MOST of his doors.
ARE "A jar" (ajar).
SANDY PRATT never could.
SEE THROUGH his glass.
AND HIS nails.
NEVER "DRIVE" home.
SANDY NEVER saw his board walk.

BUT REDWOOD (red would).
BUT THERE is a great difference.
IN CHILDREN.
OF THE same family.
THIS LUMBERMAN brother of mine.
SELLS STICKS, knots and all.
BUT SANDY Pratt.
WASHES and screens.
ALL THE knots, sticks, etc.
FROM HIS sand.
BEFORE IT is shipped.
TO DIFFERENT points in California.
"I THANK you."



Country school house in Tulare County where Clarence Sand Pratt, President of the Pratt Building Material Co., and producer of clean, sharp sand, taught school when he was 19 years old. The clerk of this same school, at the request of the judge, spent 20 years in San Quentin for stealing hogs. No one ever blamed Clarence because the school clerk stole

Plans Being Prepared. Cost, \$—
PACKING PLANT
 SAN FRANCISCO, N W Howard and Mary Streets.
 One-story reinforced concrete loft building, 47x160.
Owner—A. Myer, Foxcroft Building.
Architect—Sam Lightner Hyman, Foxcroft Building.

Plans Being Prepared. Cost, \$—
PACKING PLANT
 SAN FRANCISCO, N Townsend St. E Fifth St., 91-8x120.
 Two-story reinforced concrete packing plant.
Owner—Roth, Winter & Walsh.
Architect—Ward & Blohme, 454 California St., San Francisco.

Contract Awarded. Cost, \$—
WAREHOUSE
 BENICIA, Solano Co., Cal.
 One-story frame and galvanized iron warehouse, 60x160, pile foundation.
Owner—G. W. Hume Co.
Contractor—None.
Contractor—J. Pattison, 925 The Alameda, Berkeley.

Plans Being Prepared. Cost, \$—
WAREHOUSE
 FRESNO, Fresno Co., Cal., J and Los Angeles Streets.
 One-story concrete and brick warehouse 130x150 ft.
Owners & Engineers—Trewitt-Shields Co., Lowell Bldg., Fresno, Calif.
NOTE—Structure will be leased to Tyre Bros Glass Co., 1314 Broadway, F.

Contract Awarded. Cost, \$150,000
CANNERY BLDGS.
 SACRAMENTO, Cal.
 One-story cannery building (frame wall, concrete floors) main bldg., 190x260, warehouse, 80x120, what 30x100, can house 30x70 and boiler-room bldg., about 30 cottages and apartments to house 200 families.
Owner—J. F. Duttis Co., 2 Pine St., S.F.
Architect—Washington J. Miller, 417 Market St., San Francisco.
 This company is a subsidiary of the Warrington-Duff Co., 2 Pine St.
 The cannery building has been awarded to Davidson & Nicholsen, 150 Jessie St., S. F. and Stockton. Contract price approx. \$35,000.

Sub-Contracts Awarded. Cost, \$250,000
FACTORY
 OAKLAND, Alameda Co., Cal. W Harrison St., from 8th to 9th Sts.
 Three-story steel frame reinforced concrete factory building (terra cotta facing).
Owner—Hebern Electric Co., Inc.
Architects—Reed & Corlett, Oakland
Bank of America Bldg., Oakland.
Contractor—P. J. Walker Co., Monadnock Bldg., San Francisco.
 (43206) 1st report Aug. 9; 3rd report Sept. 30, 1922.
 The terra cotta has been awarded to the Union Constr. Co. of Oakland.
 Bids will be taken shortly by the Walker Co. for the electrical work, plumbing, heating, painting, etc.

Plans Being Figured. Cost, \$10,000
BUILDING
 SAN FRANCISCO, S Natoma St., bet. Third and Fourth.
 One-story and basement reinforced concrete industrial building.
Owner—Daniel O'Neill, 273 Minna St.
Architect—J. E. Krafft & Son, Phelan Building.

Contract Awarded on a Percentage Basis.
PACKING PLANT
 SAN FRANCISCO, N Townsend St. E Fifth St., 91-8x120.
 Two-story reinforced concrete packing plant.
Owner—Roth, Winter & Walsh.
Architect—Ward & Blohme, 454 California St., San Francisco.
Contractor—Barrett & Hill, 918 Harrison St., S. F.

LOS ANGELES, Cal.—Union Ice Co., of San Francisco, has applied to the Harbor Board for permit to erect a 30-ton ice plant on Morano Island, L. A. Harbor, according to Edgar McKee, president of the Harbor Board. Plans were prepared in the company's engineering department. The Gay Eng. Co., of L. A., has the contract.

TAFT, Kern Co., Cal.—Until Dec. 15, 5 p. m., bids will be received by Peter Cornelius, clerk Conley School District, to install refrigerating plant in connection with Conley grammar school. Plans obtainable from Trewitt-Shields, Rowell Bldg., Fresno. See call for bids under official proposal section in this issue.

LINCOLN, Placer Co., Cal.—Gladding, McBean & Co. is erecting a large steel structure, eight by ninety feet, on the west side of the main buildings, to be used for clay storage.

PORTERVILLE, Tulare Co., Cal.—The Acme Ice Cream Co., 1313 Sansome St., San Francisco, have purchased a creamery in Porterville and will alter and make additions for a modern ice cream plant. The improvements will not be made until Spring.

EUREKA, Nevada.—The Eureka Smelting and Mining Co., will construct a 2500-ton capacity smelter at a cost of \$1,000,000, according to announcement of F. L. Torres, president of the company, now in New York. Plans have been prepared by F. Garrison, New York mining engineer.

SACRAMENTO, Cal.—Sacramento Pipe Works, R. St., bet. 7th and 8th Sts., has had plans prepared for a new plant to be erected in the vicinity of 16th and B Streets. The structures are to be erected, each 145½ by 230 ft. Erection of the building depends upon the location of a spur track to handle shipments from the plant.

SEATTLE, Wash.—Puget Sound Lumber & Box Co., 1201 Northlake Ave., Seattle, will construct by day labor a \$30,000 frame box factory and warehouse, 225 by 73 ft. with wing 130 by 70 ft. Plans by Allis-Chalmers Mfg. Co. engineers.

SANTA CLARA, Santa Clara Co., Cal.—Large canning and packing plant will be erected in Santa Clara, according to Thos. A. Goodrick, promotion agent for the Southern Pacific Co., at San Jose. Name of company is withheld pending negotiations.

LONG BEACH, Cal.—Blue Tank Pipe Line & Refinery Co. of Long Beach, has completed the purchase of a 1½-acre tract in Wilmington as a site for a refinery and pipe line base. Est. cost, \$300,000. The company owns wells in Signal Hill and will construct a 12-mi. pipe line of 6½ in. dia. from the central storage farm to the new refinery.

SANTA ANA, Cal.—Shell Oil Co. of California, plans to establish a gas and oil storage plant and distributing station on the Santa Fe right of way. The plant which will comprise offices, warehouses, garages, etc. will have a storage capacity of approx. 100,000 bbls.

SAN FRANCISCO—Chas. M. Schwab, steel magnate and chairman of the Bethlehem Shipbuilding Corporation, will arrive in this city shortly to investigate conditions with a view to establishing a huge plant for the construction of Diesel engines. The plant will be located at Hunter's Point or in the vicinity of the Bethlehem plant at Alameda.

WATSONVILLE, Santa Cruz Co., Cal.—Gardner & Maginn will reconstruct their dryer destroyed by fire recently. It will be built bigger and as modern and fireproof as such structures can be built.

FLATS

Contract Awarded. Cost, \$10,500
FLATS
 SAN FRANCISCO, W Guerrero 65 S 18th.

Two-story & basement frame (2) flats. **Owner**—Rilla Kearns Mayer and Chas. Herold.

Contractor—Thos. F. Mitchell & Son, 1370 Utah St.

Sub-figures Being Taken.

FLAT BLDG. Cost, \$10,000 ea.
 SAN FRANCISCO, N Oak 87-6 and 112-6 W Scott.

Two 2-story and basement frame flat bldgs., (2 flats each).
Owner—Percy D. Tyler, 1438 Cabrillo St

Contract Awarded. Cost, \$14,000
FLATS
 SAN FRANCISCO, S W Clayton & Fulton Streets.
 Two-story frame flats.
Owner—Dr. Howard J. Sand, 2221 Larkin Street.
Architect—Al. W. Morrison, 618 Sharon Building.
Contractor—Frank Smith, 2230 17th Ave., Oakland.

Contract Awarded. Cost, \$18,000
FLATS
 SAN FRANCISCO N E Hyde and Delgado.

Three-story and basement frame and stucco flat and store building (2 5-room flats and 1 store).
Owner—L. J. Devout.
Architect—Albert J. Fabre, 110 Sutter St., San Francisco.
Contractor—W. J. Stevens.
 Note—This contract does not include light fixtures, shades, furnish hardware, etc.

Plans Being Figured. Cost, \$16,000
FLATS
 SAN FRANCISCO, 10th Ave.
 Two-story frame and plaster flat building (2 6-room flats and garage in basement).
Owner—Withfield.
Architect—Albert J. Fabre, 110 Sutter St., San Francisco.

GARAGES

Plans Being Prepared. Cost, \$25,000
GARAGE, ETC.
 BERKELEY, Alameda Co., Cal. Center St. W Shattuck Ave.
 One-story reinforced concrete store and garage.
Owner—L. W. Hink.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.

GOVERNMENT WORK AND SUPPLIES

Plans to Be Prepared. Cost, \$—
POST OFFICE
 TRACY, San Joaquin Co., Cal. Central Avenue.
 One-story brick and steel post office, 30x90 feet.
Owner—Martin Ansbro, Chas. Frazer, J. J. and T. H. Kelly, Tracy, Calif.
Architect—None.
 Plans will be so designed as to provide for a two-story addition. The structure will be leased to the Government for a period of 10 years.

WASHINGTON, D. C.—Bids to construct the \$2,000,000 Veterans' hospital at American Lake, Wash., will be asked about December 15. Plans are being completed by the Constructing Quartermaster of the War Department.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C. Nov. 20, 1922.—**SEALED PROPOSALS** will be received at this office until 3 P. M., Dec. 14, 1922, and then opened, for fly screens for the United States Post Office, Santa Fe, N. M., in accordance with the specification, copies of which may be had at this office or at the office of the Custodian, in the discretion of the Supervising Architect, JAS. A. WETMORE, Acting Supervising Architect.

DENVER, Colo.—Until Dec. 11, 2 p. m., bids will be received by U. S. Reclamation Service, for fur metal work only for a steel highway bridge, under Spec. No. 700-D for Riverton project, Wyoming, involy. approx. 12,200 lbs. Further information may be had from U. S. Rec. Service, Denver, Colo., or Riverton, Wyo.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, is preparing Specification No. 4735 for preparing Specification No. 4735 for at Pearl Harbor, T. H.

WASHINGTON, D. C.—Until Dec. 20, under Spec. No. 4751, bids will be dec. by Bureau of Yards and Docks, Navy Department, for repairs to wharf at San Diego, Calif. Deposit of \$10 req. plans.

WASHINGTON, D. C.—Until Dec. 20, under Spec. No. 14707, bids will be rec. by Bureau of Yards and Docks, Navy Department, to construct extension to Pier No. 4, Puget Sound, Wash.

WASHINGTON, D. C.—Until Jan. 3, under Spec. No. 14687, bids will be rec. by Bureau of Yards and Docks, Navy Department, to construct submarine base at Pearl Harbor, T. H.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, for following materials for various yards, date for opening bids as noted at end of each paragraph:

Schedule 295, for Mare Island, 20 portable electric drills and 9 electric grinders, Dec. 12.

Schedule 298, for various eastern and western yards, miscellaneous gum gaskets, Dec. 12.

Schedule 300, for various eastern and western yards, miscellaneous dry cells, Dec. 12.

Schedule 304, for various eastern and western yards, 7,700 gals. petroleum spirits, Dec. 12.

Schedule 307, for various eastern and western yards, miscellaneous cotton and rubber insulating tape, Dec. 12.

Schedule 309, for various eastern and western yards, miscellaneous calcium-chloride, Dec. 12.

Schedule 310, for delivering at San Diego, Cal., 1 armature coil winders; for delivering at San Diego 2 motor-driven taping machines, Dec. 12.

Schedule 321, for Mare Island, 3000 gals. boiled linseed oil, Dec. 19.

FRESNO. Fresno Co., Cal.—Bids are being received by the custodian of the U. S. Post Office at Fresno for lighting fixtures.

WASHINGTON, D. C.—Continental Const. Co., 321 Detwiler Bldg., Los Angeles, Calif., submits only bid to Bureau of Yards and Docks, Navy Department, to construct, cover over railroad track at San Diego, Cal., under Spec. No. 14737. Bid, item 1, \$26,000; 90 days; 2, \$123,150; 3, \$60,000; 4, \$35,000; 5, \$24,500; 6, \$19,600; 7, \$15,100; 8, \$12,100.

SAN FRANCISCO.—Until Dec. 7, 11 a. m. bids will be received by U. S. Engineer Office, 35 Second St., for 12-1 (to Vista, Solano County, following materials:

50 gals. paint, inside white, 3 gal. cans; 12 pts. paint, signal red, in pt. cans; 20 gals. paint, smokestack black, 1 gal. cans; 40 gals. linseed oil, boiled, 5 gal. cans; 6 pts. engine enamel, black; 1 pint cans; 1 lb. burnt umber in oil; 1 lb. chrome yellow in oil; 1 lb. raw Sienna in oil; 6 No. paint brushes, flat, 3-in.; 12 No. paint brushes, flat, 2-in.; 19 gal. varnish, spar, in 1 gal. cans; 20 gal. linseed oil, raw, in 5 gal. cans.

HALLS AND SOCIETY BUILDINGS

Plans Approved—Funds Available.
CLUB HOTELS. Cost \$12,000.
Two-story and basement concrete block club house.

Owner—Salvation Army, Capt. E. G. Erickson, in charge, Dunbar, Calif. Architect—H. Mubs, Dunbar, Calif. Basement will contain banquet rooms, kitchen, etc. First floor for auditorium, reading rooms and offices. Second floor for sleeping quarters.

LOS ANGELES. Los Angeles Co., Cal. Lawrence Eureka Contracting Co., 325 S. Hill St., has the contract at about \$60,000 to erect a Class C dormitory building at 325 S. Boyle Ave., for Hebrew Sheltering and Home for Aged; will consist of 15 rooms, 8 baths, reception room, dining room and kitchen. Brick walls, two stories and flat roof, composition roof, rough brick facing, composition roof, oak floors, tile baths, steam heating system, vacuum cleaning system, annunciators, metal hall, cast stone trim. Plans by S. H. Brown, 528-30 Union League Bldg.

HOSPITALS

Plans Being Prepared.
ADDITION. Cost, \$100,000.
LIVERMORE, Alameda Co., Cal. Arroyo Sanitarium.

Two-story frame addition to sanitarium to accommodate 50 tuberculosis patients.

Owner—City and County of San Francisco. Architect—Henry H. Meyers, Kohl Bldg., San Francisco.

This addition is to be constructed and maintained at the expense of the City and County of San Francisco under a five-year agreement. At the expiration of that period the agreement can be renewed or Alameda County can purchase.

Bids Rejected—New Bids to be Asked.
HOSPITAL. Cost, \$300,000.
MERCED, Merced Co., Cal. Twenty-seventh and M Streets.

Two-story hollow tile hospital. Owner—Merced Hospital.

Architect—Ira Hoover, Planada, Calif. Plans will be revised and new bids called. Low bid under last opening was submitted by Walter Murch, Federal Realty Bldg., Oakland, at \$66,864.

Preliminary Plans Being Prepared.
BUILDINGS. Cost, \$300,000.
NAPA, Napa Co., Cal., overlooking Capell Valley 7 miles from Napa on Harris Ranch, 170 acres.

Buildings for tuberculosis hospital for 200 patients.

Owner—Atlas Peak Sanitarium. Architect—Miss Julia Morgan, Merchants Exchange Bldg., S. F.

It will be known as the Atlas Peak Sanitarium and will be headed by Dr. C. H. Bulson, of Napa. Other officers of the company are E. G. Manasse, vice president; J. E. Beard, secretary, and L. J. Norton and E. W. Doughty, directors.

PORTLAND, Ore.—Until Dec. 12, bids will be received by Architects Houghtaling and Dougan, Elks Temple, Portland, for construction of a brick building for Employment Institution for the Blind in East Gilliam St., bet. E-34th and E-36th Sts. Administration bldg., 2 story, 45x150 ft. with auditorium seating 250; men's dormitory, 2 story, 60x176 ft.; work shop, one-story, 63x100 ft.; one-story power house, and laundry, 32x72 ft. Bids are wanted on two contracts, general work and heating and plumbing.

LOS ANGELES. L. A. Co., Cal.—The Good Samaritan Hospital contemplates the erection of new bldgs. on the property recently purchased at 6th and Lucas Sts. Johnson, Kaufman & Coate, 608 Union Bank Bldg., L. A., will be the archts. and are preparing preliminary plans for a two-story fireproof nurses' home bldg., which will be erected first. Later a main hospital bldg. will be erected.

SANTA MONICA. L. A. Co., Cal.—Directors of the Casa Del Mar hospital are having plans prepared for an administrative bldg., 75x80 ft., to be located in the center of the grounds. The bldg. will house the X-ray rooms, laboratories and a number of new wards.

A. E. Leitch

Fred Clark

CLARK & LEITCH ROOFING CO.

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Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

HOTELS

Plans To Be Prepared.
HOTEL BUILDING. Cost, \$150,000.
SACRAMENTO, Sacto. Co., Cal., vicinity of 11th and K Sts.

Ten-story class A hotel bldg. 100 rms. Owner—W. H. McMorris, apt. 10th & K Sts., Sacramento.

Architect—John Kossic, care owner. Mr. Kossic is preparing preliminary plans and the final plans will be prepared by a Sacramento architect to be selected later.

EXETER, Tulare Co., Cal.—W. H. Wells, recent manager of a hotel atocatello, Idaho, conferring with local Chamber of Commerce regarding erection of \$60,000 hotel company; construction to be financed by formation of local stock company.

BAKERSFIELD, Kern Co., Cal.—The Bakersfield Hotel Co. has plans under way for a 6-story modern hotel building to be erected at 19th and I Sts., to replace the present 1-story structure on the property. It will cost about \$500,000. The ground floor will contain stores and basement. Men in the company are Thos. J. Coleman, mgr. of the St. Francis Hotel, San Francisco; and Clinton E. Worden, H. R. Warner, and W. W. Worden, all of Bakersfield.

A group of business men, consisting of J. D. Morgan, George Parker, Cady, and Jim Baker, plan to erect a \$400,000 hotel on Baker St. in East Bakersfield, to be known as the Colonial Pinyune. Constr. will be of brick with marble trim. It is probable the building will be 5 stories.

PASADENA. L. A. Co., Cal.—Pasadena Hotel Corporation has been organized for a capital stock of \$3,000,000. The company is headed by D. M. Linnard, well-known hotel operator, and it is understood that a large class A hotel bldg. will be erected at Pasadena.

POWER PLANTS

SEATTLE, Wash.—Until Dec. 8, 10 a. m. bids will be rec. by Board of Public Works, C. B. Bagley, secretary, for fur. l. o. b. cars, Seattle, transmission line conductors for Gorge Plant, Skagit River Development. Spec. obtainable from secretary.

WALLA WALLA, Wash.—Pacific Power & Light Co. plans hydro-electric power development of high power line extensions in its territory approx. an expenditure of \$6,500,000, according to C. S. Walters, Walla Walla manager, for company and of which Guy W. Talbot is president. Hydro-Electric plant costing \$5,000,000 will be located at Reclamation Power Site on Deschutes river, 15 miles south of the confluence of the Deschutes and Columbia rivers; to develop 10,000 h. p. In addition 60 miles of high tension line will be constructed at a cost of \$1,500,000.

SEATTLE, Wash.—Until Dec. 8, 10 a. m. bids will be rec. by Board of Public Works, C. B. Bagley, secretary, for fur. l. o. b. cars, for transmission line for Gorge Plant, Skagit River Development. Spec. obtainable from secretary.

PUBLIC BUILDINGS

Bids Wanted For Excavations, Embankments and Substructural Concrete—Bids Close Dec. 14, 1932, at 9 a. m.

STADIUM. Cost, \$1,000,000.
BERKELEY, Alameda Co., Cal., Strawberry Canyon. Reinforced concrete memorial stadium 72,000 seats.

Owner—University of California. Architect—Commission composed of E. S. Carpenter, Geo. F. Buckingham and John Galen Howard, University of California, Berkeley.

Bids are now being taken for "Group One Contract," which includes the general and detail excavations and embankments, and concrete culverts, tunnels, retaining walls, foundations and piers. See call for bids under official proposals.

SAN FRANCISCO — Following Contracts awarded by Board of Public Works:
Sub-bench enclosure, Children's wing — San Francisco hospital, to Herman Allessleben, \$2484.
Elevator repairs at San Francisco hospital to Otis Elevator Co. at \$7885.
Electric fixtures for Mission High school addition to J. W. Burchaell at \$799.
Linoleum for Mission High School addition to D. N. & E. Walter Co., at \$718.

SANTA BARBARA, Santa Barbara, Cal. — Architects: Roland F. Sauter and Keith Lockard, San Marcos Bldg., Santa Barbara, are preparing plans for the new city hall to be erected at a revised cost of approx. \$160,000. This is \$15,000 less than the original estimate. Plans will be ready for bids about Dec. 20. It will be of type B construction, 3-5 to 10 ft. high, containing 10 rooms, it will have concrete, stucco exterior, tile roof, hardwood floors, steam hgt., fireproof doors, metal skylights, structural steel, terra cotta, relief steel, metal bath, waterproofing, marble work, fireproof vaults, ornate iron, staff work, special jail equipment and metal filing cabinets, etc., for books and records.

OAKLAND, Cal. — Funds will be provided in the 1923 budget by the City Council to finance construction of approx. 600 by 300 feet, to Municipal Auditorium.

SACRAMENTO, Cal. — Bids were opened on November 28 by Geo. B. McLaughlin, State Architect, City Division of Architecture, for the complete ornamental and miscellaneous iron and bronze work, for the Sacramento State Buildings, i. e., the Library and Courts Building and the Office Building in Sacramento. Bids taken under advisement.

California Artistic Metal and Wire Co., 355 1/2 St. S. F. \$90,800
Monarch Iron Works, S. F. 96,683
C. J. Hillard Co. 97,900
Bayer-Rothsch Co., L. A. 109,986
Flour City Iron Co., Minneapolis, Minn. 110,800
Federal Orn. Iron & Bronze Co., San Francisco 126,500
Wisconsin Iron & Wire Works Milwaukee, Wisconsin 129,900

LOS ANGELES, L. A. Co., Cal. — The Southwest Museum contemplates the erection of additional bldgs. at Ave 46 and Madison Way, L. A. The buildings will include an auditorium, art gallery and laboratory bldg. The cost will be more than \$250,000. It is hoped to commence construction early next year. Architectural plans have not yet been prepared.

RESIDENCES

Contract Awarded.
DWELLING Cost, \$18,000
OAKLAND, N E Excelsior & Chatham Road.
Owner — 10-room dwelling.
Owner — R. C. Havens 12th & Clay, Okd.
Contractor — F. A. Muller, Syndicate Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, \$12,000
SAN FRANCISCO, N E Miramar Ave. & Wildwood Way.
Two-story frame residence.
Owner — C. T. Treton, 871 Mission.
Architect — Miss Ida F. McCain, 318 Kearny.
Contractor — Wilson & Benson, 336 Ash-ton Ave.

Figures To Be Taken Shortly.
RESIDENCE & GAR. Cost, \$20,000
OAKLAND, Wildwood Gardens.
Two-story frame and brick veneer residence (10 rooms) and garage.
Owner — Mrs. O. Silverman.
Architect — W. E. Schirmer. Thayer Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, \$14,000
SAN FRANCISCO, Ingleside Terrace.
Two-story frame and plaster 8-room residence and separate garage.
Owner — Edw. Klein.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Contractors — Conlan & Klein, 1736 Filbert.

Plans Being Prepared.
RESIDENCE Cost, \$12,000
SAN FRANCISCO, Westwood Ave.
Two-story 9-room hollow tile and veneer residence.
Owner — Guy Cochran.
Architect — Miss Ida F. McCain, 318 Kearny St., San Francisco.

SCHOOLS

Completing Plans.
SCHOOL Cost, \$350,000
ALAMADERA, Los Angeles Co., Cal.
Two-story and basement brick high school.
Owner — Alhambra High School Dist.
Architect — Hunt & Burns, Laughlin Bldg., Los Angeles.

Contract Awarded.
ADDITION Cost, \$ —
LARKSPUR, Marin Co., Cal.
Addition to school.
Owner — Larkspur-Corta Madera Elementary School District, James A. Fay, clerk, Larkspur, Calif.
Architect — Norman R. Coulter, 46 Kearny St., San Francisco.
Contractor — Cochrane, Grant & Boehm, Call Bldg., San Francisco.

Contract Awarded.
SHOP BLDG. Cost, \$5625
CORCORAN, Kings Co., Cal.
One-story reinforced concrete shop building, 40x45.
Owner — Corcoran High School District.
Architect — J. R. Henderson, Tulare.
Contractor — Brown & Stafford, Madera

Plans Being Prepared.
GYMNASIUM Cost, \$30,000
RENO, Nevada, 4th St. bet. Lake and Chester Sts.
One-story pressed brick gymnasium for junior high school, 80x85 ft.
Owner — Reno School District.
Architect — Geo. A. Ferris & Son, Colonial apartments, Reno, Nevada.

Plans Completed—To Ask Bids Shortly.
HIGH SCHOOL Cost, \$150,000
RENO, Nevada, 4th bet. Lake and Chester Streets.
Two-story and basement pressed brick and terra cotta junior high school.
Owner — Reno School District.
Architect — Geo. A. Ferris & Son, Colonial Apartments, Reno, Nevada.

Structure will accommodate 700 pupils and will contain 20 class rooms in addition to cafeteria, domestic science and manual training departments. Exterior fill be finished with a pressed brick and terra cotta trimmings. Contract to grade site has already been let.

Contract Awarded.
ALTERATIONS Cost, \$11,875
OAKLAND, Alameda Co., Cal. Union and Eleventh Sts.
Remodeling of Cole School building.
Owner — City of Oakland.
Architect — C. W. Dickey, 2149 Broadway, Oakland.
Contractor — Walter Murch, Federal Bldg., Oakland.

Contracts Awarded.
SCHOOL Cost, \$300,000
REDWOOD CITY, San Mateo Co., Cal.
State Highway and Broadway.
Three one-story reinforced concrete and frame school buildings (main building, auditorium and gymnasium).
Owner — Sequoia Union High School District.
Architects — Carl Werner & A. I. Coffey, Humboldt Bank Bldg., San Francisco.
General Contract to Robert Trost, 26th and Howard St., S. F., \$210,704.
Plastering to Leonard Bosch, S. F., \$42,320.
Plumbing to Christensen & Anderson, 167 Hamilton Ave., Palo Alto \$36,186.
Painting to D. Zellinsky, 420 Turk St., S. F., \$10,700.

Electric Work to M. E. Ryan, 519 California St., \$15,330.
Heating & Ventilating to J. F. McGowan, 3788 Mission St., \$33,997.
Notes — The bids for the above have been rejected. The lowest bid was submitted by the Stewart Sales Co. at \$4250.

Sub-contracts Awarded.
ADDITION Cost —
LARKSPUR, Marin Co., Cal.
Addition to school.
Owner — Larkspur-Corta Madera Elementary School District, James A. Fay, clerk, Larkspur, Calif.
Architect — Norman R. Coulter, 46 Kearny St., San Francisco.
Contractor — Cochrane, Grant & Boehm, Call Bldg., San Francisco.
Lumber to Larkspur Lumber Co.
Plumbing to R. T. Murray, Larkspur.
Electrical Work to D. Wessel, Larkspur.
Reinforcing Steel to E. L. Soule Co. S. F.
Glass to W. F. Fuller.

Plans Being Prepared.
ADDITION Cost, \$ —
SACRAMENTO, Sacramento Co., Cal.
Four-room brick and concrete school addition.
Owner — Sacramento Board of Education.
Architect — Dean & Dean, City Library Bldg., Sacramento.

HANFORD, Kings Co., Cal. — Until Dec. 3, 1922, bids will be received by Trustees of Kings River School District for additions and alterations to present school. Glass and gutter, architects, Cory Bldg., Fresno. Carl check 10% payable to clerk of district required. Plans on file in office of architects.

SAN FRANCISCO — Until Dec. 20, 3 p. m., bids will be received by Board of Public Works to construct addition to Edison school on west side of Church St., bet. 27th and Hill Sts. O'Brien Bros., 210 Montgomery St., architects. Segregated bids are desired for general contract, \$22,000, bond of \$5500 required of successful bidder; plumbing, \$1800, bond of \$150 required; electric work, \$800, bond of \$200 required; heating and ventilating systems, \$2000, bond of \$500 required. Plans may be had from Bureau of Architects, 2nd floor, city hall.

MONTEREY, Monterey Co., Cal. — The Board of trustees of the Monterey Union High School District have awarded a contract to J. C. Price of Pacific Grove at \$1100 for vacuum heating system for high school buildings at Monterey (Ideal cast boiler). Norman R. Coulter, 46 Kearny St., San Francisco and Marshall A. Dean, Pacific Ave., Pacific Grove, are the architects.

LOS ANGELES, Cal. — The Los Angeles Board of Education has appointed architects to design new school buildings as follows: **Henry T. Squiers, Architect, Alta Loma, 6-units, \$48,000; W. D. Lee, Architect, Aragon Ave., 8-unit including auditorium \$70,000; Rea & Henshaw, Architect, Eudora Ave., 8-unit addition, \$64,000; Harwood Hewitt, Colonel, 13-units and domestic science, \$110,000; Herbert C. Howard, Architect, Estara Ave., 12-units, \$84,000; Frank G. Krucker, Architect, 49th St., 8-units, \$56,000; Henry F. Withey, Architect, Gulf Ave., 12-units, \$84,000; E. L. Taylor, Laguna St., 12-unit, \$84,000; Herbert & Wheeler, 12-unit, 12-units, \$84,000; Arthur S. Heineman, Architect, Los Feliz, 8-unit addition, \$56,000; Harlow M. Kimball, Architect, Malabar St., 8-unit addition, \$60,000; Train & Williams, Architect, Manchester Ave., 8-unit addition, \$56,000; H. H. Whiteley, Micheltorena St., 12-units; \$88,000; Chas. E. Plummer, 12-units, \$84,000; Adams, 13-units, \$90,000; Paul C. Pape, 37th St., 12-units, \$84,000; A. F. Rosenheim, Neighborhood of St. Andrews Place and Vernon Ave., 11-units, \$90,000; A. H. Barnside, Sturgis, Architect, 37th St., 12-units, \$84,000; Jeffery & Schaefer, Architect, Franklin Hill, auditorium and classroom building, \$175,000; John E. Donaldson, Parkson, Architects, Manual Arts High, boys' gymnasium, \$45,000; Noerenberg & Johnson, Part-Time Bldg., vocational, \$400,000.**

SAN FRANCISCO — City Architect John Reid Jr., First National Bank Bldg., instructed by Board of Public Works to proceed with plans and specifications for a 16 classroom annex to Cortella school, ten classroom buildings for North Beach Primary school; Auditorium and Annex for High School of Commerce and for the new Mission High School.

SANTA BARBARA, Santa Barbara Co., Cal.—Board of control has appropriated \$555,900 in the new budget for state college purposes at Santa Barbara. The proposed improvements at the local college are two additional buildings and administration and an auditorium and a training school.

PASADENA, L. A. Co., Cal.—J. C. Bannister, 903 N. Mariposa Ave., was awarded the gen. contract at about \$206,000 on alterations omitting 2 class rooms, blackboards and screens, for erecting the new McKinley School in Pasadena. The board of education will put in the screens and blackboards. The heating bids were rejected and new bids will be taken. Other contracts awarded were: South Pasadena Pkg. Co., plumbing; R. E. Swan, painting; Golden State Elec. Co., wiring. Total cost of all, about \$248,000. John C. Austin, 1125 Baker-Detweiler Bldg., L. A., archt. Two bldgs., auditorium seating 750, 22 classrooms, 3 rooms and playroom for kindergarten, domestic science and manual training depts. Reinf. conc. constr., stucco exteri., trim, slate rf., pine trim, beech fls.

MONTREY, Monterey Co., Cal.—J. C. Price, Pacific Grove, at \$11,354 awarded contract by Monterey Union High School District to install vacuum heating system in high school. Norman R. Coulter, architect, 46 Kearny St., San Francisco.

SACRAMENTO, Cal.—Until Dec. 18, 5 p. m., bids will be received by Chas. C. Hughes, secretary Board of Education, for fur. and del. for new high school. Materials fully described in call for bids as published under heading of official proposals in this issue.

STORES AND OFFICES

Plans Being Figured.
STORE BLDG. Cost, \$35,000.
SAN FRANCISCO. N Mission Street W Ecker Street.
One-story basement and mezzanine reinforced concrete store building, 36x187-6 with L 37x87-6 (6 stores) hollow tile partitions.
Owner—A. Aronson.
Architect—Mel I. Schwartz, Nevada Bank Bldg., San Francisco.

Contract Awarded.
BUILDING Cost, \$150,000.
LOS ANGELES, L. A. Co., Cal., N E Boyd and Wall Streets.
Three-story class A reinforced conc. building.
Owner—Los Angeles News Co.
Architect—E. L. Mayberry, 472 Pacific Electric Bldg., Los Angeles.
Contractor—Richards-Neustadt Constr. Co., Trust & Saves. Bldg., L. A.

Excavating Contract Awarded.
OFFICE BLDG. Cost, \$165,000.
OAKLAND, Alameda Co., Cal., N 17th between Broadway and Franklin.
Seven-story and basement reinforced concrete store and office building (terra cotta or press. brick facing).
Owner—Ambassador Realty Co. (a corporation in which Geo. Ebe, of the Fulton Playhouse, J. R. Ryan and Granville Abbott et al are interested).
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
The excavating contract was awarded to J. Catucci at \$1528.
NOTE—Plans for the general contract will be ready for bids in about 2 weeks.

Contract Awarded.
STORE BLDG. Cost, \$36,460.
FRESNO, Fresno Co., Cal. No. 552 N. Nevada Avenue.
Store building.
Owner—R. Emerzian, 1002 T St., Fresno.
Architect—None.
Contractor—F. L. Stone, Mason Bldg., Fresno.

Figures To Be Taken In About Two Weeks.
FILM EXCHANGE Cost—
SAN FRANCISCO, N Turk Street W Leavenworth Street.
Two-story reinforced concrete film exchange, 50x137-6.
Owner—Louis R. Lurie.
Architect—Albert Schroeper, Nevada Bank Bldg., San Francisco.

Figures To Be Taken Shortly.
ALTERATIONS Cost, \$75,000.
STOCKTON, San Joaquin Co., Cal.
Extensive alterations to 1-story brick store building, 50x150.
Owner—Ernest Wilson Co., Stockton.
Architect—Arthur Heineman, 831 San Fernando Bldg., Los Angeles.
Press. brick, plate glass, ventilating system, refrigerating system, tile fls., kitchen and confectionary equip; \$75,000.

Contract Awarded.
STORE BLDG. Cost, \$32,000.
FRESNO, Fresno Co., Cal., 1306 Van Ness Avenue.
Store building.
Owner—Emil Kehrlein.
Contractor—Trehwitt & Shields, Rowell Bldg., Fresno.

LOS ANGELES, L. A. Co., Cal.—Architect Otto H. Neher, Henry Hassenburger, engr., 209 Marsh-Strong Bldg., are preparing plans for an automobile bldg. to be erected on west side of Figueroa St. south of 8th St., for J. Benjamin Paby, Ford dealer. It will be L-shaped, 132x92 ft. and 61x257 ft. with another extension 40x169 ft.; brick constr., tile or Travertine facing, plate

glass windows, steel beams, comp. rfg., steel sash, tile floor in showroom with fountain and fireplace, mezzanine floors for offices and stock rooms, fire doors, cem. fls. Constr. work is to be started by January 1.

SAN FRANCISCO—Nealey & Collins, 180 Jessie St., have been awarded a contract at \$52,500 for the brick work for the 10-story and basement class A office building to be erected on the northeast corner of Post and Powell streets for Wm. M. and M. E. Fitzhugh Reid Bros. are the architects and P. J. Walker & Co., Monadnock Bldg., general contractors.

SANTA BARBARA, Santa Barbara Co., Cal.—J. L. Sullivan, Santa Barbara was low bidder and will be awarded the gen. contr. at \$82,500 for erecting a 4-sto. class A addition to the San Marcos bldg. at Santa Barbara for the Hawley estate. The electric work will be let to Ward Akeley, of Long Beach, at \$2000; plumbing to J. G. Morgan, L. A., at \$12,770; and roofing to Santa Barbara Roof Co. at \$572.65. E. L. Mayberry, 472 Pac. Elec. Bldg., L. A., and Kirkhuiff & Schaaf, Santa Barbara, assoc. archts. The bldg. will be 42x125 ft. with stores in 1st sto. and about 60 offices above; reinf. conc. constr., stucco exteri., comp. rfg., plate glass, birch trim, steam heat archib. system of conc. constr. Total cost, \$105,000.

THEATRES

Contract Awarded.
CONCESSION Cost, \$11,500.
SAN FRANCISCO, Great Highway bet. Cabrillo and Fulton Streets.
One-story frame amusement concession (whirlpool).
Owner—Chutes at the Beach, Inc., 730 Great Highway.
Architect—Miller & Baker, Inc., Home-wood, Ill.
Contractor—Friedle & Looft, 790 Great Highway.

SACRAMENTO, Cal.—The T and D Theatre has awarded a contract to Luppen, Hawley and Thing, 906 7th St., Sacramento, for the installation of a new ventilating system to cost \$16,000. Plans were prepared by Architect E. C. Hemmings, Ochsnor Bldg., Sacramento.

LOS ANGELES, Cal.—Turner, Dahnken & Langley Co., 200 Knickerbocker Bldg., contemplates the erection of a 12-story class A theatre and office building in the business district in Los Angeles. The company has several sites under consideration and preliminary plans have been prepared by a San Francisco architect. The bldg. will cost \$1,250,000.

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Official Proposals

NOTICE TO BIDDERS (School Furniture)

- (1) Notice is hereby given that sealed bids will be received by the Board of Education of the Sacramento City High School District for the purchase, setting up, installation and delivery, f. o. b. New High School or Junior College, of the following items of furniture:
- (a) 500 or more movable students desk chairs of the "Tablet Arm Pattern," except that arm shall extend across the front similar in design to the Milwaukee Chair Company, or the All-In-One type, and without drawer or book rack under seat.
 - (b) 10 or more Teachers' Desks, flat top with knee drawer in front, and three-drawer side pedestal.
 - (c) 400 or more Oak Teachers' or office side chairs, with wooden seats, non-revolving, and without side arms.
 - (d) 100 22-inch movable stools of oak or other hardwood.
 - (e) 450 or more Opera Chairs, fixed type.
 - (f) 1,000 or more folding portable Auditorium Chairs, joined in sets of two.
 - (g) 40 or more Opera chairs with Tablet Arms.
- (2) All the above to be in color, Light Oak, dull finish. Samples of each and all items bid upon shall be displayed by each and every bidder at a time and place designated by the Board of Education of the Sacramento City High School District, which time and place may be found by inquiry at the office of the Business Manager, Room 301, City Hall.
- (3) A certified check for the sum of 10 per cent of each or all items which may be bid upon, must accompany each bid, which check will be forfeited to the Board of Education of the Sacramento High School District, should the bidder or bidders fail to comply with the terms of his or their bid, if required to do so.
- (4) It is expressly understood that the successful bidder or bidders shall guarantee to the Board of Education of the Sacramento City High School District delivery of the 800 or more Students' Desks, ten or more Teachers' Desks, 400 or more Teachers' Chairs, 100 22-inch stools, not later than June 1st, 1923, and shall guarantee delivery of the 450 or more Opera Chairs, 1,000 or more Auditorium Chairs and 40 or more Opera Chairs with Tablet Arms, not later than 90 days after receipt of the Purchase Order.
- (5) It is expressly understood that any and all successful bidders must furnish a bond of 50 per cent of the amount of their bid to the Board of Education of the Sacramento City High School District, to insure performance of contract and delivery of goods within and not later than the time specified.
- (6) Any information regarding the above can be obtained by inquiry at Room 301, City Hall.
- (7) All bids must be filed with the Secretary of the Board of Education of the Sacramento City High School District, Room 300, City Hall, not later than 5 o'clock P. M., Monday, December 18th, 1922.
- (8) The Board of Education reserves the right to accept or reject any and all bids.
- CHAS. C. HUGHES,
Secretary of the Board of Education of the Sacramento City High School District.

NOTICE TO BIDDERS (Machinery)

Pursuant to an order of the Board of Trustees of the Conley School District, Taft, Kern County, California, duly made and entered on its minutes on the 17th day of Nov., 1922, notice is hereby given that said board will receive sealed bids up until 5 p. m., on

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

Nov. 28th, for furnishing of the necessary equipment for the furnishing of a garage shop with machinery, lathe, majors as per specifications on file with the clerk of the board.

The Board reserves the right to reject any or all bids.

PETER CORNELIUS,
Clerk.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock p. m., on December 26, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications thereto to which special reference is made, portions of State Highway as follows:

Seaside County, between Donner Summit and Donner Lake (111-Nov-37-C), about three and three-tenths (3.3) miles in length, to be graded.

Imperial County, between New County Well and Old County Well at Plank Road (VII-Imp-27-A), about nine and four-tenths (9.4) miles in length, to be graded and paved with asphalt concrete.

Glenn County, across Steady Creek near Hamilton City (III-Gle-47-A), a bridge consisting of four 100 foot steel truss spans and twenty 30 foot reinforced concrete girder approach spans.

Solano County, across the San Francisco-Sacramento Railroad near Denicso-Sacramento Railroad near Denicso (III-Sol-53-B), a bridge consisting of two 34 foot and one 39 foot reinforced concrete girder spans, and grading approaches.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the Division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsuir, Sacramen-

to, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal or full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL, D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission
AUSTIN B. FLETCHER,
State Highway Engineer,
R. A. MURRAY, Secretary,
Dated November 27, 1922.

NOTICE TO CONTRACTORS (Refrigerating Plant)

Pursuant to an order of the Board of Trustees of the Conley School District, Taft, Kern County, California, duly made and entered in its minutes on the 17th day of Nov., 1922, notice is hereby given that said Board will receive sealed proposals up until 5 p. m., of Dec. 15, 1922, at Conley Grammar School Building, Taft, California, for the furnishing and installation of a complete refrigerating plant in connection with the Conley Grammar School in accordance with plans and specifications on file at the office of Trewhitt-Shields Co., Rowell Building, Fresno, California, the authorized agents of said Board.

A certified check equal to ten per cent of the total amount of bid submitted must accompany the proposal.

The Board reserves the right to reject any or all bids.

By order of the Board of Trustees of the Conley School District

PETER CORNELIUS, Clerk.

BIDS WANTED FOR FLY SCREENS NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Superintending Architect's Office, Washington, D. C., Nov. 29, 1922.—SEALED PROPOSALS will be received at this office until 3 P. M., Dec. 14, 1922, and then opened, for fly screens for the United States Post Office, San Francisco, in accordance with the specification, copies of which may be had at this office or at the office of the Custodian, in the discretion of the Superintending Architect, JAS. A. WETMORE, Acting Superintending Architect.

BIDS WANTED FOR STONE RIPRAP NOTICE TO CONTRACTORS

SEALED BIDS, indorsed "Proposals for Ripraping, Mare Island, Calif." specifications No. 4700 will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., December 29, 1922, and then publicly opened, for furnishing and depositing approximately 375,000 tons of hard stone riprap to form an embankment along Dike No. 12, Navy Yard, Mare Island, Calif. Drawing and Specification No. 4700 may be obtained on application to the Bureau or to the Commandant, Navy Yard, Calif. Deposit of a check or postal money order for \$10 payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawing and specification.

L. E. GIBSON, Chief of Bureau,
Nov. 30, 1922.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 3 o'clock P. M., on December 11, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Yuba County, between Morrison's Crossing and 1 mile south of Marysville (III-Yub-3-B), about eight and two-tenths (8.2) miles in length, to be paved with asphalt macadam.

Nevada County, between Nevada City and Little Deer Creek (III-Nev-16-C), about eleven and eight-tenths (11.8) miles in length, to be graded.

Contra Costa County, between Hercules and Rodeo (IV-CC-14-B), about one and eight-tenths (1.8) miles in length, to be graded and paved with Portland cement concrete.

San Benito and Santa Clara Counties, between Hollister and Pacheco Pass Road (V-SB-SC1-22-B and A), about eight and two-tenths (8.2) miles in length, to be graded and paved with asphalt macadam.

Madera County, between Western Boundary and Califa (VI-Mad-33-A), about four and two-tenths (4.2) miles in length, to be graded and paved with asphalt macadam.

Ventura County, between a point 3/4 miles southeasterly from Ilwaco Road and Rindge Ranch (VII-Ven-60-A), about seven and four-tenths (7.4) miles in length, to be graded.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission.
AUSTIN B. FLETCHER,
State Highway Engineer.
R. A. MURRAY, Secretary.
Dated November 20, 1922.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on December 11, 1922, at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Siskiyou County, between Granada and Yreka (II-Sis-3-B), about eight and five-tenths (8.5) miles in length, to be graded and paved with either

Portland cement concrete, asphalt concrete or asphalt macadam.

Siskiyou County, between 2 miles south of Hornbrook and Oregon State Line (II-Sis-3-C), about nine and eight-tenths (9.8) miles in length, to be graded.

Placer County, between Roseville and Lincoln (III-Pla-3-A), about five (5.0) miles in length, to be surfaced with asphalt concrete.

Glenn County, between Willows and a point about four miles south of Glenn (III-Gle-45-A and B), about eleven and nine-tenths (11.9) miles in length, to be graded and surfaced with gravel.

Lincoln County, over the Northwestern Pacific Railroad near Lytton (IV-Son-1-A), a bridge consisting of three 32 foot reinforced concrete girder spans, with the necessary bents, abutments and wing walls.

Santa Clara County, between 5 miles east of Gilroy and San Felipe (IV-SC1-32-A), about four and five-tenths (4.5) miles in length, to be graded and surfaced with Gravel.

Fresno County, between Parkfield Junction and Coalinga (VI-Fre-10-C), about eight and nine-tenths (8.9) miles in length, to be graded.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission.
AUSTIN B. FLETCHER,
State Highway Engineer.
R. A. MURRAY, Secretary.
Dated November 13, 1922.

NOTICE TO CONTRACTORS

(Santa Barbara High School)

The High School Board of the Santa Barbara High School District, County of Santa Barbara, Cal., will receive sealed proposals up to 3 o'clock P. M., on the 14th day of December, 1922, at the office of the High School Board, 1235 Chapala Street, Santa Barbara, Cal., at which time and place said bids will be opened and read and public for furnishing the required labor, material and apparatus necessary for the erection and completion of the New Santa Barbara High School building, Santa Barbara, Cal., in accordance with plans and specifications prepared by Roland F. Sauter and E. Keith Lockard, architect, and W. H. Weeks, architect, and on file in the office of Roland F. Sauter and E. Keith Lockard, 338 San Marcos Building, Santa Barbara, Cal., and W. H. Weeks, 369 Pine Street, San Francisco, Cal.

Proposals will be received on the general construction with its alternate proposals, together with a separate bid on the heating and ventilating.

A cashier's or certified check or bidder's bond in the amount of not less than five per cent (5 per cent) of the amount of the bid shall accompany each proposal drawn to the order of the Santa Barbara High School Board as a guarantee that the bidder will, within five (5) days after being informed of the acceptance of his bid, enter into a contract with said board in accordance with the said bid and shall furnish the surety bonds as required by the specifications. Said check or bond shall be forfeited to said school board should the bidder fail to execute contract and furnish bond as above mentioned.

All bids must be made out of forms furnished by the architects, and enclosed in a sealed envelope addressed to E. Carlotta Dengate, clerk of the High School Board, Santa Barbara, Cal., and endorsed: "Proposal for High School Building." Plans and specifications for all of the above work may be seen at the office of the architects, and a deposit of twenty-five (\$25.00) dollars must be made or each set of plans taken away from the offices of the architects, which amount shall be returned to the contractor upon returning the plans on or before the date set for opening of proposals.

The said board reserves the right to reject any and all bids and to waive any informalities in any bid received.

By order of the High School Board of the Santa Barbara High School district, county of Santa Barbara, Cal.
E. CARLOTTA DENGATE, Clerk.
November 16, 1922.

BIDS WANTED FOR GYMNASIUM BUILDING

NOTICE TO BIDDERS AND CONTRACTORS

Notice is hereby given that sealed proposals are invited and will be opened by the Board of Trustees of the Gilroy High School District, Santa Clara County, State of California, on the 15th day of December, 1922, in the present high school building of said school district in the County of Santa Clara, State of California, for the erection and completion of a gymnasium building in said school district, for the installation of a heating system therein—for the installation of a plumbing system therein—and for the installation of a central heating plant for the above named district, all in accordance with plans and specifications made for the same by Wyckoff & White, the authorized architects, employed by the Board. Proposals will be received separately with alternate propositions on a general contract, plumbing and heating, including everything specified and shown.

Plans and specifications can be seen at the office of Wyckoff & White, Architects, Growers' Bank Bldg., San Jose, California.

A deposit of Twenty Dollars (\$20.00) cash will be required on all plans loaned out as a guarantee of good faith.

All proposals to be made out on blank forms, furnished by the architects, and must be accompanied by a check for not less than five per centum of the amount of the bid made payable to E. E. Brownell, Clerk of the Board, and certified to by some responsible banking house. This check is to be forfeited in the event that the successful bidder, after having been awarded the contract, fails within ten (10) days to sign the contract and furnish good and sufficient bonds satisfactory to the Trustees, and as required by law.

Bids will be received up to and including Dec. 15, 1922, at 2:30 p. m., and must be addressed to E. E. Brownell, Clerk of the Board of Trustees of Gilroy High School Dist., Gilroy, California.

The Board reserves the right to reject any or all bids.

By order of the Board of Trustees,
E. E. BROWNELL,
Clerk of the Board of Trustees.

Date of first publication, November 17, 1922.

Date of last publication, December 1, 1922.

BIDS WANTED FOR P. O. ALTERATIONS

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architect Office, Washington, D. C., December 14, 1922.

SEALED PROPOSALS will be received and opened in this office at 3 p. m., Dec. 11, 1922, for furnishing the materials and labor required for changes at Side Entrance at the U. S. Post Office, Oakland, Cal. Drawings and specifications may be obtained from the Custodian of the office, in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

Engineering News Section

RIDGES, DAMS & HARBOUR WORK

SAN RAFAEL, Marin Co., Cal.—Until December 5, 3 P. M. bids will be received by Rob. E. Graham, County clerk, to construct 6 culverts on Bonas and Oelma county road; alternate bids will be taken for concrete or corrugated iron pipe. Specifications obtainable from County Surveyor on deposit of \$10.

SANTA ROSA, Sonoma Co., Cal.—Specifications being completed by County Surveyor E. A. Peugh for three concrete bridges on Santa Highway, between Santa Rosa and Schellville; concrete bridge at Windsor; bridge on Upper Dry Creek, another over Pena creek and a structure over Matanzas creek on the Bennett Valley road.

PRESCOTT, Ariz.—Until 11 A. M., December 5, bids will be received by E. Moore, Engineer, Yavapai county highway commission, to construct a double span riveted steel truss bridge across the Agua Fria river near Canon, bridge to be 231 ft. long, with concrete piers and abutments, involving 1100 cu. yds. excavation unclassified, 307 cu. yds. A concrete, 108 cu. yds. B concrete, 33,100 lbs. reinforcing steel in place, steel superstructure in place. Plans and specifications may be obtained from the Yavapai county highway commission upon deposit of \$5. Certified check, 5%.

CALIFORNIA.—Until Dec. 26, 2 p. m., bids will be received by State Highway Commission, Forum Bldg., Sacramento, to construct a reinforced concrete bridge over the Feather River near Hamilton City, Glenn county, consisting of 4 10-ft. steel truss spans and 20 30-ft. reinforced concrete girder approach spans.

Separate bids, same date, to construct bridge across San Francisco-Sacramento R. R. near Denver, Solano county, consisting of 2 34-ft. and one 39-ft. reinforced concrete and girder approaches. See call for bids under official proposal section in this issue.

SAN MATEO, San Mateo Co., Cal.—Until Dec. 11 3 p. m., bids will be received by E. W. Foster, city clerk, to construct, concrete arch and slab top culvert across San Mateo creek bet. B and Griffith Ave., with retaining walls and for certain backfilling into above area; work to be done in connection with widening of Baldwin Ave. Cert. check 10% payable to city required. Plans obtainable from city engineer, G. S. Whitehead.

COQUILLE, Ore.—Until Dec. 21, 10 a. m., bids will be received by Coos County Court, C. R. Wade, judge, to construct two steel bridges, as follows: Steel girder draw bridge over Clatsop slough near Marshfield, involv. 66,000 lbs. structural steel; 62 ft. M. ft. M. lumber; 11,000 lin. ft. piling; 725 lin. ft. trestle and 6500 lbs. machinery. Steel bascule bridge over Coal Bank slough at Marshfield, involv. 220 cu. yds. conc.; 3600 lbs. metal reinforcement; 45,000 lbs. structural steel; 7500 lin. ft. piling; 25 M. ft. B. M. lumber; 210 lin. ft. trestle; 100 cu. yds. excavation and 15,000 lbs. machinery. Cert. check 5% required with each bid. Plans on file with County Roadmaster, Coquille, Ore., and office of State Highway Commission, Salem.

OAKLAND, Cal.—Approx. \$15,000,000 will be necessary to outfit the Oakland harbor on an efficient working basis, according to tentative estimates submitted to the City Council by Harbor Engineer Ralph Beebe. A number of municipal engineers are now working

on a general development survey of the entire waterfront from the Santa Fe holdings to Government Island and within a few months will have a report ready for submission to Public Works Commissioner Albert E. Carter for consideration for the 1923-24 budget.

SACRAMENTO, Cal.—At request of contractors the time for opening bids for levee improvements in Reclamation District No. 1660 has been extended by the State Reclamation Board from Nov. 23rd to Dec. 7. Est. cost \$1,500,000.

SANTA ANA, Cal.—Wells & Bressler Santa Ana, submitted low bid to supervisors at \$12,846 for const. earth levee and a pipe and wire mesh protection fence on the west bank of the Santa Ana river near the Orange county farm, in the fourth road district, involving 17,000 cu. yds. dirt fill at 30c yd., 1300 lin. ft. Elwood fencing at \$1.80 ft. This bid was for type F Elwood fencing as specified. This bid was taken under advisement until Nov. 28, all others were rejected. Other bids were: Hewitt & Feley, La Habra, 26c lin. ft. fencing; total, \$12,633. (This was a regular as pricing specified was used A Elwood). Chas. G. Frisbie Co., 27c lin. ft. fencing; Frank Hudson, 26c lin. ft. fencing; total, \$13,614. C. C. McMurphy, 35c lin. ft. fencing; total, \$13,350. W. M. Ledbetter & Co., 35c lin. ft. fencing; total, \$16,485. Mercereau Bridge & Constr. Co., 50c lin. ft. fencing; total, \$18,046. Southern Cal. Fence Constr. Co. submitted a bid of \$2.08 per ft. for fencing only.

CALIFORNIA.—W. M. Ledbetter, Los Angeles, at \$445.60 awarded contract by State Highway Commission, to construct reinforced concrete bridge across Newhall creek at Newhall, Los Angeles county, inv. est. \$-216.

LOS ANGELES, Cal.—Residents of the district near Pacoima have asked the city council for a reinforced concrete bridge across the Pacoima wash. It is said the county is willing to share a part of the cost. The proposed bridge would be 260 ft. long, costing \$40,000.

SONOMA COUNTY.—As previously mentioned bids will be received by State Highway Commission, Forum Building, Sacramento, to construct bridge over Northwestern Pacific R. R. near Lytton Sonoma County, consisting of 3 32-ft. reinforced concrete spans, with necessary bents, abutments and wing walls. Project involves 360 cu. yds. class A Port. cem. cone. in place; comm. to furnish 3 in. steel in straight bars, cut to lengths and Port. cement.

Engineers and Contractors
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Phone Douglas 6320-Doug. 6321

IRRIGATION PROJECTS

OLINDA, Shasta Co., Cal.—Happy Valley Irrigation District plans construction of 1500 ft. siphon, 1400 ft. flume and 1000 ft. canal. J. H. Larkin, ch. eng. for district.

MARTINEZ, Contra Costa Co., Cal.—Western Pipe and Steel Co., 111 Market St., San Francisco, awarded contract by Associated Oil Co., to construct steel oil storage tanks to be erected at the Avon refinery; one 55,000 bbls. capacity; three 5000 bbls., three 3000 bbls. and two 2000 bbls. capacity.

ANDERSON, Shasta Co., Cal.—Anderson-Cottonwood Irrigation District will expend \$20,000 in drainage improvements. Harry S. Riddell, chief engineer.

LIGHTING SYSTEMS

PASADENA, Cal.—City directors have adopted resolution for ornamental lighting system with cone posts on Madison Ave., bet. Colorado and Fillmore Streets.

SAN BUENAVENTURA, Cal.—Until 8 p. m., Dec. 4, bids will be received by city trustees to const. ornamental lighting system in street lighting district No. 4. Cert. check, 10%. Edwin Iansette, city clerk.

MACHINERY

TAFT, Kern Co., Cal.—Until Nov. 28, 5 p. m., bids will be received by Peter Cornelius, clerk, Conley School District, for fur. and install. garage shop with machinery, lathe, motors, etc. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Until 3 p. m., Nov. 28, bids will be received by public service comm., 207 S Broadway, for 2500 gyp anchors, 12 wrenches and 12 augurs, under spec. No. 226-293. Jas. F. Vioman, secy.

SANTA ROSA, Sonoma Co., Cal.—Until Dec. 5, 3 p. m., bids will be received by Vida McL. Duggett, city clerk, for fur. and del. one 14-in. and two 12-in. gate valves; 1 1/4-in. to 12-in. wye and 3 branches for 12-in. wye and 2 1/4 in. (more or less) c. 1 1/2-in. pipe. Spec. on file in office of clerk L. L. Mills, city eng.

TAFT, Kern Co., Cal.—City trustees plan installation of electrolier system in Fourth and North Streets. System will be financed by property owners.

CHICO, Butte Co., Cal.—Until Dec. 5, 8 p. m., bids will be received by Ira L. Morrison, city clerk, for fur. 2500 ft. 2 1/2-in. double jacket fire hose with couplings complete. Cert. check 10 per cent required with each bid.

OAKLAND, Cal.—Moore Shipbuilding Co., Oakland, at \$18,900 awarded contract by Associated Oil Co., to repair tanker Kewanee. Other bids: Hanlon Shipbuilding Co., \$19,531; Bethlehem Co., \$23,331; General Engineering and Drydock Co., \$33,547.

RAILROADS

TEMPLETON, San Luis Obispo Co., Cal.—Hauser Const. Co., Henry Ridge, Fortland, Ore., awarded contract by Southern Pacific R. R. to const. approx. 1/2 mile railroad change near this city, involv. approx. 20,000 cu. yds. excav.

SANTA ROSA, Sonoma Co., Cal.—Kaiser Paving Co., San Francisco, purchases industrial railroad from county supervisors for \$6,000. The road was purchased by the county for \$30,000 to be used in connection with highway construction. Consists of locomotive and 450 sections of steel rails and ties.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

CALIFORNIA.—Following bids received November 24, by District Engineer U. S. Bureau of Roads, 831 Mills Bldg., San Francisco, to construct Cuyama road, National Forest Highway project, in Santa Barbara National Forest, counties of Santa Barbara and San Luis Obispo, located about 19 miles northeast of Santa Maria along slope south of Cuyama River, approximately 15.1 miles in length, involving 726 stations clearing, 829,000 cu. yds. of earth, 15,000 cu. yds. of unclassified excavation; 367 cu. yds. dry rubble masonry (retaining walls); 1759 cu. yds. Class A concrete culverts; 315 cu. yds. Class B concrete (head walls); 227,300 lbs. reinforcing steel; 8040 lin. ft. corrugated metal pipe culverts; 200 cu. yds. hand placed embankment; 13,100 lin. ft. right-of-way; 1470 sq. yds. ditch paving.

Section "A"

David H. Ryan, San Diego, \$327,336
Less eq. rental, \$2400; Total \$234,936.
Sam Hunter, Santa Barbara, \$318,222
Less eq. rental, \$2200; Total \$186,022.
Boyd Bros., San Diego, \$178,203.50
Less eq. rental, \$9806; Total, \$168,397.50.
Isbell Constr. Co., Fresno, \$249,886
Less eq. rental, \$4150; Total, \$245,736.
W. A. Dechtel, San Francisco, \$251,383
No eq. rental.
Warren Const. Co., Oakland, \$178,966.60
No eq. rental.

Section "B"

Sam Hunter, Santa Barbara, \$514,796.20
Less eq. rental, \$9300; Total, \$505,496.20.
Boyd Bros., San Diego, \$403,147.50
Less eq. rental, \$28,628; Total, \$374,519.50.
W. A. Dechtel, S. F., \$659,254.50
No eq. rental.

Section "C"

Bates & Borland, Oakland, \$709,785
Less eq. rental, \$11,850; Total, \$698,934.56.
Wm. Amdt, San Francisco, \$787,873
Less eq. rental, \$27,104; Total, \$760,769.
C. H. Hudson, Los Angeles, \$491,602.30
No eq. rental.
Sam Hunter, Santa Barbara, \$640,174
Less eq. rental, \$9300; Total, \$630,874.
Boyd Bros., San Diego, \$553,879
Less eq. rental, \$44,043; Total, \$509,836.
W. A. Dechtel, S. F., \$911,513.50
No eq. rental.
Palmer & McBryde, S. F., \$578,287.50
No eq. rental.
Fah Constr. Co., S. F., \$768,438.20
No eq. rental.
A. J. & J. L. Fairbanks, Willits, \$756,324; Less eq. rental, \$13,250; Total, \$743,074.

SAN ANSELMO, Marin Co., Cal.—Hendley-Moore & McNair, 2030 High St., Oakland, submit low bid to town trustees to improve streets in Barber tract, involve 2060 cu. yds. grading, excavation; 86,770 sq. ft. grading, surface; 16,770 sq. ft. 2-course, 18-in. asphalt macadam pavement; 9900 ft. conc. curb; 15,540 ft. conc. gutter; 390 cu. ft. conc. curbwalk; 16 ft. conc. culvert; 151 ft. 30-in. and 52 ft. 18-in. corr., seg. culvert; 28 ft. 24-in., 78 ft. 12-in. corr., culvert; 20 ft. 10-in. corr., iron pipe; 20 ft. 12-in. vit. pipe; 5 manholes; 8 catchbasins; 1 other bid: J. A. Mero, Richmond, \$1,009; Huennekens and Vernon, Stockton, \$19,352. Taken under advisement.

SANTA ROSA, Sonoma Co., Cal.—Until Dec. 5, 1 p. m., bids will be rec. by Vida McNeil Douggett, city clerk, for and del. of 1 cu. yd. Santa Rosa, 30 carloads, more or less, crushed rock; size to be determined with presentation of each order. Spec. on file in office of clerk, L. L. Mills, city eng.

ORANGE, Cal.—Res. of Inten. No. 52 adopted by city trustees for construction of an outfall sewer under the joint project of Santa Ana, Anaheim, Fullerton and Orange; W. A. White, clerk.

MONTEREY, Monterey Co., Cal.—City trustees to plan paving of Abrego St., bet. Pearl and Fremont Sts.

BURBANK, Cal.—Until 6:30 p. m., Dec. 12, bids will be received by City Clerk P. S. Webster, 19 Olive Ave., bet. 150 ft. south of Main St. and Flower St., in the city of Burbank, involving grading 11 ft. on each side of centre, and paving with Willits asphalt, 11 ft. each side of centre; 1911 Act. Plans and spec. on file with city clerk.

TAFT, Kern Co., Cal.—City trustees petitioned to pave North St., bet. 6th and county highway and 4th St., bet. Kern and north city limits. Taken under advisement.

CHICO, Butte Co., Cal.—City Eng. F. S. Robinson instructed to prepare plans to pave 22 blocks of streets; est. cost \$150,000. Streets to be paved are: Second St., from Chestnut to Orange; Third, from Salem to Orange; Fourth, from Salem to Orange; Normal Ave., from First to Fifth; Hazel Ave., from First to Fifth; Ivy Ave., from First to Fifth; Cherry Ave., from First to Fifth; Orange Ave., from First to Fifth; Second St., from Main to Sierra; Third St., from Main to Flume; First St., from First to Orient; Wall Ave., from Second to Fifth; Flume Ave., from First to Third; Sixth and Seventh from Broadway to Main; Ninth St., from Broadway to Oroville Ave.; Oroville Ave., from present paving to Little Chico Creek; 1911 Act. Plans and spec. on file with city clerk, M. J. Humboldt to north of Little Chico Creek Bridge, and Salem, from Fifth to Sixth.

SAN DIEGO, Cal.—California Construction Co., Union Bldg., San Diego, submitted low bid to council for improving Juniper St., bet. First St. and Railroad Park, involving 102,000 sq. ft. 2-in. asphalt conc. paving with 1 1/2-in. asphalt conc. wearing surface at 14.96 sq. ft., 1159 sq. ft. cem. walk at 22c ft., 200 lin. ft. curb at 56c ft., removal of existing walk at 3c ft. removal of existing curb at 10c lin. ft. Fairchild-Gilmore-Willits Co. bid 20c paving, 22c walk, 65c curb, 5c removal of existing walk, 6c removal of existing curb. Bids referred to City Engr. F. A. Rhodes.

ST. HELENA, Napa Co., Cal.—Due to high costs the city trustees have temporarily abandoned the proposal to construct sewage disposal system. Estimated submitted ranged from \$15,000 to \$31,000.

VENICE, Cal.—City Engr. Griffin is preparing plans for the opening of Trolleyway bet. Mildred and Nautia Aves. Eight street and two sewer projects are in process of formation, all with a view toward opening up the area back of the city of Venice. Work will involve 4-in. conc. rock and oil paving, walks, curbs, and lighting systems; 1911 Act. Total est. cost, \$100,000.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention to improve following streets:

Holly St., bet. James and 100th Ave., grading; conc. curbs, gutters, and sidewalks; paving with oil macadam, 1911 Act.

Portions of Grove St., bet. 31st and 32d Sts., by Const. 6-ft. wide cem. walks, 1911 Act.

Alcatraz Ave., from Essex St., southerly, by const. 6-in. vit. sewer; vit. lampholes; wye branches, 1911 Act. Protested, 14. W. W. Harmon, city engineer.

LOS ANGELES, Cal.—Ord. of Inten. adopted by council to const. 12-in. clay pipe storm sewer in Occidental Blvd., bet. Bellevue Ave. and first ally north and in portions of Andrews Blvd., including manholes, catchbasins, covers, etc.; Vrooman Act.

LOS ANGELES, Cal.—Ord. or Inten. adopted by council for const. cem. pipe sewer, 12 to 21-in. dia., in Clinton St., bet. Commonwealth Ave. and Hoover St.; Vrooman Act.

SAN DIEGO, Cal.—Council declares intention to improve:

Alley in blk. 215, University Hts., under 1911 Act, involving 2324 cu. yd. earth excav. and 9610 sq. ft. 4-in. cem. paving.

Alley in blk. 225, University Hts., under 1911 Act, involving 3053 cu. yd. earth excav. and 15,000 sq. ft. 4-in. cem. paving.

Sixty-fifth St., Klauber Ave. and 69th St., under 1911 Act, involving 277339 cu. yd. earth embank. and 151381 sq. ft. surfacing with bitum. macad. F. A. Rhodes, city engr.

KINGSBURG, Fresno Co., Cal.—City trustees approve spec. to pave several streets, including 3 blocks in 20th Ave., 1 block 19th Ave., and Riverside St., bte. 18th and 21st Aves.

SAN JOSE, Santa Clara Co., Cal.—Until Dec. 11, 8 p. m., bids will be received by J. J. Lynch, city clerk, to improve Keyes St., bet. 7th and 10th Sts., involving paving with renite-Bit. surface on 3 1/2-in. bit. conc. base; conc. curbs, gutters, walks and alley driveways; 4 br. catchbasins; 3-in. vit. sewer and Bond Act, 1911. Bond Act. Cert. check 10% payable to city required. Wm. Popp, city eng.

SAN LEANDRO, Alameda Co., Cal.—Until Dec. 18, 8 p. m., bids will be rec. by J. J. Gill, city clerk, to improve Lewis and Mitchell Aves., bet. Hollywood and 19th St., and south of Hollywood, grading, conc. curbs and walks, paving with oil macadam, 1911 Act.

Separate bids, same date, to const. 5-ft. wide cem. walks, where not already, in portions of E-14th St. 1911 Act. R. H. Goodwin, city eng.

OAKLAND, Cal.—Until Dec. 7, 12 m., bids will be received by E. E. Sturgis, city clerk, to improve 104th Ave., bet. E-4th and Sunnyside Sts., paving with oil macadam, const. conc. curbs, gutters and walks; 4 wooden culverts; 1911 Act. Cert. check 10% payable to city required. Spec. obtainable from city clerk. W. W. Harmon, city eng.

MODESTO, Stanislaus Co., Cal.—F. W. McCarton, formerly assistant engineer with Modesto Irrigation District, has been appointed city engineer of Modesto.

SAN RAFAEL, Marin Co., Cal.—S. F. Brownlee, San Rafael, at approx. \$6000 submits low bid to city council place approx. 2275 lin. ft. 6-in. waterbound macadam pavement in streets. Bid taken under advisement.

MONTEREY, Monterey Co., Cal.—City Council, A. J. Mason, clerk, declares intention to improve Abrego St., bet. Fremont St. and Webster and from Webster to Pearl and Pearl to Abrego and Washington; by grading, paving with 2-in. bit. conc. surface on macadam base; conc. curbs; gravel walks; rein. conc. gutter, 1911 Act & Bond Act 1915. Protests Dec. 8. H. D. Severance, city eng.

BERKELEY, Alameda Co., Cal.—City Council, E. M. Mann, clerk, declares intention to construct 6-in. vit. sewer in portion of Avis Rd.; 2 manholes and 3 lampholes, 1911 Act. Protests Dec. 8. C. L. Huggins, city eng.

BERKELEY, Alameda Co., Cal.—City Council, E. M. Mann, clerk, declares intention to const. 6-in. vit. sewer in High Court Tract; conc. catchbasin; 8-in. corr. pipe, 1911 Act. Protested, 14. C. L. Huggins, city eng.

DINUBA, Tulare Co., Cal.—Until Dec. 13, 8 p. m., bids will be received by C. T. Reagan, city clerk, to improve Golden Way bet. 2nd and College Aves., paving with renite-Bit. surface on hyd. conc. base; corr. metal culverts; conc. curbs, gutters, walks and catchbasins; vit. storm sewer pipe etc.; 1911 Act and Bond Act 1915. Cert. check 10% payable to city required. Spec. obtainable from city clerk.

WATSONVILLE, Santa Cruz Co., Cal.—Until Dec. 8, 7:30 p. m., bids will be received by T. S. MacQuiddy, secretary Watsonville Union High School District, 1911 Act and Bond Act 1915. Cert. check 10% required with each bid Spec. obtainable from secretary.

VENTURA, Cal.—Fowler & Myers, San Fernando, awarded contract at \$65,448 to construct 6 miles concrete pipe lines in Zones 1 and 2. Mutual Water Companies.

BERKELEY, Alameda Co., Cal.—City Council, E. M. Hamilton, clerk, declares intention to construct 6-in. vit. sewer in the High Court Tract, 1911 Act. Protests Dec. 12. C. L. Huggins, city eng.

MOORPARK, Cal.—Chippewa Mfg. Co. awarded contract by county supervisors at \$2880 for pump to be used in connection with water system in Moorpark. Waterworks District No. 1. Lullweller Pumping Engine Co. bid \$3448 and Pomona Pump Co. about \$3500. No bids were received for the remainder of the work involving one reinforced concrete reservoir, 150 ft. dia., 10 ft. deep, to be lined with 1-in. concrete, 550 lin. ft. 6-in. riv. steel pipe, 2350 ft. 5-in., 2100 ft. 4-in., 1300 ft. 3-in., and 500 ft. 2-in. screw pipe, 1000 ft. 6-in. screw pipe, 1000 ft. 4-in. and one 3-in. and two 2-in. gate valves, 50 service connections, 12 fire hydrants, reset 25 old meters. C. W. Pettit, County Surveyor, Ventura, is engineer of district. The work will probably be done by the district.

VENTURA, Cal.—Until 11 A. M., Dec. 6, bids will be received by supervisors to construct concrete storm drain on Pothill Road, 466 ft. long, involving 426 ft. 24-in. concrete pipe, 40 ft. 24-in. corrugated iron pipe, 4 ft. 18-in. concrete pipe, 8 ft. 12-in. concrete pipe, 1 1/2 cu. yds. concrete in catchbasins, reinforcing steel. Chas. W. Pettit, County Surveyor.

ORANGE, Cal.—Until 1 p. m., Dec. 12, bids will be received by city council for paving a number of streets in the downtown section with 7-in. conc. The streets included are Orange, Olive, Lemon and Cypress, bet. Almond and Palm Streets, Almond St., bet. Cypress and Almond, Almond St., bet. Orange and Palm bet. Santa Fe tracks and Orange, and North Pine bet. Chapman and Palm Sts.

PHOENIX, Ariz.—The proposition known as amendment No. 100 providing for const. of 100 miles conc. road as a link in the highway bet. Phoenix and Los Angeles, failed to carry at the recent election.

TOMBSTONE, Ariz.—Cochise county supervisors instruct State Engr. Madcock to call for bids for an additional two miles of paving bet. Tombstone and Bisbee.

SANTA ANA, Cal.—County supervisors take under the amendment the fact that the proposed gravel roads in District No. 3 near Stanton, be changed to some other type.

GLENDALE, Cal.—Cornwell & Henderson, 127 S. Glendale Ave., Glendale, submitted low bid to city council at \$2676.51 for paving San Fernando Rd., between Columbus and Doran Aves., involving at 81 ft. 3-in. macadam, 10 ft. 3-in. macadam paving at 10c ft., 12,480 sq. ft. 5-in. paving at 13c ft., 742 sq. ft. gutter at 22c ft., 2371 sq. ft. walk at 11c ft.

SANTA ROSA, Sonoma Co., Cal.—County Surveyor, A. A. Pugh making survey for following highway projects: D St., to Marin county line, Petaluma; Guerneville-Jenner to Mendocino county line and Sebastopol-Forestville highway, Section B.

FRESNO, Fresno Co., Cal.—City Council, R. V. St. George, Clerk, declares intention to construct 6-in. vitrified clay pipe sewers in alleys of Blocks 7, 8, 9, 10, 11, 12, 14, 15 and 16, Grand Avenue Park and Blocks 60 and 61, Grand Boulevard Heights, with wyes, concrete manholes, 1911 Act. Protests December 14. Wm. Stranahan, City Engineer.

OROVILLE, Butte Co., Cal.—Until Dec. 8, 1:45 p. m., bids will be received by C. F. Belding, county clerk, to improve Vallambrosa Ave., near city of Chico, 100 ft. county highway, 374 ft. long. Cert. check 10% required with each bid. Spec. on file in office of county road eng., Harry H. Hume.

SANTA MONICA, Cal.—Kneen Paving Co., Dudley Block, Santa Monica, submitted low bid to City Council, at \$15,100 to construct sewer system in Utah St., between 20th and 23rd Sts., and portions of other streets involving approximately 6 miles of 6-in. to 8-in. cement pipe, sanitary sewer. Other bids were: Milagrenovich & Gillespie, \$16,470; Martin G. Kirkick, \$19,184; Joe Chutuk, \$20,100; Claude Fisher, \$21,300; Shepard & Weber, \$22,500.

LOS ANGELES, Cal.—Nick Bebek, 425 W. 78th St., awarded contract by Board of Public Works, at \$13,400 for const. sewer in Lomitas Dr., bet. Cassatt St. and Huntington Dr., north. Engr.'s est. \$15,251.9.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E. 26th St., awarded contract by Board of Public Works at \$40,241.19 for paving Workman Ave., bet. Maniton Ave. and Mission Rd., involving 141,100 sq. ft. grading at 3c; 12,350 sq. ft. conc. paving at 20c; 714 sq. ft. conc. paving at 23c ft., 142,937 sq. ft. bitum. base paving at 18c ft., 4442 ft. curb at 60c ft., 8765 sq. ft. walk at 20c ft., 7248 sq. ft. gutter at 23c ft., 95 ft. house sewer at \$1.50 ft.; sanitary sewer manhole, \$125. Engr.'s est. \$43,136.62. Other bids were: Ranchhill-Gilmore-Wilton Co., \$43,922.62; Geo. H. Oswald, \$47,212.55.

LOS ANGELES, Cal.—Until 10 a. m., Dec. 4, bids will be received by Board of Public Works for improving under Vroman Act, the following streets: Sierra Vista bet. Western Ave. and Wilton Pl., involv. 48,094 sq. ft. Warrentite-bit. paving, 11 ft. curb, 2584 sq. ft. gutter.

Grand Ave. Pl., bet. Tract 4506 and Melrose Ave., involv. 23,852 sq. ft. asphalt paving, 1000 sq. ft. grading and oiling, 2185 sq. ft. gutter. 8th St., bet. Preston Ave. and Lemoine St., involv. 1224 sq. ft. conc. paving, 3435 sq. ft. grading and oiling, 173 ft. curb, 725 sq. ft. walk, 295 sq. ft. gutter, reinf. conc. stairway.

VENTURA, Cal.—Fairchild-Gilmore-Wilton Co., L. A. Ry. Bldg., Los Angeles awarded contract by supervisors at \$38,600 for paving 3.05 mi. of Graham road about 1 mi. south of Fillmore, involv. 7300 cu. yds. excav., 10,350 lin. ft. shaping and rolling roadbed, 173,600 sq. ft. asphalt conc. pavement, 3300 lbs. steel, 12-in. pipe, 15-in. corr. iron pipe, 60 ft. 18-in. pipe, 12 ft. 48-in. pipe, re-laying 19 ft. 48-in. pipe, J. A. Costello, San Francisco, bid \$43,400. Chas. Pettit, county surveyor.

GLENDALE, Cal.—J. B. Lippincott, 1104 Central Bldg., consulting engineer, commissioned to prepare a report on the sewage treatment plant and disposal problems of the City of Glendale. If his report shows that a treatment plant is required he will engage the service of an engineer to prepare plans and approve his plans and furnish estimates. The city will pay a fee of \$3000.

SAN FRANCISCO—City Eng. M. G. O'Shaughnessy completes spec. to construct sewer in Griffith Ave., bet. Ingerson and Jamestown Aves., est. cost \$1475. Invol. 328 lin. ft. 8-in. and 59 ft. 12-in. pipe sections, 12 concrete manholes and 18 8-in. wye branches.

SAN FRANCISCO.—Board of Public Works awards following contracts: Sewer, 10th St. to Crescent Ave., pt. 150 ft. south to John Brady, \$505.80. Sewer, Flora St., from Bay View Ave. to pt. 200 ft. south to Hugh McGill, \$487.

Sewer 46th Ave., bet. Kirkham and Lawton Sts., to Jas. M. Smith, \$1440. Improve Anderson St., from Crescent Ave. to pt. 375 ft. south to Raisch Improvement Co., \$3580.80. Improve Yosemite Ave., bet. Mendell and Third Sts., to Raisch Improvement Co., at \$12,791.34.

ASHLAND, Ore.—City Council contemplating construction of water system, involves construction of 10 mile pipe line. Estimated cost, \$125,000. Total cost, \$200,000.

FRESNO, Fresno Co., Cal.—Until December 7, 3:30 P. M., bids will be received by R. V. St. George, City Clerk, to construct cement footwalk on E. 6th bet. Fresno and Merced. Certified check 10% payable to city required. Wm. Stranahan, City Engineer

MODESTO, Stanislaus Co., Cal.—Standard Paving Co., Modesto, awarded contract by Council to improve Taylor avenue, between Neoham and Stoddard streets, grading, \$365.80; 2 1/2-in. asphalt conc. base with 1 1/2-in. Warrentite-Bit. pavement, \$17.35 sq. ft.; concrete gutters, \$20.10; concrete curb, \$7.90 lin. ft.; removing curb, \$305 curb, ft. headers, \$10 lin. ft.; 700 Marbelite Standards and foundations, \$67 each; No. 104, G. E. globes, \$10 each; No. 104, G. E. Canopies, \$8.22; G. E. bands for same, \$5.11 each; G. E. acornis for same, \$3.53 each; pull-in boxes, \$4.60 each; 1-in. galvanized conduit, \$1.17 lin. ft.; 3/4-in. galvanized conduit, \$1.17 lin. ft.; 1/2-in. galvanized conduit, \$1.17 lin. ft. Geo. Freitas, City Engineer.

LOS ANGELES, Cal.—Until 11 a. m., Dec. 18, bids will be rec. by supervisors to improve San Fernando Rd., through the downtown district, S. P. Ry. Crossing north to L. A. City limits, in Rd. Dist. No. 5, 8690 ft. or 1.65 mi. by paving with asphalt conc. 22 ft. wide, involv. 506 cu. yds. borrow for earth shoulders, 9550 sq. yds. shaping of earth shoulders, 5619 tons asphalt conc. and 21,242 sq. yds. asphalt flush coat wearing surface. Average haul by truck; sand and gravel, 10 ft. from Junga; asphalt, 30 mi. from El Segundo. Cash cost, No. 196.

BERKELEY, Alameda Co., Cal.—Until Dec. 14, 9 a. m., bids will be rec. by Regents of the University of California for Group One Contract for the California Memorial Auditorium at University Grounds, Berkeley. This contract includes general and detail excavations, and embankments, concrete culverts, tunnels, retaining walls, foundations and piers. See call for bid under official proposal section in this issue.

SAN DIEGO, Cal.—Council declares intention to improve following streets: Lytton St., Chatsworth Blvd and Curtis St., under 1911 Act, involv. 91,918.4 sq. ft. paving with 2-in. asphalt conc. base and 1 1/2-in. Warrentite-bit. wearing surface; 9240.9 sq. ft. paving with 2-in. Warrentite-Bit.; 535.9 lin. ft. conc. curb; 49 lin. ft. curtain wall, 8-in. x 21-in.

Hawk St., Douglas St., Ibis St. and 13th Court, under 1911 Act, involv. \$3,677.68, conc. paving with 2 1/2-in. bitum. base and 1 1/2-in. asphalt wearing surface; 1167.95 sq. ft. conc. walk; 2344 lin. ft. conc. curb; one 1-in. sewer lateral of conc. pipe, 40 lin. ft. conc. walk, 6-in. conc. curb, 18th St., bet. C St. and LaBrea Park, under 1911 Act, involv. 48,911 sq. ft. paving with 3-in. asphalt conc. with 1 1/2-in. asphalt conc. capping surface; two 4-in. conc. sewer laterals; two 6-in. conc. sewer laterals.

For const. culvert across Bk. 51, Olmsted & Low's Addition, under 1911 Act, involv. 125 lin. ft. trench under 4 ft. deep; 90 lin. ft. trench bet. 1 ft. and 6 ft. deep; 231 lin. ft. of 24-in. D. S. conc. pipe.

Alley in blk. 5, Mission Hills, under 1911 Act, involv. 2441 cu. yds. earth excav. and 7642.7 sq. ft. conc. paving. F. A. Rhodes, city eng.

ARCATA, Humboldt Co., Cal.—Until Dec. 21, 8 p. m., bids will be received by W. A. Beers, city clerk, to improve streets involv. 8210 lin. ft. conc. curb, 11,530 sq. ft. conc. paving, 208,073 sq. ft. grading; 235,580 sq. ft. asphalt conc. 2-course, 5-in. pavement; 104 lin. ft. 5 1/2 in. by 20-in. corr. iron and conc. crosswalks; 208 lin. ft. 24-in. corr. iron and conc. culverts; 661.1 in. ft. 7 1/2-in. by 30-in. corr. iron and conc. culvert; 1 1/2 x 21-in. conc. inlet with the connection to existing drainage 15 lin. ft. 6 1/2-ft. conc. culvert, W. S. Farley, eng., Monadnock Bldg., San Francisco.

SANTA ANA, Cal.—A joint meeting of the city engineers of Santa Ana, Orange, Fullerton, and Anaheim will be held at the trustees meeting in Santa Ana, Dec. 6, to discuss the matter of locating a screening plant on the Santa Ana river about 1/2 mile below the Talbert bridge will be discussed. It is probable that this bids for this part of the joint effort will be called for at that time. W. G. Knox, city eng. of Santa Ana.

CALIFORNIA.—Following are approx. quantities of materials required to complete projects for which the following California State Bldg. department will open bids on December 11:

Siskiyou county bet. Granada and Yreka, 5.5 miles, graded and paved with either 4-in. cem. conc. asphalt. or asphalt. macadam; involves 36,000 cu. yds. excav. without classification; 12,500 cu. yds. class A Port. cem. concrete; 15 cu. yds. class A Port. cem. conc. culverts and monuments; 250 lin. ft. 12-in., 270 lin. ft. 18-in., and 360 lin. ft. 24-in. corr. metal pipe; 83 monuments; alternate forms 12-149 cu. yds. asphalt. conc. mixture pavement; 14,890 cu. yds. broken stone asphalt. macad.; 180 tons asphalt grade B spread asphalt. macadam; will furnish rein. steel corr. metal pipe and cement for conc. asphalt. conc. and stone dust for asphalt. conc. asphalt grade E for asphalt. macad.

Siskiyou county, bet. 2 mi. south of Hornbrook and Oregon State Line, 9.8 mi. to be graded; involv. 15,500 cu. yds. excav. without classification; 400 cu. yds. class A Port. cem. concrete; 256 lin. ft. 12-in., 164 lin. ft. 18-in., and 39 lin. ft. 24-in. corr. metal pipe; 34 monuments; commission will furnish rein. steel corr. metal pipe and cement.

Glenn county, bet. Roseville and Lincoln, 5.9 mi. to be surfaced with asphalt. conc. 8,000 tons; commission will furnish broken stone, sand, stone dust and asphalt. conc. for asphalt. concrete.

Glenn county, bet. Willows and pt. on south of Glenn, 11.9 mi. to be graded and surfaced with gravel; involv. 27,500 cu. yds. excav. without classification; 41,200 cu. yds. class A Port. cem. concrete; 52 lin. ft. 12-in., 98 lin. ft. 18-in., 51 lin. ft. 24-in., and 35 lin. ft. 36-in. corr. metal pipe; 270 lin. ft. guard rail; 77 monuments. Commission will furnish rein. steel corr. metal pipe and cement.

Fresno County, bet. Parkfield Junction and Coalinga, 8.9 mi. to be graded; involv. 152,000 cu. yds. excav. without classification; 475 cu. yds. class A Port. cem. concrete; 256 lin. ft. 12-in., 516 lin. ft. 18-in., 22 lin. ft. 24-in., and 23 lin. ft. 36-in. corr. metal pipe; 1,042 lin. ft. guard rail; 7 mi. moving and re-setting property fences; 295 monuments. Commission will furnish rein. steel corr. metal pipe and cement.

Santa Clara County, bet. 5 mi. east of Gilroy and San Felipe, 4.5 mi. to be graded and surfaced with gravel; involv. 35,000 cu. yds. excav. without classification; 800 cu. yds. gravel surface; 250 yds. class A Port. cem. conc. culverts and monuments; 706 lin. ft. 15-in., 444 lin. ft. 18-in., and 84 lin. ft. 24-in. corr. metal pipe; 45 monuments. Commission will furnish rein. steel corr. metal pipe, cement, and sand and coarse aggregate for conc.

SAN BERNARDINO, Cal.—Charles McElvaine awarded contract by council to construct vitrified pipe sewer in 25th street, between Arrowhead and 17th sts., 100 ft. 8-in. pipe, 40 ft. 4-in. connecting sewers, 110 ore flushtank.

CAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention to improve portions of 30th Ave., bet. E-12th and E-14th Sts., grading, concrete curbs and gutters; paving with oil macadam. 1911 Act. Protests Dec. 21. W. W. Harmon, City Engineer.

GOLDEN GALE, Wash.—Until Dec. 5, 10 a. m. bids will be received by District Eng. C. S. Bureau of Roads, to const. Susim-Trou Lake National Forest road, 10 mi. from Columbia National Forest, county of Klickitat, approx. 5.1 mi., involv. 22 acres clearing; 14 acres grubbing; 3,000 cu. yds. rock excavation; 76,000 cu. yds. conc. excav. 900 lin. ft. 6-in. pipe culverts; 160 cu. yds. conc. Bids will be rec. by Klickitat county commissioners, at same time, to a 12-in. 14 mi. from the end of this project and for surfacing both projects C. H. Purcell, Dist. Eng. New Postoffice Bldg., Portland, Oregon.

CALIFORNIA.—Following bids received November 27 by District Engineer C. S. Bureau of Public Roads to construct the Adin-Adin Summit National Forest highway in Modoc county, located approximately 28 miles southwest of Alturas, about 12.9 miles long, involving 269 cu. yds. clearing and grubbing; 5750 cu. yds. rock excavation; 56,550 cu. yds. common excavation; 63,200 cu. yds. overbank; 408 cu. yds. Class A, 218 cu. yds. Class B, and 122 cu. yds. Class C concrete; 55,550 lbs. reinforcing steel; 1750 lin. ft. 15x 24-in. corrugated metal pipe; D. H. Exley, San Diego, \$94,059.50. Less rental eq. \$1204; Total, \$92,855.50.

C. R. Hall, Reno, Nev., \$101,627.50. Less rental eq. \$2,666.30; Total, \$98,961.20.

A. Tieslau, Berkeley, \$108,833. No rental of eq.

J. Welsh, San Francisco, \$111,245.50. Less rental eq. \$3,000; Total, \$108,245.50.

Engineer's estimate, \$84,889.70.

SEATTLE, Wash.—J. A. Tomei & Co., 1017 E-56th St., Seattle, at \$30,298 for clay and \$29,730 for concrete pipe, submits low bid to Board of Public Works, to grade and sewer 16th avenue, northwest, et al.

Alexander & McNeil, Seattle, at \$22,260 for clay and \$21,894 for concrete pipe, low bidders to sewer W-62nd St. et al.

CALIFORNIA.—Until December 26, 2 P. M. bids will be received by State Highway Commission, Forum Bldg., Sacramento, to construct the following units:

Alameda County bet. Donner Summit and Donner Lake, 3.3 mi. to be graded. Imperial County bet. New County Well and Old County Well at Plank road, 1.2 mi. to be grader and paved with asphalt. conc.

See call for bids under official proposal section in this issue.

SACRAMENTO, Cal.—McGillivray Const. Co., Capitol National Bank Bldg., Sacramento, awarded contract by council to improve 32nd St., bet. Poison Blvd. and S. P. right-of-way const. conc. curbs and gutters; c. i. gutters drains with 6-in. vit. connections to 8-in. existing drains; 6-in. vit. sewer services to property line; recon. manholes; 4-in. water main connections; grading and paving with 5 1/2-in. asphalt. conc.

J. W. Terrell, 1111 29th St., Sacramento, awarded contract to improve alley bet. 51st and 52nd Sts. from sewer in alley first north of T St., to pt. 100 ft. 8-in. vit. sewer const. 8-in. vit. sewer with wyes; conc. manhole; 6-in. vit. flusher branch. Albert Givan, city eng.

LOS ANGELES, Cal.—J. G. Beckford, 718 San Fernando Bldg., submitted low bid to supervisors at \$38,947.80 to improve C-tinelle Rd. from west boundary of L. A. City (near Inglewood) west to Washington Blvd., in Rd. Bldg. No. 10, 15th St. contract No. 185, involv. (1) 22,800 cu. yds. excav. at 55c yd.; (2) 21,212 lin. ft. shaping at 20c ft.; (3) 52,500 sq. yds. disint. granite pavement at 40c ft.; (4) 605 cu. yds. placing sub-base material (measured in place) at \$1.15 ft.; (5) 66 ft. 24-in. reinforced conc. pipe at \$3.50 ft.; (6) 231 ft. 30-in. reinforced conc. pipe at \$2.50 ft.; (7) 50 ft. 36-in. reinforced conc. pipe at \$8 ft.; (8) 102.8 cu. yds. conc. for headwalls at \$15 yd.; (9) 1350 lin. ft. moving 1000 cu. yds. of material at 20c yd.; (10) 9000 cu. yds. gravel; Napier & Simpson, 56,570.30; Gibbons & Reed Co., \$89,351; J. Paul Benson, \$72,172.80; Geo. L. Oswald, \$8,929.20; Kuhn & Co., \$93,586.95; W. D. McGraw, \$108,275.20.

LOS ANGELES, Cal.—M. C. Cummings 1202 W. 22nd St., submitted only bid to board of public works to grade 15th St. bet. West Blvd. and 79 ft. southeast, involving 1833 sq. ft. rough grading at 10c ft.; 1833 sq. ft. finish grading; oiling and 43c ft. at 1c ft.; 82 ft. gutter at 43c ft.

C. W. Shafer, 222 W. 33rd St., submitted low bid to grade and oil 25th St., bet. 1st and Bronson Aves., involv. 8256 sq. ft. rough grading at 20c yd.; 8236 sq. ft. finish grading and oiling at 6c sq. ft.; 425 ft. curb at 65c sq. ft.; 2125 sq. ft. walk at 21c ft.; 891 sq. ft. gutter at 31c ft.

Fairchild-Gilmore-Wilton Co., L. A. Ry. Bldg., submitted low bid to pave 24th St., bet. Harriet St. and 36th St. west, involv. 43,538 sq. ft. grading to finish subgrade at 4c ft.; 43,538 sq. ft. conc. paving at 24c ft.; 20,046 sq. ft. grading and oiling at 6c ft.; sanitary sewer complete, \$2046.

LOS ANGELES, Cal.—C. H. White, R. F. D. No. 1, Box 874, Long Beach, submitted low bid to const. supervisors at \$6700 to improve Temple Ave., between Anaheim and 11th Sts., (city boundary improvement No. 2) involving 5-in. cem. conc. pavement approx. 560 ft. long, 36 ft. wide, cem. walks.

B. D. Baucus, 5307 5th Ave., submitted low bid at \$4978 for grading and other improvement work in Cudahy Ave., bet. Randolph and 60th Sts., 1310 lin. ft. or 25 mi. (R. D. I. No. 230), involving 800 cu. yds. excav., 2582 ft. curb, 1125 sq. ft. 6-in. vit. sewer const. removing old walk, 260 ft. removing old curb, 2552 sq. yds. shaping.

No bids received by supervisors for grading and other improvement work on New Ave., bet. 1st and right-of-way and Southern Ave., and 36 mi. (R. D. I. No. 213).

SACRAMENTO, Cal.—Until Dec. 9 p. m. bids will be received by H. G. Denton, city clerk, to improve 7th and 9th Aves., bet. Franklin Blvd. and Wm. Curtis Park const. curbs and gutters; c. i. gutter drains with 6-in. vit. manhole connections; conc. manholes; 8-in. vit. sewers; grading and paving with 5 1/2-in. asphalt. conc. Cutter Way, bet. 7th and 9th Aves., 6-in. vit. sewer const. manhole; 8-in. vit. sewer with 6-in. vit. wye branches; 6-in. vit. sewer services to property line; grading and paving with 5 1/2-in. asphalt. conc.

Separate bids to improve 52nd St., bet. H and J Sts.; 6-in. vit. sewer with wyes; 8-in. vit. sewer const. sewer services to property line; conc. manholes. Separate bids to imp. H St., bet. 10th and 11th Sts., const. catchbasins and gutters; 8-in. vit. sewer connections; grading and paving with 5-in. hyd. conc.

Separate bids to improve 56th St., bet. R & T Sts., const. conc. curbs and gutters; c. i. gutter drains with 6-in. vit. manhole connections; recon. manholes; grading and paving with 5 1/2-in. asphalt. conc.

Separate bids to improve alley bet. K, L, and 3rd Sts., const. conc. curb wall; recon. manholes and catchbasin; grading and paving with 5-in. hyd. conc. Albert Givan, city eng.

SAN MARINO, Cal.—Until 8 p. m., Dec. 13, bids will be received by city trustees to const. an outfall sewer in the city of San Marino, consisting of approx. 2 mi. 12-in. vit. pipe. Plans and spec. are on file at the office of the city clerk, H. W. Joyce, at 1016 E. Huntington St., and alive Dr. opposite the San Marino station of the Pacific Electric Ry., or at the office of William Chalmers, engr., 61 S. Raymond Ave., Pasadena. Cert. chk. or bond 10%. The sewer is a section of a new Pasadena line running through San Marino and Alhambra to Pasadena sewer farm. Bonds to amount of \$100,000. Approx. quantities are: 2036 1/2 ft. 12-in., 2200 ft. 14-in., 3350 ft. 16-in., 2170 ft. 18-in. and 1560 ft. 20-in. vit. clay pipe; 54 manholes and 150 6-in. vit. pipe.

SACRAMENTO, Cal.—City Council, H. G. Denton, city clerk, declares intention to improve under 1911 act, following streets:

Stockton Blvd. from sewer in place in 5th ave., to alley 1st north of 9th city block; const. 8-in. vit. sewer; manholes; alley 1st north of 9th Ave. from pt. 37 ft. from Stockton Blvd., to pt. 1739 ft. east; const. vit. sewer with wye branches; conc. manholes; flusher branch.

Alley bet. K and L, 6th and 7th Sts.; const. 10-in. vit. sewer with 6-in. vit. wye branches; attached from manhole in place in 7th St. to 6th St. 6th St.; extending 6-in. vit. sewer services to prop. line; removing 8-in. vit. sewer; recon. conc. manholes and catchbasin; 1500 sq. ft. 16-in. vit. sewer const.; grading and paving with 7-in. hyd. conc. Protests Dec. 14. Albert Givan, city engineer.

PASADENA, Cal.—Res. of inten. No. 4443 adopted by city directors for constructing 6-in. east from class B water main, 15th St., bet. 1st and 2nd Sts., and 215 ft. north.

Contracts Awarded

Liens, Acceptances, Etc.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
4161	Sand	Smith	14000
4162	Lund	Owner	2000
4163	Mahoney	Barrett	15000
4164	Tretton	Wilson	12000
4165	Kidder	Parker	8000
4166	Samuel	Fontanella	6500
4167	Hogrefe	Owner	5000
4168	Moore	Schell	4000
4169	Weinstock	S. F. Owen	1725
4170	Guaraglia	De Martini	10900
4171	Buck	Mager	3750
4172	Denike	Michels	5500
4173	Hind	Hind	24000
4174	Moody	Snyder	6200
4175	Bjorkman	Owner	3000
4176	Gould	Cox	7000
4177	Cox	Owner	4000
4178	Barman	Zane	3800
4179	Mayer	Mitchell	10500
4180	Tyler	Owner	50000
4181	Lindeman	Owner	5000
4182	Keith	Mohier	4500
4183	Stapf	Hall	8500
4184	Genocchio	Swanson	8730
4185	Chutes	Friedle	12500
4186	Peterson	Owner	5000
4187	Carlson	Carlson	8500
4188	Eriksen	Owner	3850
4189	Penzner	Larson	7500
4190	Gladding	Owner	1500
4191	Weymouth	Furdy	2000
4192	Tietjen	Coburn	1500
4193	Anderson	Meyer	31050
4194	Anderson	Meyer	4850
4195	Fitzhugh	Mealey	52500
4196	Martin	Owner	4000
4197	Lindecker	Owner	2000
4198	De Boom	Furlong	16000
4199	Young	Owner	4000
4200	Olsen	Owner	4000
4201	Lewis	Owner	5000
4202	Nelson	Owner	12000
4203	Furniss	Owner	1800
4204	Ehrenpfort	Wengard	5700
4205	Lewis	Owner	5000
4206	Shilton	Mullen	1000
4207	Purcell	Owner	3000
4208	Janssen	Owner	13900
4209	Fremmer	Bienfield	—
4210	Dowling	Owner	6000
4211	O'Neill	Owner	10000
4212	Prohl	Holm	7500

FRAME FLATS

(4161) SW CLAYTON AND FULTON. Two-story frame flats. Owner—Dr. Howard J. Sand, 2221 Larkin St., San Francisco. Architect—Milton W. Morrison, 618 Sharon Bldg., San Francisco. Contractor—Frank Smith, 2230 17th Ave., Oakland. \$14,000

DWELLING

(4162) W CAPITAL 250 S De Montford. One-story frame dwlg. Owner—O. W. Lund, 1162 Capital Ave., San Francisco. Architect—None. \$2000

GARAGE

(4163) S HERON 145 E Eighth St. Two-story concrete public garage. Owner—New Process Laundry. Architect—Lee C. Mahoney and B. Goldman, 918 Harrison St., San Francisco. Contractor—Barrett & Hulp, 918 Harrison St., San Francisco. \$15,000

DWELLING

(4164) NE MIRAMAR AVE AND Wildwood Way. Two-story frame dwelling. Owner—A. C. Tretton, 871 Mission St., San Francisco. Architect—Miss Ida McCain, 318 Kearny St., San Francisco. Contractor—Wilson & Benson, 336 Ashton Ave., S. F. \$12,000

DWELLING

(4165) SE THIRTEENTH AVE AND Cabrillo. One-story frame dwlg. Owner—Mrs. Sarah A. Kidder, Ingleside Terrace, San Francisco. Architect—Harold G. Stoner, 1st National Bank Bldg., San Francisco. Contractor—C. F. Parker, 15 Merced Ave., San Francisco. \$8000

ALTERATIONS

(4166) SE KEARNY AND PINE. All work for alterations to building. Owner—Mortimer A. Samuel, Alexander Bldg., San Francisco. Architect—August G. Headman, Call Bldg., San Francisco. Contractor—Fontanella & Teza, 1682 Eddy St., San Francisco. Filed Nov. 24, '22. Dated Nov. 22, '22. Payments of 75% of cost of material and labor on 15th of each month. Contractor to receive 10% of total cost. \$6500

Bond, none. Limit, 30 days. Forfeit, \$20. Plans and specifications filed.

APARTMENT'S

(4165) W POWELL 100 S Pine. Six-story and basement Class C (12) apartments. Owner—Herman Hogrefe, 625 Powell St., San Francisco. Architect—Edward E. Young, 251 Kearny St., San Francisco. \$50,000

FLATING WORKS

(4168) E FOLSOM 188-9 N Nineteenth. One-story frame plating works. Owner—S. C. Moore, 133 Kearny St., San Francisco. Architect—None. Contractor—Samuel Schell, 180 Jessie St., San Francisco. \$4000

BAKE OVEN

(4169) NO. 142 CALIFORNIA. Construct brick bake oven. Owner—Harris Weinstock Estate, 142 California St., San Francisco. Architect—None. Contractor—San Francisco Oven Co., 1263 Eddy St., S. F. \$1725

FRAME BLDG.

(4170) E SCOTT 75 N Greenwich N 25x80. All work except shades and electric light fixtures for two-story and basement frame structure. Owner—Giacomo B. Guaraglia, 2529 Greenwich St., San Francisco. Architect—Owner. Contractor—Paul De Martini, 2869 Octavia St., San Francisco. Filed Nov. 25, '22. Dated Nov. 25, '22. Frame up to roof rafters. \$2735

Brown coated. 2725
Completed and accepted. 2725
Usual 35 days. 2725
TOTAL COST, \$10,900

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

STORE BUILDING

(4171) S GEARY 106-8 E Twenty-third Ave. All work except gas and electric fixtures for one-story frame building (2 stores). Owner—Jennie N. Buck, 1939 Oak St., San Francisco. Architect—None.

Contractor—Mager Bros., 1318 Valencia St., San Francisco. Filed Nov. 25, '22. Dated Nov. 18, '22. Frame up. \$940
Brown coated. 940
Accepted. 940
Usual 35 days. 940
TOTAL COST, \$3760

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDING

(4172) N ARMY 75 W Bryant. All work for building. Owner—Chas. R. Deinke, 220 Charter Oak Ave., San Francisco. Architect—None.

Contractor—John Michels and Christ Bomer, 220 Charter Oak Ave., San Francisco. Filed Nov. 25, '22. Dated Sept. 26, '22. Frame up. \$1375
Brown coated. 1375
Completed and accepted. 1375
Usual 35 days. 1375
TOTAL COST, \$5500

Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

APARTMENTS

(4173) S O'FARRELL 92-6 E Franklin E 45x80 W A St. All work for three-story frame apartment building.

Owner—Alfred E. Hind, 885 Webster St., Oakland. Architect—None. Contractor—Harry W. Hind, 885 Webster St., Oakland. Filed Nov. 25, '22. Dated Nov. 20, '22.

Enclosed. \$5600
Brown coated. 6000
Completed and accepted. 6000
Usual 35 days. 6000
TOTAL COST, \$24,000

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE

(4174) E FORTY-SIXTH AVE 270 S City. Two-story and basement frame residence.

Owner—G. R. Moody, 544 46th Ave., San Francisco. Architect—Walter King, 312 Call Bldg., San Francisco. Contractor—E. A. Snyder and J. F. Cook, 783 Clayton St., San Francisco. \$6200

DWELLING

(4175) S GENEVA 100 E Munich. One-story and basement frame dwlg. Owner—Victor Bjorkman, 4539 Mission St., San Francisco. Architect—None. \$3000

FRAME FLATS

(4176) S IRVING 57-6 E Twenty-seventh Ave. Two-story and basement frame (2) flats. Owner—Julia Gould, 1371 25th Ave., San Francisco. Architect—None.

Contractor—Cox Bros., 1309 9th Ave., San Francisco. \$7000

DWELLING

(4177) N KIRKHAM 95 E Sixth Ave. Two-story and basement frame dwelling.

Owner—Cox Bros., 1309 9th Ave., San Francisco.
 Architect—None. \$4000

DWELLING
 (4178) W MADRID 175 S France.
 One-story and basement frame dwelling.
 Owner—Harry Barman, 696 Haight St., San Francisco.
 Architect—None.
 Contractor—W. B. Zane, 114 Russ St., San Francisco. \$3800

FRAME FLATS
 (4179) W GUERRERO 65 S Eighteenth
 Two-story and basement frame (2) flats.
 Owner—Rilla Kearns Mayer and Chas. Herold, Army St. and San Bruno Ave., San Francisco.
 Architect—None.
 Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S. F. \$10,500

APARTMENTS
 (4180) S O'FARRELL 87-6 W Hyde.
 Four-story and basement reinforced concrete (32) apartments.
 Owner—Percy D. Tyler, 1438 Cabrillo St., San Francisco.
 Architect—Woodworth Wethered, 755 Mission St., San Francisco. \$50,000

RESIDENCE
 (4181) W TWENTY-THIRD AVE 25 S Cabrillo. One-story and basement frame residence.
 Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
 Designer—W. R. Lindeman, 530 Balboa St., San Francisco. \$5000

BUILDING
 (4182) W TWENTY-THIRD AVE 150 S Geary. All work for one-story frame building.
 Owner—A. H. Reith, 4121 18th St., San Francisco.
 Architect—None.
 Contractor—Thos. E. Mohler, 458 23rd Ave., San Francisco.
 Filed Nov. 27, '22. Dated Nov. 23, '22.
 Frame up \$1125
 Brown coated 1125
 Completed 1125
 Usual 35 days. TOTAL COST, \$4500
 Bond, limit, forfeit, plans and specifications, none.

BUILDING
 (4183) S DORCHESTER WAY about 150 E Claremont Blvd. All work except plumbing, electric wiring, fixtures, automatic heater, hot air furnace for one-story frame bldg.
 Owner—Wm. F. and Freda Stapff, 128 18th Ave., San Francisco.
 Architect—None.
 Contractor—C. A. Hall, 1301 4th Ave., San Francisco.
 Filed Nov. 27, '22. Dated Nov. 25, '22.
 Roof on \$2125
 Brown coated 2125
 Completed 2125
 Usual 35 days. TOTAL COST, \$8500
 Bond, limit, forfeit, none. Plans and specifications filed.

DWELLING
 (4184) LOT 19 BLK 6, Crocker Amazon Tract. All work for one-story and basement frame dwlg.
 Owner—Antonio Genocchio.
 Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
 Contractor—Ernest Swanson, 329 Lowell St., San Francisco.
 Filed Nov. 27, '22. Dated Nov. 24, '22.
 Enclosed and roof sheathing on \$2182.50
 Brown coated 2182.50
 Completed and accepted. 2181.50
 Usual 35 days. TOTAL COST, \$8730.00
 Bond, \$4365. Sureties, Wm. F. Cody and C. F. Jackson. Limit, 100 days. Forfeit, none. Plans and specifications filed.

CONCESSION
 (4185) GREAT HIGHWAY bet. Calbrillo and Fulton. One-story frame amusement concession (whirlpool).
 Owner—Chutes-at-The-Beach, Inc., 790 Great Highway, San Francisco.
 Architect—Miller & Baker, Inc., Home-wood, Ill.
 Contractor—Friedle & Leoff, 790 Great Highway, San Francisco. \$12,500

DWELLING
 (4186) N PORTOLA 447 E Kensington. One-story and basement frame dwelling.
 Owner—C. H. Petersen, 216 Sharon Bldg., San Francisco.
 Architect—Harold C. Stoner, 1st Nat'l Bank Bldg., San Francisco. \$5000

FRAME FLATS
 (4187) E RAMONA 115 S Fourteenth. Two-story and basement frame (4) flats.
 Owner—Carlson & Newson Jr., 180 Jessie St., San Francisco.
 Architect—None.
 Contractor—O. E. Carlson, 180 Jessie St., San Francisco. \$8500

DWELLING
 (4188) E THIRTY-FIFTH AVE 175 N Balboa. One-story and basement frame dwelling.
 Owner—C. Eriksen, 1467 Church St., San Francisco.
 Architect—None. \$3850

FRAME FLATS
 (4189) S CARRILLO 52-6 W 15th Ave. Two-story and basement frame (2) flats.
 Owner—Penziner & Larson, 1032 Balboa St., San Francisco.
 Architect—None.
 Contractor—S. Larsen, 146A Highland Ave., San Francisco. \$7500

GARAGE
 (4190) S MINNA 108 W New Montgomery. One-story brick private garage.
 Owner—Gladding, McBean & Co., Crocker Bldg., San Francisco.
 Architect—None. \$1500

ALTERATIONS
 (4191) NO. 240 MONTGOMERY ST.
 Alter offices for lofts.
 Owner—Frank Weymouth, 312 Bush St., San Francisco.
 Architect—None.
 Contractor—W. O. Purdy, 2045 Divisadero St., S. F. \$2000

REPAIRS
 (4192) NO. 2200 UNION. Repair damage to rustic stairs, painting, tinting, plumbing, etc., for stores and flats.
 Owner—R. Tietjen, 2300 Filbert St., San Francisco.
 Architect—None.
 Contractor—Chas. Coburn, 180 Jessie St., San Francisco. \$1600

COTTAGES
 (4193) E TWENTY-EIGHTH AVE 125 N Balboa. All work for four six-room and 3 5-room cottages.
 Owner—Jonathan Anderson, 410 16th Ave., San Francisco.
 Architect—None.
 Contractor—Meyer Bros., 5326 Geary St., San Francisco.
 Filed Nov. 28, '22. Dated Oct. 18, '22.
 Frame up \$7762.50
 Brown coated 7762.50
 Completed 7762.50
 Usual 35 days. TOTAL COST, \$31,050.00
 Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.

COTTAGE
 (4194) E TWENTY-EIGHTH AVE 275 N Balboa. All work for 6-room cottage.
 Owner—Jonathan Anderson, 410 16th Ave., San Francisco.

Architect—None.
 Contractor—Meyer Bros., 5326 Geary St., San Francisco.
 Filed Nov. 28, '22. Dated Nov. 8, '22.
 Frame up \$1212.50
 Brown coated 1212.50
 Completed 1212.50
 Usual 35 days. TOTAL COST, \$4850.00
 Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.

OFFICE BLDG.
 (4195) NE POST AND POWELL N 137-6XE 162-9. Brick work for ten story and basement Slass A office building.
 Owner—Wm. M. and Mary E. Fitzhugh, Mills Edge, San Francisco.
 Architect—Riley Bros., 105 Montgomery St., San Francisco.
 Contractor—Mealey & Collins, 180 Jessie St., San Francisco.
 Filed Nov. 28, '22. Dated Nov. 16, '22.
 On 10th of each month. 75%
 Usual 35 days. TOTAL COST, \$52,500
 Bond, \$26,250. Surety, The Fidelity & Casualty Co. of New York. Limit, May 30, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
 (4196) E ASHTON AVE 150 N Holloway. One-story and basement
 Owner—A. Marlin, 254 Lee Ave., San Francisco.
 Architect—None. \$4000

DWELLING
 (4197) W BRITTON 133 S Visitation. One-story and basement frame dwelling.
 Owner—W. J. Lindecker, 119 Loehr St., San Francisco.
 Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$2000

PAINT SHOP
 (4198) S COMMERCIAL bet. Kearny and Montgomery. Two-story and basement paint store.
 Owner—De Boom Paint Co., — Clay St., San Francisco.
 Architect—H. A. Minton, 853 Monadnock Bldg., San Francisco.
 Contractor—James Furlong, 348 Monadnock Bldg., S. F. \$16,000

STUDIO
 (4199) N CALIFORNIA 112-6 W Octavia. One-story frame studio.
 Owner—Edward E. Young, 251 Kearny St., San Francisco.
 Plans by Owner. \$4000

DWELLING
 (4200) E DELANO 25.14 S San Juan. One-story and basement frame dwelling.
 Owner—Olaf Olson, 360 Granada Ave., San Francisco.
 Architect—H. C. Baumann, 251 Kearny St., San Francisco. \$4000

DWELLING
 (4201) S FIFTEENTH AVE 300 S Judah. One-story and basement frame dwelling.
 Owner—Lewis & Worswick Co., Inc., 366 Golden Gate Ave., S. F.
 Architect—None. \$5000

DWELLINGS
 (4202) E FORTY-THIRD AVE 375, 400, 425 and 550 N Fulton. Four one-story and basement frame dwlg.s.
 Owner—N. J. Nelson, 245 19th Ave., San Francisco.
 Architect—None. \$3000 each.

DWELLING
 (4203) W FORTY-THIRD AVE 100 N Judah. Two-story and basement frame dwelling.
 Owner—Gustav Furniss, 1365 43rd Ave., San Francisco.
 Architect—None. \$1800

WELLING
 (04) W FORTIETH AVE 175 S Lincoln Way. One-story and basement frame dwelling.
 Owner—Walter Ehrenpfort, 1322 42nd Ave., San Francisco.
 Architect—None.
 Contractor—C. Wengard, 1286 34th Ave., San Francisco. \$5700

WELLING
 (205) S JUDAH 327 S Fifteenth Ave. One-story and basement frame dwelling.
 Owner—Lewis & Worswick Co., Inc., 366 Golden Gate Ave., S. F.
 Architect—None. \$5000

ALTERATIONS
 (206) NO. 1073 MARKET. Alter for tailor shop; partitions, etc.
 Owner—Victor Shilton, 264 Kearny St., San Francisco.
 Architect—None.
 Contractor—Mullen Mfg. Co., 64 Rausch St., S. F. \$1000

WELLING
 (4207) E PRESIDIO AVE 49 N Post. One-story and basement frame dwelling.
 Owner—J. S. Purcell, 856 Presidio Ave., San Francisco.
 Architect—None. \$3000

FLATS
 (4208) E TWENTIETH AVE 100 and 125 S Clement. Two two-story and basement frame (2 in each) flats.
 Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
 Architect—None. \$6950 each

RESIDENCE
 (4209) E THIRD AVE 134-0% S Cabrillo. One-story and basement frame residence.
 Owner—Reinhold Fremmer, 1787 Mission St., San Francisco.
 Architect—Frederick G. Munk Jr., 68 Francis St., San Francisco.
 Contractor—Dahiel L. Beinfeld, 1405 Clement St., San Francisco. \$—

DWELLINGS
 (4210) W THIRTY-THIRD AVE 221 and 253 S Cabrillo. Two one-story and basement frame dwellings.
 Owner—J. F. Dowling, 271 Russ Bldg., San Francisco.
 Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$3000 each

INDUSTRIAL PLANT
 (4211) S NATOMA 135 W Third. One story and basement reinforced concrete industrial plant.
 Owner—Daniel O'Neill, 6% Architect.
 Architect—J. E. Kraft & Sons, Phelan Bldg., S. F. \$10,000

ALTERATIONS
 (4212) NW CLAY AND LARKIN S 27-8% W 100. All work for alterations and additions to two-story frame building (3-story apmnts.)
 Owner—Wm. R. Proll, Gertrude B. Bury and Carl H. Proll, Premises.
 Architect—None.
 Contractor—Theo. S. Hoin, 1739 Washington St., San Francisco.
 Filed Nov. 29, '22. Dated Nov. 23, '22.
 Ready for plaster.....\$1875
 Standing finish completed..... 1875
 Completed and accepted..... 1875
 Usual 35 days..... 1875
 TOTAL COST, \$7500
 Bond, \$3750. Surety, Minnie A. Hoin.
 Limit, 90 days. Forfeit, none. Plans and specifications filed.

Nov. 23, 1922—S ARMY 200 E De Haro S 4 21' E 248.2 S 53' 31' E 236.17 S 47' 42' E 156.6 N 53' 31' E 827.24 N 4' 21' W 116.23 S 85' 39' W 460. Pacific Gas & Electric Co. to H C Vensano & Co., Nov. 22, 1922
 Nov. 23, 1922—E STOCKTON 25 S Post. The Rudolph Wurliizer to J A Korrell, Nov. 8; Crown Electric Co., Nov. 7; The American Marble & Mosale Co., Nov. 11; Fink & Schindler Co., Nov. 16; The Inland Floor Co., Nov. 18; Fred Wagner, Nov. 17, 1922—LOT 7 BLK 3111 Westwood Park. Linnie Morris to whom it may concern, Nov. 16, 1922
 Nov. 17, 1922—S GEARY 186-3 W Leavenworth W 48-9X8 137-6 S Ronda to G P W Jensen, Nov. 16, 1922
 Nov. 17, 1922—S GEARY 137-6 W Leavenworth W 48-9X8 137-6 S Cohn to G P W Jensen, Monahan & Slavin, Gille Schmid Co., American Elec Eng Co and C W Withington, Nov. 16, 1922
 Nov. 24, 1922—W TWENTY-THIRD AVE 183 N Cabrillo N 26XW 120. Arthur P Margraf to Harry Moran, Nov. 23, 1922
 Nov. 24, 1922—NE ELEVENTH AVE and Clement 50 on 11th Ave by 80 on Clement. Ida Welisch & Samuel Blum to whom it may concern, Nov. 6, 1922
 Nov. 24, 1922—NE ELEVENTH AVE and Clement 50 on 11th Ave by 80 on Clement. Ida Welisch & Samuel Blum to Mission Concrete Co., Nov. 8, 1922
 Nov. 24, 1922—S GREEN 126 E Polk 50x125. A Ramazzotti and Joe Chiotto to whom it may concern, Nov. 24, 1922
 Nov. 24, 1922—N CHESTNUT 87-6 E Franklin N 100X25. Harry B and Angelica Ellis to John Harder, Nov. 23, 1922
 Nov. 24, 1922—S NEWCOMB 262-6 E Lane. C M Rasmussen to Madden Hammersmith Development Co., Nov. 24, 1922
 Nov. 24, 1922—E MISSION 50 S Appleton Ave. John McCall to whom it may concern, Nov. 23, 1922
 Nov. 24, 1922—SE ANZA & FORTY-second Ave S 50X2 82-6. Richard Adamson to Carl T Wengard, Nov. 22, 1922
 Nov. 24, 1922—S BEACH 137-6 E Hyde. California Packing Corp to Barrett & Hilt, Nov. 21, 1922
 Nov. 24, 1922—W TWEN-Y-SIXTH AVE 125 N Ulloa 25x120. Lillie M Brewington to Edw A Johnson, Nov. 24, 1922
 Nov. 24, 1922—W SHRADER 95 S Parnassus Ave 25x100. John J Binet to whom it may concern, Nov. 24, 1922
 Nov. 24, 1922—NW SHRADER and Gratten. John J Binet to whom it may concern, Nov. 24, 1922
 Nov. 25, 1922—N BALBOA 63-9 E Fifteenth Ave E 30XN 96. Mary A Carr to Hinch Bros., Nov. 25, 1922
 Nov. 25, 1922—E TWENTY-FIRST AVE 100 S Lincoln Way E 120X8 25. H D Watson and wife to whom it may concern, Nov. 25, 1922
 Nov. 25, 1922—E GOUGH 58 S Filbert S 26-6X2 101. E Tollini to Peter Sartorio, Nov. 25, 1922
 Nov. 25, 1922—ND. 389 SEVENTEEN on S side 17th 50 E Castro. Leo and Lillie E Hess to whom it may concern, May 5, 1922
 Nov. 25, 1922—E TWENTY-THIRD AVE 175 S California S 25X120. Wm Kirsch to John Little & Son, Nov. 14, 1922
 Nov. 25, 1922—THIRD AND TOWNSEND. Southern Pacific Co to D Zellinsky & Sons, Nov. 17, 1922
 Nov. 25, 1922—NE CRESCENT AVE 71 SE Mission SE 29XNE 100. Alfred E Hind to Harry W Hind, Nov. 24, 1922
 Nov. 25, 1922—S OAK 143-9 E Cole 37-6x137-6. C T Potter to Daniel R Wagner, Nov. 18, 1922

Nov. 23, 1922—N RICHLAND AVE 455 E Murray E 50XN 100. Miriam Elasser to whom it may concern, Nov. 22, 1922
 Nov. 27, 1922—Cong 150 N from NW Fulton and Twenty-fourth Ave N 43d 24th Ave 25XW 120. Benj F Hinkel to whom it may concern, Nov. 25, 1922
 Nov. 27, 1922—S BALBOA 137-6 E 28th Ave. George A Bertram to Meyer Bros., Nov. 25, 1922
 Nov. 27, 1922—E THIRTY-NINTH AVE bet Geary and Anza 175 N Anza and N 150X2 120. Meyer Bros to whom it may concern, Nov. 23, 1922
 Nov. 27, 1922—S CLAY 100 E Presidio Ave. Jules and Nannie Wieniakswl to George M Merritt Building Co., Inc., Nov. 25, 1922
 Nov. 27, 1922—W TWELFTH AVE 225 N Geary N 25XW 120. Albert Hensen to George M Merritt, Nov. 25, 1922
 Nov. 27, 1922—COMG 175 N from NW Fulton and Twenty-fourth Ave N 43d Twenty-fourth Ave 25XW 120. Benj F Hinkel to whom it may concern, Nov. 25, 1922
 Nov. 27, 1922—W NINETEENTH AVE 200 N California N 50XW 120. Edward Glinny to whom it may concern, Nov. 26, 1922
 Nov. 27, 1922—LOT 19 BLK 11. Crocker Amazon Tract. John and Sofia E Carlson to whom it may concern, Nov. 21, 1922
 Nov. 27, 1922—E CARMELITA 190 S Waller S 25X95 12 Bldg 3 Marion Tract. Mrs. Ruth S Kaufman to H J Hansen, Nov. 25, 1922
 Nov. 27, 1922—S LAKE 32-6 W 27th Ave W 37-6X8 100. Frederick J Jacobson to Charles Johnson, Nov. 27, 1922
 Nov. 27, 1922—NE FULTON AND E Ninth Ave N 25 E 81-8 S 25 W 25. Michael McDonough, Nov. 27, 1922
 Nov. 27, 1922—W ASHBURY bet Hayes and Grove Comg. 75 N of Hayes. Anna A Rodden to Thos Proderick, Nov. 27, 1922
 Nov. 27, 1922—LOT 6 BLK 10. St. Francis Wood. Girard B Rosenblatt to J Prnott, Nov. 12, 1922
 Nov. 27, 1922—N ALMA 177-6 E Stanyan. John J Stanton to Fred Warden, Nov. 27, 1922
 Nov. 28, 1922—LOT 1 BLK 3161, and Lot 4 Bldg 3160. Westwood Park. Hans and Esther E Nelson to whom it may concern, Nov. 27, 1922
 Nov. 28, 1922—S CALIFORNIA 82-6 E Punston Blvd E 25X120. Frank Beard to G E Watson, Nov. 11, 1922
 Nov. 28, 1922—W SANSOME 46-10% m or l N Sutter N 91-6XW 122-9. The Anglo & London Paris Nat'l Bank to International Casement Co, Nov. 28, 1922
 Nov. 27, 1922—W CHERRY 82-2 S Jackson 33x52. Edward and Henrietta Lewis to Charles Schwarz, Nov. 27, 1922
 Nov. 29, 1922—W SCOTT 27-6 N O'Farrell N 56XW 96-6. S A Herzberg and Max Katzman to whom it may concern, Oct. 31, 1922
 Nov. 29, 1922—E THIRTY-FIFTH AVE 35 S Balboa S 25X95. John S Purcell to whom it may concern, Nov. 29, 1922
 Nov. 29, 1922—COR. NINETEENTH AVE and Anza No. 500 19th Ave 32-6 470. Paul Massa to R Milward, Oct. 28, 1922
 Nov. 29, 1922—SE THIRTY-SECOND AVE and Geary 32-6x100. Peter Midbust to whom it may concern, Nov. 29, 1922
 Nov. 29, 1922—E TWENTY-EIGHTH AVE 160 S Anza S 35X2 120. Nick Hemmings to Frank Leininger, Nov. 28, 1922
 Nov. 29, 1922—E FRANKLIN 117-N Union 27-6x100. E Risi to F C Amaroso, Nov. 28, 1922
 Nov. 29, 1922—N RICHLAND AVE 400 W Murray. Bernhard N Heglin to whom it may concern, Nov. 29, 1922

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded
 Nov. 23, 1922—S CLEMENT 82-6 W Twelfth Ave. Theodore Mallos to T R Sharman, Nov. 20, 1922

Nov. 29, 1922—LOT 10 BLK 2984 Merritt Terrace. J Prout to whom it may concern.....Nov. 29, 1922
Nov. 29, 1922—LOT 28 BLK 14, Crocker Amazon Tract. Clarence W and Minnie Day to whom it may concern.....Nov. 29, 1922
Nov. 29, 1922—W HYDE 137-6 N Ellis 25x87-6. E V Lacey to J Steur and L Vannuccio & Bro.....Nov. 29, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Nov. 23, 1922—W FLORIDA 234 N Twenty-second N 26xW 100. H L Stockton Lumber Co vs Mike and Doris Quijado and H C Lewis.....\$459.87
Nov. 24, 1922—S BROSNAN 230 W Valencia S 75xW 75. E J Toepfer vs H Faber.....\$160.50
Nov. 24, 1922—S BROSNAN 230 W Valencia W 75xS 75. Eureka Sash Door & Moulding Mills vs Herman Faber and P S Walters.....\$2085.95
Nov. 24, 1922—S BROSNAN 230 W Valencia S 75xW 75. Carl Jess vs H Faber.....\$100
Nov. 24, 1922—LOT 7 BLK 2984, Clarence Court. L A Hufschmidt vs Harvey S Neal and L A Hufschmidt.....\$80.95
Nov. 24, 1922—S BROSNAN 230 W Valencia W 75xS 75. W L Nagel vs P S Walters.....\$508
Nov. 24, 1922—LOT 28 BLK 'J' Mission Terrace. Leonard Lumber Co vs Ramon Bros, Mary Eros and W F Lovell.....\$155.52
Nov. 24, 1922—S BROSNAN 230 W Valencia W 25xS 75. L S Peirano vs H Faber and P S Walters.....\$585
Nov. 24, 1922—S BROSNAN 230 W Valencia W 75xS 75. Appmann Cornice Works vs H Faber and P S Walters.....\$97.50
Nov. 25, 1922—N McALLISTER 137-6 W Jones W 68-9xN 137-6. Frank E Dowdell, H W Dyk and J D Waggoner vs The Salvation Army, A J Reeder, Vukicevich & Bagge
Nov. 25, 1922—W TWENTY-FOURTH Ave 225 N Irving N 25xW 120. R Albertsen vs Belle Brooks.....\$2500
Nov. 27, 1922—LOT 1 BLK 983 fmlly W A 625 37-6x100. The Greater City Lumber Co vs Alice Louise and L S Bradshaw.....\$191
Nov. 27, 1922—S FELTON 73 E Colton tungen E 25xS 100. The Greater City Lumber Co vs Epifanio Baskes.....\$116.55
Nov. 23, 1922—NW FULTON AND Twentieth Ave N 125 W 120 S 25 E 90 S 100 E 30. B W Nichols vs Jas T Newell.....\$210

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Accepted
Nov. 24, 1922—S GREEN 70 W Pierce W 30xS 50. P A Smith Co to Adam Schaefer and Geo A Bos
Nov. 24, 1922—E 1/2 LOT 29 and W 1/2 Lot 30 Blk 3, Lakeview. J H Kruse to J Franchina, The McCarthy Co and Andrew H Lynch.....
Nov. 24, 1922—E HOWARD 30 N Twenty-third. The Greater City Lumber Co to John W and Ellen A Jones.....
Nov. 25, 1922—526 or 379 N McAL-1ster 137-6 W Jones W 68-9xN 117-6. Frank E Dowdell, H W Dyk and J D Waggoner to a J Reeder, The Salvation Army and Vukicevich & Bagge.....
Nov. 27, 1922—W FRANKLIN 35-3 S Broadway S 35x120. Martin & Mitchell and Jack Callaghan to Union Trust Co, Trustees for Alfred Zadig Jr.....
Nov. 28, 1922—S TWENTY-NINTH 155 W Noe W 25xS 114. W R Mc-

Cullugh vs American Bonding Co of Baltimore.....\$120
Nov. 28, 1922—S POST 137-6 W Jones W 77-6xS 137-6. Alex Carter to Paul Marginy and D Samuels Realty Co.....
Nov. 29, 1922—LOT 87 BLK 23, Mission Addition No. 87 Elgin Park. Sunset Iron Works to Mathilde Bauer.....\$245
Nov. 29, 1922—E ELGIN PARK 75 N Duboce Ave N 25xE 75. Friedman Bros to Mathilde Bauer and Geo M Merritt.....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Nov. 23, 1922—NE MONTGOMERY & Sutter E 167-6 N 137-6 W 30 S 16-6 W 137-6 S 121. Jos A Donohoe and Estate Mary E Parrott, dec'd as to improvements on property.....
Nov. 23, 1922—E POWELL 85 S Geary E 77-6xS 52-6. N A Dorn et al as to improvements on property.....
Nov. 23, 1922—NO. 1003 MARKET and No. 2 Sixth. John A Buck et al as to improvements on property.....
Nov. 24, 1922—SW MARKET AND Fourth. Pacific Co as to improvements on property.....
Nov. 25, 1922—N CALIFORNIA 137-6 W Davis W 137-6xN 50. Estate Harris Weinstock et al as to improvements on property.....
Nov. 25, 1922—NW POTRERO AVE and Alameda W 200xN 108-9. Herman F Zimmerman as to improvements on property.....

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

Nov. 29, 1922—S COMMERCIAL bet. Montgomery and Kearny (Contract recorded Nov. 21, 1922). Wm J De Boom with James Furlong.....

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.
No. Owner Contractor Amt.
5074 Oszdorff Stoltz 18000
5075 Hansen Muller 18000
5076 Hansen Olsen 6000
5077 Morse Bishop 3800
5078 McCord Owner 5600
5079 McCord Owner 2800
5080 Davies Marshall 18000
5081 Morse Bishop 4000
5082 Wither Murphy 15000
5083 Aston Grimes 5750
5084 Brannan Knight 24500
5085 Peters Johnson 3000
5086 Feigenberg Lochhead 25000
5087 Whalen Owner 11550
5088 Nielsen McCline 2500
5089 Matthews Owner 1500
5090 Rollins Owner 3000
5091 Moyle Owner 3000
5092 Thomas Glaser 2300
5093 Talbert Owner 3000
5094 Bradshaw Owner 16000
5095 Brown Owner 3000
5096 Larkin Calif 13000
5097 Becker Calif 10000
5098 Bell Owner 4900
5099 Edlund Owner 4500
5100 Davis Christensen 24000
5101 Smith Owner 10500
5102 Andersen Owner 1500
5103 Ivertosch Rankin 1100
5104 Patterson Owner 3000
5105 Braulage Owner 6000
5106 Porter Blethroad 7400
5107 Porter Blethroad 11100
5108 Bent Owner 3000
5109 Runke Porter 3500
5110 Corkett Hamilton 6750
5111 Paint MacMurty 2000
5112 Benfer Owner 4500

1113 Andrews Owner 3000
1114 Lundberg Owner 4000
1115 Zualer Perry 4000
1116 Clark Alder 4000
1117 Howard Owner 2500
1118 Frontier Whalin 1500
1119 Jones Owner 1600
1120 Clark Alder 4500
1121 Dickey Walker 4000
1122 Tucker Redymade 1000
1123 Bassford Magneson 2000
1124 Young Moore 2000
1125 Soles Owner 3000
1126 Orton Owner 2000
1127 Wilcox Lodge 3900
1128 Malloy Field 8500
1129 Lesser Walworth 1000
1130 Atkinson Owner 3000
1131 Grassel Lassen 3600
1132 Shrader Rose 6900
1133 Rose Birmingham 3000
1134 Farey Bigelow 3000
1135 Felter Bigelow 3000
1136 Boissomault Lass 4600
1137 Price Owner 5000
1138 Atkins Petersen 4500
1139 McLaughlin Anderson 2500
1140 Harding Larsen 10000
1141 Gill Letter 9000
1142 Walker Owner 3000
1143 Wetzel Rich 2500
1144 Spott Williams 2500
1145 Shifflett Owner 1000
1146 Reito Owner 3500
1147 Groden Owner 3000
1148 Thiele Owner 4000
1149 Appleton Owner 6000
1150 Saroni Pond 2300
1151 Lyttinen Owner 2500
1152 Bennett Starr 1500
1153 Rollar Owner 3000
1154 Conzani Gruenwald 3500
1155 Logan Pratt 1000
1156 Stock Owner 1500
1157 Reeves White 2000
1158 Nielsen Jensen 4500
1159 Roberts Owner 3000
1160 Rodrigues Owner 3000
1161 Nathanson Stanley 14000
1162 Lowe Owner 1800
1163 Pfister Pratt 1000
1164 Grassel Lassen 3400
1165 Nichols Owner 9000
1166 Marshall Owner 7000
1167 Rankin Owner 3300
1168 Rabinowitz Sommarstrom 725
1169 Davina Owner 2000
1170 Marshonett Owner 2500
1171 Bold Owner 2950
1172 Francis Owner 2900
1173 Art Ferrelra 15000
1174 Haaren Bold 6000
1175 Kerpochauff Person 4700
1176 Bigelow Owner 3750
1177 Harris Owner 3000

APARTMENTS

(5074) E BROADWAY 125 N 41st, Oakland. Three-story frame apartments.
Owner—Wm. Oszdorff, 232 Ridgeway, Oakland.
Architect—None.
Contractor—F. C. Stoltz, 3455 Laguna Ave., Oakland. \$18,000
DWELLING
(5075) NE EXCELSIOR AND CHATHAM ROAD, Oakland. One-story 10-room dwelling.
Owner—R. C. Havens, 12th and Clay Sts., Oakland.
Architect—None.
Contractor—F. A. Muller, Syndicate Bldg., Oakland. \$18,000

DWELLING

(5076) NO. 4353 EVERETT AVE., Oakland. Two-story 8-room dwlg. Owner—Otto Hansen, 2267 E-21st St., Oakland.
Architect—None.
Contractor—A. Olsen, 2114 E-30th St., Oakland. \$6000

DWELLING

(5077) N FOOTHILL BLVD 250 E Mitchell, Oakland. One-story five-room dwelling.
Owner—C. S. Morse, 2342 E-14th St., Oakland.

- Architect—None.
Contractor—J. B. Bishop, 811 Adams St., Albany. \$3800
- DWELLINGS**
(5078) N FORTUNE WAY 70 W 60th Ave., W Sixtieth Ave, Oakland. One-story 4-room dwellings.
Owner—T. J. McCord, 474 E-14th St., Oakland.
Architect—None. \$2800 each
- DWELLING**
(5079) NW FORTUNE WAY AND Sixtieth Ave., Oakland. One-story 4-room dwelling.
Owner—T. J. McCord, 474 E-14th St., Oakland.
Architect—None. \$2800
- APARTMENTS**
(5080) N E-FOURTEENTH 50 E 40th Ave., Oakland. Two-story 12-room tile stores and apartments.
Owner—Robt. D. Davies.
Architect—None.
Contractor—Marshall & Burks, Bacon Bldg., Oakland. \$18,000
- DWELLING**
(5081) N FOOTHILL BLVD 290 E Mitchell, Oakland. One-story six-room dwelling.
Owner—C. S. Morse, 2342 E-14th St., Oakland.
Architect—None.
Contractor—J. B. Bishop, 811 Adams St., Albany. \$4000
- APARTMENTS**
(5082) NE FIFTY-FIFTH & GROVE, Oakland. Two-story 16-room brick apartments.
Owner—W. E. Wither, 833 55th St., Oakland.
Architect—None.
Contractor—Murphy & Hamilton, 825 Santa Fe Ave., Berkeley. \$15,000
- DWELLING & GAR.**
(5083) N GLENDORA AVE. 200 W Edgewood, Oakland. 1-story 6-rm. dwelling and garage.
Owner—Arthur D. Aston, 891 45th St., Oakland.
Architect—None.
Contractor—R. D. Grimes, 355 12th St., Oakland. \$5750
- APTS. & GARAGE**
(5084) E LAKESHORE AVE. 50 N Beacon, Oakland. 3-story 18-room apts and garage.
Owner—J. J. Brannan, 388 12th St., Okd.
Architect—Schirmer Bugbee & Co., Thayer Bldg., Oakland.
Contractor—Harry C. Knight, 388 12th St., Oakland. \$24,500
- DWELLING**
(5085) W LAUREL AVE 250 N Maine, Oakland. 1-story 5-room dwelling.
Owner—John Peters, Laurel Ave., Okd.
Architect—None.
Contractor—O. R. Johnson, 3131 Talbot Ave., Oakland. \$3000
- APARTMENTS**
(5086) E LAGUNITAS AVE 100 S Perry, Oakland. 3-story frame apts.
Owner—Feigenberg Bros., 522 7th St., Oakland.
Architect—None.
Contractor—A. Lochhead, 141 8th St., Oakland. \$25,000
- DWELLINGS**
(5087) 530 & 512 E NINETEENTH ST. and 1932 5th Ave., Oakland. 3 1-story 5-room dwellings.
Owner—John Whalen, Federal Bldg., Oakland.
Architect—None. \$3850 ea.
- DWELLING**
(5088) E SIXTY-SEVENTH AVE. 160 S Avenal, Oakland. 1-story 4-room dwelling.
- Owner—C. T. Nielsen.
Architect—None.
Contractor—R. O. McChine, 1315 Fruitvale Ave., Oakland. \$2500
- STORE**
(5089) E SAN PABLO 10 N 20 St., Oakland. 1-story tile store.
Owner—T. J. Matthews, 2012 San Pablo Ave., Oakland.
Architect—None. \$1500
- DWELLING**
(5090) E SIXTY-THIRD AVE 530 S Foothill Blvd., Oakland. 1-story 5-room dwelling.
Owner—E. E. Hollins, 357 Athol Ave., Oakland.
Architect—None. \$2000
- DWELLING**
(5091) W SIXTY-FIRST AVE 80 S Scenic Way, Oakland. 1-story 5-rm. dwelling.
Owner—J. Moyle, 2482 63rd Ave., Okd.
Architect—None. \$3000
- DWELLING**
(5092) E SIXTY-FIRST AVE 80 S Brann, Oakland. 1-story 5-room dwelling.
Owner—J. R. Thomas, 2729 Buena Vista, Berkeley.
Architect—None.
Contractor—W. N. Glaser, 2553 Seminary Ave., Oakland. \$2800
- DWELLING**
(5093) E TWENTY-FOURTH AVE 100 S E-Twentieth St., Oakland. One-story 5-room dwelling.
Owner—J. C. Talbot, 1910 Irving St., Oakland.
Architect—None. \$3600
- APARTMENTS**
(5094) W TELEGRAPH AVE 140 N Alcatraz, Oakland. Two-story 20-room stores and apartments.
Owner—R. H. Bradshaw, 6429 Telegraph Ave., Oakland.
Architect—None. \$16,000
- DWELLING**
(5095) S ASHMOND 800 W Mandana, Oakland. One and one-half-story 7-rm. dwelling.
Owner—Mrs. M. T. Bracken.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor—H. C. Andresen, 1229 Pearl St., Alameda. \$11,500
- NOTE:—Recorded contract reported Nov. 16, 1922, No. 4945.
- DWELLING**
(5095) NO. 1427 EXCELSIOR AVE., Oakland. One-story 5-room dwlg.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. \$3000
- APARTMENTS**
(5096) E FIRST AVE 35 N E-15th St., Oakland. Two-story 12-room apts.
Owner—Water Larkin.
Architect—None.
Contractor—California Builders, 1534 Franklin St., Oakland. \$13,000
- APARTMENTS**
(5097) N FORTIETH 100 W West, Oakland. Two-story 12-room apartments.
Owner—L. R. Becker.
Architect—None.
Contractor—California Builders, 1534 Franklin St., Oakland. \$10,000
- DWELLING**
(5098) S JEAN 450 W Grand Ave., Oakland. Two-story 6-room dwlg.
Owner—Bell & MacFarlane, 464 29th Ave., Oakland.
Architect—None. \$4900
- DWELLING**
(5099) NO. 4154 PENNIMAN AVE., Oakland. One-story 8-room 2-family dwelling.
- Owner—E. H. Edlund, Premises.
Architect—None. \$4500
- LOFT BLDG.**
(5100) N THIRD 100 E Broadway, Oakland. Two-story brick loft building.
Owner—Hyman Davis, 1503 Oak St., Oakland.
Architect—None.
Contractor—H. J. Christensen, 505 17th St., Oakland. \$24,000
- DWELLINGS**
(5101) W UNDERHILL ROAD 250 and 300 N Mathews, Oakland. Two one-story 5-room dwellings and garage.
Owner—Mary Smith, 189 Santa Clara Ave., Oakland. \$5000 each; garage, \$700.
- DWELLING**
(5102) 2137 ACTON, Berkeley. 1-story 4-room dwelling.
Owner—Olaf H. Anderson, 2118 19th St., Berkeley.
Architect—None. \$1500
- ALTERATIONS**
(5103) 2572 PENNYNUE, Berkeley. Alterations and additions.
Owner—S. M. Ivortsch, premises.
Architect—None.
Contractor—S. G. Rankin, 712 Haddon Rd., Oakland. \$1100
- DWELLING**
(5104) 2492 CALIFORNIA, Berkeley. 1-story 5-room dwelling.
Owner—Mrs. Agnes Patterson, 1515 Twilight Way, Berkeley.
Architect—None. \$3000
- DWELLINGS**
(5105) 1528 CAPISTRANO & 815 PERALTO, Berkeley. 2 1-story 5-room dwellings.
Owner—E. D. Branlage, 1728 San Lorenzo, Ave., Berkeley.
Architect—None. \$3000 ea.
- DWELLINGS**
(5106) 2505 & 2512 PARKER, Berkeley. 2 1-story dwellings.
Owner—W. A. Porter, 2113 Shattuck, Berkeley.
Architect—None.
Contractor—D. F. Blethroad, 1712 Channing, Berkeley. \$3700 ea.
- DWELLINGS**
(5107) 2605, 2607 & 2601 Regent St., Berkeley. 3 1-story 5-room dwlgs.
Owner—W. A. Porter, Berkeley.
Architect—None.
Contractor—D. T. Blethroad, Berkeley. \$3700 each
- DWELLING**
(5108) 2125 Stuart, Berkeley. 1-story 5-room dwelling.
Owner—L. B. Bent, 2124 Parker St. B.
Architect—None. \$2000
- DWELLING**
(5109) 812 SAN LUIS RD., Berkeley. One-story 5-room dwelling.
Owner—E. A. Runke, 1200 Shattuck, B.
Architect—None.
Contractor—H. H. Porter, 2616 Cedar St., Berkeley. \$3800
- GARAGE**
(5110) 1333-25 SAN PABLO, Berkeley. One-story tile garage.
Owner—C. C. Corkett, 1410 Stannage Ave., Berkeley.
Architect—None.
Contractor—Fred Hambleton, 3737 B Ave., Oakland. \$6750
- ADDITION**
(5111) 2312 THIRD ST., Berkeley. Brick addition.
Owner—John Lucas Paint Co., Berk.
Architect—None.
Contractor—A. B. MacMurty, 5208 Manita Ave., Oakland. \$2000

Nov. 27, 1922—NE MADERA AND Fleming Aves. Oakland. F B Holmes to O M Bullock. Nov. 1, 1922

Nov. 27, 1922—SE 45 LOT 34 BLK "A" Map Piedmont Vista, Piedmont. John M Boushawn to J R Langtry. Nov. 26, 1922

Nov. 28, 1922—N BERKELEY WAY 100 W McGee Ave W 50XN 125, Berkeley. Patrick Concanon to Gustaf Johanson. Nov. 27, 1922

Nov. 28, 1922—N BERKELEY WAY 27.50 E California 37.50X90, Berkeley. P E Marquis to whom it may concern. Nov. 25, 1922

Nov. 28, 1922—LOT 16 BLK 2 Map Subdiv Fruitvale Heights, Oakland. Aaron Wimer to whom it may concern. Nov. 24, 1922

Nov. 28, 1922—E HEARNE 430 S Fifty-ninth, Oakland. Arthur F and Luccille Thiem to J L Rankin. Nov. 28, 1922

Nov. 28, 1922—2852 SIXTY-FIRST AVE., Oakland. Ina M Glaser to W N Glaser. Nov. 24, 1922

Nov. 28, 1922—BOND ST. 47th Ave to 52nd Ave., Oakland. Southern Pacific Co to Hutchinson Co. Nov. 11, 1922

Nov. 29, 1922—LOT 10 BLK "B" Map Foothill Park, Oakland. Wm S Kepple to whom it may concern. Nov. 29, 1922

Nov. 29, 1922—E PALMERA COURT at Dayton Ave., Alameda. Marjorie E Coogan to Geo C Garcia. Nov. 26, 1922

Nov. 29, 1922—LOTS 10 AND 11 Map Redwood Park, Oakland. Agnes J Parsons, Madge A Ferrell by M G Kendall to California Builders Co. Nov. 28, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
Nov. 24, 1922—LOT 21 BLK "O" Map Hks M, N, O, P, Harmon Tract, Berkeley. Charles F Osgood vs W G and Hazel Ahlf and R T and Gertrude Haas	\$26.30
Nov. 24, 1922—LOTS 7 AND 8 BLK 2 Plot Tract 333, City of Oakland. M Emanuel (Service Electric Co) vs Gustav Meyer Jr and Gustav Meyer Sr.	\$166
Nov. 25, 1922—S 119.91 LOTS 1, 2, 3 and 4 & 1th Lot 7 Blk 4, Waverly Place, Berkeley. Henry Cowell Lume & Cement Co vs Theodore Arnberger and C C Williams	\$312.35
Nov. 25, 1922—W SUNNYSIDE DR 263 NE E-14th E 67.84 NW 191.93 WE 68.10 SE 181.89, San Leandro. Towell Bros Inc vs Emma Starr and Darling & Harding Co.	\$370
Nov. 25, 1922—LOT 5 Map Vernon Terrace Tract, Oakland. O M Bullock vs Catherine Huber.	\$361.45
Nov. 28, 1922—NO. 38 RAMONA AV. Berkeley. J R Grant vs Geo W Eliassen and Mrs Geo Eliassen.	\$96.50
Nov. 29, 1922—S 110 LOT 8 Map Imperial Heights, Oakland. Contractors & Builders Supply Co vs Charles W and Alice E Hill and C C Williams	\$416.95

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded	Amount
Nov. 24, 1922—LOTS 28, 29, 47, 48, 49, and 50 Map Oakland Prospect Homestead Tract, Oakland. M Stulsalt Co to Edwin C, E I Graff and F L Warner.	\$1070.59
Nov. 29, 1922—E BROADWAY 100 S 40th ST. E 100 S 19.37 W 100 S 30, Oakland. Mark Lally Co to Hade C Stormer et al.	\$443.86
Nov. 29, 1922—E POPLAR 195 N 14th 40X E 115, A Francard & Son to Charles Garcia	\$93
Nov. 29, 1922—N MELROSE 50 E Forty-seventh Ave E 50XN 130, Oakland. Maxwell Hardware Co.	

\$69.51, Lannon Bros Mfg Co \$120.20 Rhodes-Jamieson & Co \$191.65 to A Zetterblad

Notice of Non-Responsibility

ALAMEDA COUNTY

Nov. 24, 1922—LOTS 88, 89 AND 90, Resbdv Blk "C" Map Meek Est Orchards, Eden Tr. H W Meek Estate Inc as to improvements on property

Nov. 25, 1922—N FOURTH 100 E Clay E 25XN 200, Oakland. Laura B Faulkner, Natalie V Christensen, Anthony Perata, William Perata, Annie J Antonuccio, Nicholas E Perata and Mary L Perata as to improvements on property

Nov. 26, 1922—LOT 10 and SW 12 1/2 Lot 8 Blk 2, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property

BUILDING CONTRACTS

FRESNO COUNTY

\$2500 and Over Reported

STORE BLDG.
LOT 17 BLK 346, Fresno. All work for one-story store building. Owner—R. A. and Ethel Davis. Architect—None. Contractor—Fisher & McNulty, Mattel Bldg., Fresno. Nov. 28, '22. Dated Nov. 21, '22. Building commenced. \$750 Building enclosed. 1500 On completion. 1500 TOTAL COST, \$3750 Bond, none. Limit, 60 working days. Forfeit, plans and specifications, none.

DWELLING, \$5000; No. 3343 Balch Ave. Fresno; owner, Roy Richter; contractor, Chris Sehr, 2027 Fresno St., Fresno.
DWELLING, \$7000; No. 153 North U St., Fresno; owner, J. Plann, 171 North U St., Fresno; contractor, J. R. Church, 221 North U St., Fresno.
DWELLING, \$5000; No. 2703 Madison Ave., Fresno; owner, A. F. Ambrose; contractor, A. Diehl.
STORE building, \$36,460; No. 552 Van Ness Ave., Fresno; owner, R. R. Ruzian, 1002 T St., Fresno; contractor, F. L. Stone, Mason Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY.

Recorded	Accepted
Nov. 19, 1922—LOT 42 W 14 feet Lot 43 Blk 5, Van Ness Hts, Fresno. H W Kuhlke to whom it may concern.	Nov. 21, 1922
Nov. 22, 1922—PTN LOT 2, Sierra Vista Tract, Fresno. Berton & Wolff.	Nov. 19, 1922
Nov. 22, 1922—LOTS 3 AND 4 BLK 8 Oakwood No. 2, Fresno. Geo H Evans to whom it may concern.	Nov. 17, 1922
Nov. 22, 1922—LOT 13 BLK 4, Highland Park Add'n, Fresno. Berton & Wolff to whom it may concern.	Nov. 14, 1922
Nov. 23, 1922—LOTS 94 AND 95 Zapf Park, Fresno. A M Chitty to whom it may concern.	Nov. 22, 1922
Nov. 23, 1922—LOTS 40 AND 41 BLK 7, Sierra Vista Addition, Fresno. A C Compton to whom it may concern.	Nov. 20, 1922
Nov. 25, 1922—SCHOOL BLDG., Fresno. Bolwes School District to whom it may concern.	Nov. 22, 1922
Nov. 25, 1922—LOTS 16 AND 17 BLK 7, Torrance Terrace, Fresno. B G Townsend to whom it may concern.	Nov. 23, 1922

Nov. 26, 1922—LOTS 29 AND 30 Sequoia Park Sub. No. 2. J D Wholt to whom it may concern.

Nov. 26, 1922—LOTS 6 AND 5 BLK 7, Torrance Terrace, Fresno. Evan A Joy to whom it may concern.

Nov. 27, 1922—5x125 FEET OF LOT 55, Poppy Col. F E Torbit to whom it may concern.

LIENS FILED

FRESNO COUNTY.

Recorded	Amount
Nov. 24, 1922—LOT 38 Easterly Rancho, Fresno. Swastika Lumber Co vs L A and H W Craig.	\$50
Nov. 23, 1922—N 1/2 OF S 1/2 OF SE 1/4 of SE 1/4 S 1/2 of SE 1/4 of Sec 14, 15-23, Fresno. Western Lumber Co vs Manog Altamian.	\$461

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

\$2500 and Over Reported

PUBLIC garage, \$16,000; No. 117 South Center St., Stockton; owner, Peter Nava.
BUILDING, one-story, \$13,000; No. 211 N-San Joaquin St., Stockton; owner, California Auto Supply Co., 111 N-EI Dorado St., Stockton.
ADDITION, 7 to store, \$5000; No. 228 N-EI Dorado St., Stockton; owner, W. S. Maxwell, Premises.
RESIDENCE, \$4000; No. 2 E-Cleveland St., Stockton; owner, Opal Pickney.
REPAIR residence, \$1134; No. 1638 N-California St., Stockton; owner, M. Friedman.
BUILDING, one-story, \$30,000; No. 145 N-Sutter St., Stockton; owner, A. L. Jory.

LIENS FILED

SAN JOAQUIN COUNTY

Recorded	Amount
Nov. 25, 1922—LOT 5 BLK 17, Stockton City Homestead Add'n, Stockton. Sunset Lumber Co Inc vs Mira Fairchild	\$239.04
Nov. 27, 1922—LOTS 1 AND 3 BLK 12 E of Center St., Stockton. H M Dunkel by Geo Dunkel vs Morris and Max Levy	\$643
Nov. 27, 1922—LOTS 1 AND 3 BLK 12 E of Center St., Stockton. San Joaquin Brick Co, Inc vs Morris and Max Levy	\$4023.89

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2500 and Over Reported

DWELLING, one-story 4-room, \$2500; No. 3140 B St., Sacramento; owner, Mrs. A. M. Taylor, 1114 H St., Sacramento; contractor, J. W. Latlin, 4223 San Benito St., Sacramento.
TWO dwellings, one-story 5-room and garage each, \$2950 each; No. 1700 and 1649 49th St., Sacramento; owner, Anne E. Williams, 4440 San Benito St., Sacramento.
ALTERATIONS and repairs to residence, \$4000; No. 2801 D St., Sacramento; owner, J. A. Robinson, 1904 O St.; contractor, M. D. Smith, 1904 1 St., Sacramento.
DWELLING, one-story 5-room and garage, \$4850; No. 912 41st St., Sacramento; owner, Anna E. Williams, 4440 San Benito St., Sacramento.
DWELLING, one-story 5-room and garage, \$4000; No. 1032 47th St., Sacramento; owner, W. P. Schwartz, 1409 41st St., Sacramento.

DWELLING, one-story 5-room and garage, \$3200 each; No. 2601 and 2505 D St., Sacramento; owner, J. L. Anderson, 2318 H St., Sacramento; contractor, L. R. Peterson, 2410 V St., Sacramento.

DWELLING, one-story 5-room and garage, \$1600; No. 1915 27th St., Sacramento; owner, Chas. Alvord, 1501 F St., Sacramento; contractor, E. W. Brook, 2912 G St., Sacramento.

LODGING HOUSE, one-story 18-room, \$7000; No. 1116 5th St., Sacramento owner, Max Smith, 500 U St., Sacramento.

ADDITION to Fremont School, \$83,200; 24th and O Sts., Sacramento; owner, Sacramento City School District County Court House, Sacramento; contractor, K. E. Parker Co., 519 California St., Sacramento.

DWELLING, one-story 5-room and garage, \$3000; N ¼ of 5, W, X, 24th and 25th Sts., Sacramento; owner, Mrs. D. Danielson, 1325 24th St., Sacramento; contractor, C. H. Chatterton, 2426 F St., Sacramento.

DWELLING, two-story 7-room, \$2500; No. 2617 Stockton Blvd., Sacramento; owner, C. E. Woods and M. Fehl, 2619 Stockton Blvd., Sacramento.

DWELLING, one-story 5-room and garage, \$5000; No. 2912 W St., Sacramento; owner, M. Conger, 2908 U St., Sacramento; contractor, W. R. Saunders, 2614 I St., Sacramento.

DWELLING, one-story 6-room and garage, \$4400; No. 1248 37th St., Sacramento; owner, C. A. Cook, 811 J St., Sacramento; contractor, C. Valine, Box 370, Sacramento.

HEATING, ventilating, etc. of hospital, \$83,600; lots 1, 2, 3, 4 L M 28-29, Sacramento; owner, Sutter Hospital Assn., Sacramento; architect, Meyers & Johnson, Builders Investment Bldg., S. F.; contractor, Latourette Plac & Co., Sacramento. Recd Nov. 25, 1922.

DWELLING, 1-story 6-room, \$5500; 816 36th St., Sacramento; owner, Dr. W. W. Cress, Miton Bldg., Sacramento; contractor, E. D. Brier, 813 J St., Sacramento.

DWELLING, 2-story 8-room, and garage, \$5500; 1116 44th St., Sacramento, owner, Robert Schwak, Calif. Fruit Bldg., Sacramento; contractor, E. D. Brier, 813 J St., Sacramento.

DWELLING, 1-story 5-room, and garage, \$2500; 832 7th Ave., Sacramento; owner, P. R. Opdyke, 1009 7th Ave., Sacramento.

DWELLING, 1-story 7-room, and garage, \$8500; 1025 42nd St., Sacramento; owner, Emmett Phillips, 519 8th St., Sacramento; contractor, E. D. Brier, 813 J St., Sacramento.

DWELLING, one-story 5-room and garage, \$2500; No. 601 41st St., Sacramento; owner, Ray E. Pearl, 3001 J St., Sacramento.

LIENS FILED

SACRAMENTO COUNTY.

Recorded Amount
Nov. 21, 1922—LOT 55 W Curtis Oaks Sacramento. Gunn Sheet Metal Works vs C F Smith.....\$83
Nov. 22, 1922—N ¼ LOT 5, K L 3rd and 4th Sts., Sacramento. Scott Lyman & Stack vs W S Mateovich and St. George Hotel Co.....\$993.72

BUILDING CONTRACTS

SANTA CLARA COUNTY.

\$1,000 and Over Reported

RESIDENCE, ETC., N CLAYTON AVE., bet. First and San Pedro Sts., San Jose. All work for one-story frame double residence and double garage.

Owner—Wm. F. Horwarth, Northern Road, San Jose.

Architect—Wolfe & Higgins, Auzerai Bldg., San Jose.

Contractor—Osborne & Knight, Mountain View.

Filed Nov. 23, '22. Dated Nov. 21, '22.
Frame up\$1993.75
1st coat plaster on1993.75
Completed and accepted1993.75
Usual 35 days1993.75

TOTAL COST, \$7975.00
Bond, \$3987.50. Sureties, F. O. Nichols and James H. Pierce. Limit, 80 working days. Forfeite, 1922. Forfeite, none. Plans and specifications filed.

BUNGALOW

ALAMEDA PARK TRACT, San Jose. All work for live-room frame bungalow.

Owner—W. H. Rowe, 511 Morse St., San Jose.

Architect—None.

Contractor—William H. O'Neil, 500 N-15th St., San Jose.

Filed Nov. 22, '22. Dated Nov. 29, '22.
Frame up and roof on\$887.25
Brown coat plaster on887.25
Work completed887.25
Usual 35 days887.25

TOTAL COST, \$3549.00
Bond, none. Limit, on or before Feb. 29, 1923. Forfeite, \$10 a day. Plans and specifications filed.

COMFORT station, \$1000; Market and San Carlos Sts., San Jose; owner, Associated Oil Co., 115 N-5th St., San Jose.

COTTAGE, five-room, \$4600; N-First St. near Ashbury, San Jose; owner, Frank Napoli; contractor, V. Maggio, 750 S-5th St., San Jose.

COTTAGES, (2), 5-rooms, \$2250 each; Atlanta near Delmas St., San Jose; owner, L. C. Rossi; contractor, H. G. Happy.

COTTAGE, four-room, \$—; Bird St. near William St., San Jose; owner, Anthony Darlano.

RESIDENCE, 8-room (2 pt.), \$7975; Clayton near First St., San Jose; owner, Wm. F. Horwarth, 162 S-First St.; architect, Wolfe & Higgins, Auzerai Bldg., San Jose; contractor, Osborne & Knight.

ALTER residence into apartments, \$1500; No. 55 S-Tenth St., San Jose; owner, Mrs. B. Eutriken, 55 S-10th St., San Jose; architect, C. C. Lewis 329 S-5th St., San Jose; contractor, Lewis & Nelson.

COTTAGE, five-room, \$2900; San Pedro St. near Wheeler, San Jose; owner, C. W. Thomas.

OFFICE and sheds, \$1500; First and Oaks Sts., San Jose; owner, McElroy-Cheim Lumber Co.

ALTER front, \$1000; First and Reed Sts., San Jose; owner, Mrs. M. Sasso, 1106 Lick Ave., San Jose; contractor, V. Maggio, 750 S-5th St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Amount
Nov. 21, 1922—EAST SAN JOSE. Western Pacific Railroad Co to R O Summers.....Oct. 28, 1922	
Nov. 21, 1922—N SANTA CLARA bet. 27th and 28th Sts., San Jose. Western Pacific Railroad Co to whom it may concern.....Nov. 15, 1922	
SAN JOSE. Stanley Hiller to G F Keesting.....Nov. 21, 1922	
Nov. 22, 1922—PALO ALTO. E L Hyde to Walters & Grove.....Nov. 21, 1922	
Nov. 22, 1922—CAMPUS LELAND Stanford Junior University, Palo Alto. Professor R E Swain to Frederick W Snook & Co.....Nov. 17, 1922	
Nov. 22, 1922—CAMPUS OF LELAND Stanford Jr. University, Palo Alto. Professor R E Swain to F W Fox.....Nov. 17, 1922	
Nov. 22, 1922—PALO ALTO. V V Harrier and W R Eckart to Walters & Grove.....Nov. 21, 1922	
Nov. 23, 1922—SAN JOSE. A G Mattoza to whom it may concern.....Nov. 15, 1922	
Nov. 29, 1922—LOT C BLS 5 BURLINGAME Terrace, Burlingame, Calif. D Haule to whom it may concern.....Nov. 27, 1922	
Nov. 29, 1922—ITN LOT 1 BLK 9 Polo Field Burlingame, D Haule to whom it may concern.....Nov. 28, 1922	
Nov. 29, 1922—ITN LOT 1 BLK 9 Polo Field, Burlingame, D Haule to whom it may concern.....Nov. 28, 1922	
Nov. 29, 1922—ITN LOTS 32 & 33 BLK 192, South San Francisco, Helen and Israel Horton to George Wagner.....Nov. 29, 1922	
Nov. 29, 1922—ITN LOTS 39 & 40 BLK 95 So. San Francisco, Henry R. Viette to George Wagner.....Nov. 29, 1922	

BUILDING CONTRACTS

SAN MATEO COUNTY

PARISH HOUSE

58 BALDWIN AVE AND STATE Highway, San Mateo. Furnish and construct plaster, etc., for Parish House.

Owner—The Church of St. Matthew, San Mateo.

Architect—Howard & White, Lick Bldg. San Francisco.

Contractor—Herman Basch, 423 Fulton St., San Francisco.

Filed Nov. 16, '22. Dated Oct. 12, '22.

1st coat plaster on\$2500.00
Completed4362.50
Usual 35 days2387.50
All reparing done300.00
TOTAL COST, \$5550.00

Bond, \$4775. Surety, Globe Indemnity Co. Limit, 60 working days. Forfeite, none. Plans and specifications filed.

APARTMENTS

8 GRAND AVE being Lot 18-124 Plot 1, South San Francisco. All work for two-story concrete apartment and store building.

Owner—P. A. Cunningham, South San Francisco.

Architect—E. L. Norberg, Balboa Bldg., San Francisco.

Contractor—R. C. Stickle, South San Francisco.

Filed Nov. 21, '22. Dated Nov. 6, '22.

Concrete walls to 2nd story\$3050
Concrete poured4000
Brown coated4000
Interior trim on4000
Usual 35 days6350
TOTAL COST, \$25,400

Bond, \$12,700. Sureties, W. H. Dinning and P. Pala. Limit, 120 working days. Forfeite, \$100. Plans and specifications filed.

PIERCE-BO SQUIT Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
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RESIDENCE
E 69-6 LOT 21 S line Bellevue Ave Sub.
1, San Mateo Park, San Mateo. All
work for one and one-half-story
frame residence and garage.
Owner—Claire Howard and R. S. Ross,
100 Bellevue Ave., Burlingame.
Architect—E. L. Norberg, Balboa Bldg.,
San Francisco.

Contractor—The Burlingame Bldg. Co.,
inc., 1120 Burlingame Ave., Burlingame.

Filed Nov. 21, '22. Dated Nov. 20, '22.
Framed\$2351
Brown coated2351
Completed2351
Usual 35 days.....2351

TOTAL COST \$9404

Bond, \$5752. Surety, National Surety
Co. of New York. Limit, 90 working
days. Forfeit, none. Plans and
specifications filed.

ALTERATIONS

LOTS 9 AND 12 BLK 6, Burlingame
residence.
Owner—Sara G. Barnett.
Architect—None.

Contractor—Norberg & Gadd, Co-part-
ners, Park No. 2, Burlingame. All work
for altering garage into two-story
ners.

Filed Nov. 23, '22. Dated Nov. 13, '22.
Raised and underpinned.....\$600
Completed615
Balance in monthly payments of 50

TOTAL COST, \$1750

Bond, limit, forfeit, none. Plans and
specifications filed.

BUNGALOWS

LOTS 4, 6, 8, 10, 16, 17, 24 and 25 BLK
5 and Lots 4 and 5 Blk 4, Burlingame
Grove, Burlingame. All work
for 10 one-story frame bungalows.
Owner—W. F. Dunn, 156 Montgomery
St., San Francisco.

Architect—C. W. Jackson, 138 B St.,
San Mateo.

Contractor—Mitchell-Jackson Inc., 170
Second St., San Mateo.

Filed Nov. 23, '22. Dated Nov. 27, '22.
Frames up\$10,960
Plastered10,960
Completed10,960
Usual 35 days.....10,960

TOTAL COST, \$43,840

Bond, \$22,000. Surety, American Surety
Co.; Limit, 100 working days. Forfeit,
none. Plans and specifications filed.

RESIDENCE, one-story, \$4000; Lot 5
BLK "N" Valley St., San Mateo;
owner, James McClure; architect,
and contractor, H. A. McClure.

BUILDING, one-story frame, \$1900;
Lot 22 Blk 13, East San Mateo;
owner, M. Green, Homestead St.,
San Mateo; contractor, W. T. Croop
Homestead St., San Mateo.

RESIDENCE, \$2900; Drake Ave., being
Lot 35 Blk 45, Easton No. 2, Burlingame;
owner, J. E. Barnett.

RESIDENCE, \$5000; De Soto Ave., being
Lot 8 Blk 7, Easton No. 7,
Burlingame; owner, E. W. Knickerbocker.

RESIDENCE, \$4000; Broadway and
Highway, being Lot 1 Blk 19,
Easton No. 2, Burlingame; owner,
C. B. Whitacker.

RESIDENCE, \$4500; Balboa Ave., being
Lot 7 Blk 25, Easton No. 2, Burlingame;
owner, S. J. Churchill.

RESIDENCE, \$3500; Laguna Ave., being
Lot 7 Blk 15, Burlingame
Grove; owner, B. M. Lane.

RESIDENCE, \$8000; Ralston Ave., being
Lot 8 Blk 4 Sub 2, Burlingame
Park; owner, Thos. Leonard.

DWELLING, one-story frame, \$9000;
Edgewood Road Lot 11, San Mateo
Park, San Mateo; owner, James A.
Vincent; architect, C. A. Rogers,
Theban Bldg., San Francisco; contractor,
Thomas A. Cavanaugh, 180
Jessie St., San Francisco.

DWELLING, one-story frame, \$6500;
Edgewood Road, Lot 11, San Mateo
Park, San Mateo; owner, Mary A.

Rogers; architect, Chas. A. Rogers,
Theban Bldg., San Francisco; contractor,
Thomas A. Cavanaugh, 180
Jessie St., San Francisco.
DWELLING, one-story, \$9450; Bellevue
Ave., San Mateo Park; owner,
R. Ross, 100 Bellevue Ave., San
Mateo; architect, B. L. Norberg, 409
Occidental Ave., Burlingame; contractor,
Burlingame Bldg. Co., 1120
Burlingame Ave., Burlingame.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded	Accepted
Nov. 21, 1922—LOTS 18 AND 19 BLK 13, Burlingame Grove, Burlingame. L. H. Steursau to whom it may concern.....	Nov. 20, 1922
Nov. 21, 1922—LOTS A-1 BLK 6, Burlingame Land Co., Burlingame. Carrie M Van Valen to whom it may concern.....	Nov. 11, 1922
Nov. 22, 1922—LOT 1 BLK 1, Burlingame Terrace, Burlingame. F M Neher to whom it may concern.....	Nov. 22, 1922
Nov. 23, 1922—LOTS 2 AND 3 BLK 2, Burlingame Park No. 2, Burlingame. Annie L Taylor Johnson to Monson Bros.....	Nov. 14, 1922
Nov. 23, 1922—LOT 8 BLK 41, Lyon & Hoag Sub, Burlingame. M A Zuraz to L C Rossi.....	Nov. 23, 1922
Nov. 23, 1922—LOT 6 BLK 13, Easton No. 1, Burlingame. B Sinthorn to whom it may concern.....	Nov. 18, 1922
Nov. 23, 1922—LOT 21 BLK 19, Easton No. 2, Burlingame. George S Miller to whom it may concern.....	Nov. 20, 1922
Nov. 24, 1922—PTN LOT 11, Hillsborough Acres. Eri H Richardson to Arthur Dusenberry.....	Nov. 9, 1922
Nov. 25, 1922—LOMITA PARK, Milbrae School District to Prosper Bau.....	Nov. 15, 1922
Nov. 27, 1922—LOT 28 BLK 42, Easton No. 2, Burlingame. Leone Phelps to Hammer & Hultberg.....	Nov. 23, 1922
Nov. 27, 1922—LOT 24 BLK 39, Easton No. 3, Burlingame. H J Hughes to whom it may concern.....	Nov. 25, 1922
Nov. 27, 1922—PTN LOTS 29 AND 32 BLK 100, South San Francisco. Guido and C Petrocchi to Vincenzo and Adolfo Corruccini.....	Nov. 20, 1922
Nov. 28, 1922—LOT 2-A, Burlingame Heights. Burlingame. Albert Veyhle to whom it may concern.....	Nov. 26, 1922

LIENS FILED

SAN MATEO COUNTY

Recorded	Amount
Nov. 22, 1922—LOT 7 BLK 21, Dingee Park, Redwood City. Harry C Groom vs Clarence and May H Downs .....\$1075	
Nov. 27, 1922—NE 50 LOT "C" BLK "C" San Mateo Heights, San Mateo. D F Valentine vs W O Turner.....	\$552.93
Nov. 27, 1922—LOT 28 BLK "C" Mission St. Tract. The Greater City Lumber Co vs Isadore and H G Gottfreid .....\$115.65	
Nov. 29, 1922—PTN LOT 164 WEST End Tract Daly City. Eaton & Smith vs Oscar Mursdoffer.....	\$555.14
Nov. 29, 1922—PTN LOT 154 West End Tract Daly City. Eaton & Smith vs E. E. Fleming.....	\$305

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded	Amount
Nov. 24, 1922—LOT 19 Weeks Addition, Runnymede. D C Layson to Winifred T Hill.....	\$206

BUSINESS OPPORTUNITIES

For further information regarding these opportunities may be had from Foreign and Domestic Trade Bureau, San Francisco Chamber of Commerce, Merchants Exchange Bldg., by referring to Index Number:

D-320—Cincinnati, O. Manufacturing Company of Cincinnati desires to make connection with a first class machine manufacturing plant equipped to take on the building of air, ammonia and gas compressors.

D-327—Woodstock, Ill. Party is desirous of taking on accounts of San Francisco manufacturers for distribution in Chicago territory.

D-328—Grass Valley, Calif. Party desires to purchase a lighting plant for his farm.

D-330—New York City, N. Y. Building devoted to disposing of manufactured wares desires to have San Francisco concerns display their products in available show space.

D-333—Chicago, Ill. Selling organization desires to take on San Francisco accounts for distribution in Chicago territory.

D-336—Oakland, Calif. Party desires to buy quantity of rubber coats No. 8.

D-337—Ogden, Utah. Party has patent rights on combined harrow and beveler desires to connect up with manufacturing concern which will market on royalty basis.

D-338—Portland, Ore. Merchandise brokers desire to handle accounts of San Francisco manufacturers in Oregon and Washington.

D-339—Oakland, Calif. Travelling salesman covering Sacramento and San Joaquin Valley desires to handle hardware, automobile accessories, etc.

D-340—Nogales, Ariz. Importer desires to get in touch with buyers of Mexican hardwoods in the log.

D-341—Dayton, O. Manufacturer of air brush and responsible representative this market.

D-342—New York City, N. Y. Shippers of second-hand pipe and used boiler tubes desire market San Francisco.

D-343—Baltimore, Md. Party desires to buy carload of lumber (material not specified).

D-344—Torrington, Conn. Lumber dealer is in position to market three to five carloads of casing stock for use in the manufacture of window frames.

Preference is expressed for Western White or California Pine, but they can use a casing in kiln dried Spruce.

D-346—Columbus, Ga. Opportunity is offered for agent, properly equipped with foundry and machine company desiring to sell their Small Plantation Cane Mills as well as Evaporators and Cast Iron Kettles.

D-341—San Francisco, Calif. Gentleman who has just arrived from Shanghai, China, has seven years experience in export and import trade while in the Orient. He furnishes excellent local references and desires connection with San Francisco firm desiring to enlarge its trade with China. He is in a position to invest a certain amount of capital if opportunity warrants.

D-342—Santiago, Cuba. Importer wishes to communicate with the California lumber exporters who meet New Orleans and Mobile competition in the Cuban market.

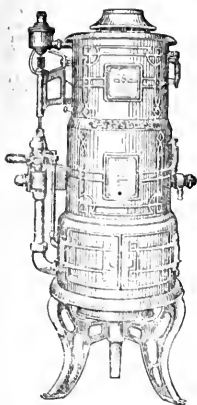
D-343—Mexico City, Mexico. Dealer wishes to appoint San Francisco agent for a reasonable line of Mexican blankets, also rebates for furniture and rugs. Prices will be quoted C. & F. San Francisco.

D-344—Hamburg, Germany. Firm handling electrical machinery and apparatus desires connection with established San Francisco house.

D-345—San Francisco, Calif. Two engaged to build electrical and railroad construction, experience, furnish a permanent connection in South America in the employ of an American firm operating there.

D-347—Moscow, Russia. Engineering bureau wishes to communicate with manufacturers or exporters who are interested in trade with European Russia.

D-348—Brussels, Belgium. Manufacturer of a substance which is put on cement or stone surfaces to make them fully waterproof, wishes to appoint an exclusive agent in San Francisco.



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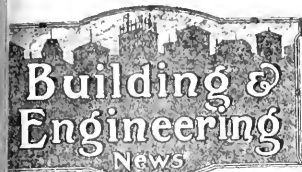
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Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Published Every Saturday

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NORTHERN CALIFORNIA CONTRACTORS WILL DISCUSS LABOR SHORTAGE

More than 100 construction contractors of Northern California will assemble in convention at the Hotel Whitcomb December 15 and 16. They are facing a serious problem, to carry out projected construction enterprises throughout the State, because of an absolute shortage of labor, and will strive to solve the situation at the San Francisco convention.

Discussing the labor problem, C. H. Gray, Secretary of the Contractors' Association of Northern California, says: "The shortage of skilled contract building labor has become so acute at other points than San Francisco and Los Angeles in this State that both plasterers and bricklayers are now commanding \$16 daily."

BIDS ASKED FOR AMERICAN LAKE HOSPITAL PROJECT

Bids to construct twenty-eight buildings of reinforced concrete, tile and brick construction at American Lake, Tacoma, Wash., comprising the Neuro-Psychiatric Hospital, have been asked by the Quartermaster General, U. S. Veterans' Bureau, 2306 Munitions Bldg., Washington, D. C., from whom plans may be obtained on deposit of \$100. The bids will be opened January 16. The work will include the water, lighting and heating systems, roads and walks. Plans are on file with the Constructing Quartermaster at Fort Mason, San Francisco, and the Quartermaster Supply Officers at Stacy Street Terminal, Seattle, Wash., and New Post Office Bldg., Portland, Ore.

ENORMOUS GAINS NOTED IN BUILDING CONSTRUCTION THROUGHOUT UNITED STATES

In a survey of the general building situation throughout the United States, S. W. Straus Company, says:

"Another month of the most successful year in the history of the building industry of the United States has added new accomplishments to the records.

"With material and labor costs still holding firm, in fact, revealing an upward trend in many localities, the volume of building operations for the whole country, during November, has maintained substantially the same percentage of increase over the corresponding period of 1921 as shown in October, approximately 20 per cent.

"The figures indicate the increase for November over last year to be about \$38,000,000 for the entire country. Based on the most accurate information obtainable at this time total building operations for the same were approximately \$278,000,000, making a total for the eleven months period, January 1 to December 1, of about \$3,578,000,000.

"With a continuation of building operations at the rate which now seems probable, the year 1922 will stand as the greatest period in the annals of the building industry, having to its credit a total of about three and three-quarter billion dollars or more than twice as much as the year 1916, generally accepted as the pre-war normal period.

"Practically every state and city of importance in the country has, during the eleven months of the present year, surpassed its total of building for the entire year of 1921. The seasonal decline, which is usually pronounced in November, has this year been exceptionally light throughout the country.

"Despite some apprehension in other industries as regards approaching shortage of labor, with a possible increase of wages, reports on the labor situation in the building industry indicate that conditions generally become decidedly more stabilized during November.

"While building costs are high, in comparison to pre-war levels, it is worthy of special note that these conditions have neither retarded present activities, in the aggregate, nor, to any serious extent, influenced building plans for the immediate future.

"Conservative forecasts reveal an enormous prospective volume of construction in nearly every section of the country.

"The building material situation is holding firm, with tendencies in certain sections toward slight advances. As in October, building material prices were maintained in November largely by reason of continued transportation congestion."

NEW CEMENT PLANT

The first cement plant to be built in Mexico since 1913 has been completed near the city of Monterey by the Portland Cement Co., at a cost of over \$1,000,000. A railroad spur connects the plant with the main line of the National Railway. The product of this new mill has already been placed on the Mexican market, and the local demand is certain to increase with the return of normal conditions and the undertaking of much-needed construction work.—Exchange.

ENGINEERS OPPOSE TWELVE-HOUR DAY

Engineering leaders agree with John D. Rockefeller, Jr., in his declaration against the 12-hour day. Results of a nation-wide survey of 10 continuous industries made by the committee on work periods in continuous industry of the Federated American Engineering societies bear out the contention that the two-shift system is socially unwise and economically unnecessary.

In a statement issued by Dean Mortimer E. Cooley, of the University of Michigan, it is asserted that the views of Mr. Rockefeller represented "a tendency prevailing throughout the world," and that the United States was falling in line with Europe and Asia. The findings of the engineering committee, according to Bradley Stoughton, chairman of the iron and steel committee of the American Institute of Mining and Metallurgical Engineers, applied generally to the steel industry.

Mr. Stoughton, formerly adjunct professor of metallurgy in Columbia University, conducted a special inquiry into hours of labor in the steel industry and reached the conclusion that three shifts of eight hours each should be adopted both from the standpoint of the industry itself and of the general public.

Others quoted in the statement as opposed to the 12-hour day are Horace B. Drury of Washington, Dr. H. E. Howe of Washington, J. Parke Channing and L. P. Alford.

PORTLAND COMPANY PURCHASES KLAMATH LUMBER MILL

Establishment of another large lumbering operation at Klamath Falls, Ore. is seen in the announcement of the purchase by J. E. Wheeler, of Portland, a member of the timber firm of Sopher Wheeler Co., and part owner of the Portland "Telegram," of the sawmill and site of the defunct Klamath Fine Manufacturing Co. at the south end of Klamath lake and adjoining the plant of the Pelican Bay Lumber Co.

It is understood that the enterprise will be in the hands of a company headed by Wheeler and that the plant will be enlarged and a box factory and planing will be added. According to figures available, Wheeler, of Portland, already owns 29,000 acres of timber land in Klamath county, containing 505,000,000 feet of timber, making them the seventh largest timber owners in the county. The plant, it was said, will be overhauled immediately to prepare for spring operations.

NOVEMBER BUILDING SUMMARY

Building operations in San Francisco for the month of November, 1922, totaled \$2,621,471, according to figures compiled by Chief Inspector of Buildings John P. Horgan, of the Board of Public Works. During the past month Horgan reports the issuance of 638 building permits, of these 385 were for alterations, repairs and additions to standing structures.

Following is a segregated report covering the operations for November:

Class	No. Permits	Est. Cost
C	30	\$ 877,742
Frames	222	1,191,794
Alterations	385	629,839
Public Buildings	1	22,186

Total 638 \$2,621,471

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

ALONG THE LINE



Chas. Jones, prominent lumberman, died in Tacoma, Wn., November 28, after thirty-five years in the lumber industry of Western Washington. Jones was one of the Minnesota lumbermen who came to Tacoma in 1884 and organized the St. Paul and Tacoma Lumber Company. He was interested in many enterprises in Southwest Washington, though he had been retired from active business for several years.

According to a statement given out by the mill owners of Klamath County, Ore., all labor will be put on an eight-hour basis beginning December 15. This will end the controversy over hours which started last spring and which resulted in the timber workers' strike. Greatly increased activity in the lumber industry here for the coming year is forecast by Klamath lumbermen.

Officials of the Santa Fe Railroad have authorized the double-tracking of 68 miles of road between Bagdad and Daguerre, San Bernardino county, at a cost of \$3,000,000. The project, the largest extension program in the Santa Fe's history in California since the laying of the transcontinental line, will connect the final gap of double track between Hicks, a desert station twelve miles south of Barstow, and the Arizona boundary.

August G. Heaman, San Francisco architect, has filed suit in the Superior Court at Marysville against Arthur C. Powell of that city for \$300, alleged due for preparation of plans and specifications for an apartment house to be erected in Marysville at a cost of \$25,000. Bids were taken for construction but Powell decided not to proceed with the structure and refused to pay the architect for services rendered.

Ben H. Covell, Sacramento building inspector, reports the issuance of 211 building permits during the month of November. Construction carried on under these permits represent an expenditure of \$445,770. During the month of October 301 permits were issued, the improvements having a valuation of \$1,375,456.

According to word from Madera, Cal., damages and costs to the amount of 20 thousand dollars are asked by Henry Sandberg versus the McMillan-Raymond Granite Company, et al, for injuries alleged to have been received by 18 year old Sulo Sandberg while riding on a quarry train in April, 1921. The boy died about an hour and a half afterwards. The case will be tried in the court of Superior Judge Stanley Murray.

E. A. Bradley of Los Angeles, was elected a member of the Board of Directors of the National Paint, Oil & Varnish Association at its recent meeting at Atlantic City. Lewis R. Atwood of Louisville, Ky., is the new president of the association.

Tim Ryan Jr., for the past six years in the employ of the Sunset Lumber Co. at Salinas as assistant bookkeeper, has been appointed general manager. Ryan succeeds A. F. Wilkes, who is leaving for the north.

Suit for \$2984.70, alleged to be due for building materials, has been brought in the Superior Court of Santa Clara county by the Dudfield Lumber Co., a corporation, against Monte Vista Canning Co. The plaintiff claims that no part of the amount due has been paid and asks the court to declare the judgment prayed for, a lien against the defendant. The Monte Vista Canning Co. is a new company which this year opened a large cannery at Monte Vista, twelve miles west of San Jose.

Northern Pacific Railroad, with headquarters at Seattle, Wash., will expend \$5,500,000 in the purchase of equipment during 1923, including 3000 box cars, 33,000,000 worth of new locomotives including sixteen of the large freight engine type, ten new passenger engines and twenty-five mikados.

The Reno, Nevada, Builders' Exchange will hold its first annual banquet in the Odd Fellows Lodge Building, Reno, Saturday evening, December 6. Among the speakers will be Charles S. Knight, president of the Reno Chamber of Commerce; A. W. Norris, president of the Sacramento Builders' Exchange, and Charles W. Gompertz of San Francisco, president of the California State Builders' Exchange.

Goaded into action by the growing practice of various municipal corporations and public organizations calling for bids for big projects, then accepting their engineer's "estimate" and carrying out the work under the day labor plan, the executive of the Contractors' and Masters Builders' Assn. of Vancouver, B. C., has called a general meeting towards making a strong protest against this practice which threatens to involve the very existence of the contracting industry in that section.

That the mining of asbestos has not been attended with any large degree of profit is indicated by the action of the American Ores and Asbestos Co., which now is dismantling its furnace works and plant in the Sierra Ancha mountains, north of Globe, Ariz. The work is being done by the Southwestern Wrecking Co. of El Paso, under the supervision of Homer C. Hirsch.

Engineering Experiment Station, Urbana, Illinois, has issued Bulletin No. 133, a study of explosions of gaseous mixtures, by A. P. Kratz and C. Z. Rosecrans. Copies will be furnished on request without charge.

The Paraffine Cos., Inc., has purchased forty acres of land adjoining the present plant in Emeryville on which it will construct additions to handle increased business.

The Western Refrigerator Line of San Francisco, organized for the purpose of icing fruit cars for eastern joints, has filed articles of incorporation. Company is capitalized at \$100,000.

A large tract of government timber in Washington and comprising about 111,300,000 board feet of Douglas fir, cedar, white pine and hemlock, has been awarded by the Forest Service to the Elsworth-Bishop Logging Co., according to word from Portland, Ore.

Geo. W. Nielson, Sacramento contractor, died in that city December 1.

Establishment of a school in Fresno for the training of plumbers is proposed by J. W. Hunt, manager of the Valley Industrial Association. Matt Spear, master plumber of Fresno, will be in charge of the school.

The Ward Lumber Co., of Modesto, has purchased the Modesto Lumber Company holdings at Waterford. The consideration is said to be in the neighborhood of \$50,000.

The Cooley Hardwood Manufacturing Company has purchased a two-acre site at Nineteenth Avenue and Dennison street, Oakland, and will engage in the sale of hardwood flooring and other hardwood products.

The \$250,000 bond issue of the Yuba City Union High School District has been sold for a premium of \$17,826. Proceeds of the sale will finance construction of a new high school.

Carl Haase has been appointed building inspector of Santa Barbara in addition to his duties as purchasing agent. H. J. Miller is the new electrical inspector, and J. McPeak the new plumbing inspector.

T. D. Martin, City Engineer of Merced, has been granted a leave of absence to make a European trip. Engineer Martin will be in distant lands for about a year.

The question of issuing bonds of \$100,000 to finance construction of sewage disposal plant will come before Lodi voters December 19.

Dr. C. H. Bulson, of Napa, heads company which proposes to erect a \$300,000 tubercular sanitarium overlooking Capell Valley, seven miles from Napa. Construction will be started next Spring.

The R. S. Leafless Co. of Fresno has been incorporated. Company is capitalized at \$150,000. Directors are: Frank Waterfield, Jefferson J. Robbe and Dave Schuler all of Fresno. Company will manufacture vehicle springs.

Plasterers working on the additions to the high school at Tonopah, Nevada, are on strike for \$12 a day. They were receiving \$10.

Berkeley contemplates a bond issue for several million dollars to improve water front lands.

Tacoma, Wash., will call election to vote on bonds of \$2,000,000 to finance school improvements.

Lieut. Col. Geo. M. Rice, formerly of the 18th Engineers and in charge of considerable construction work in France during the world war, has been elected Superintendent of the Streets and Sewers Department of the City of Seattle.

California Must Refinance or See Cessation of Highway Construction During Coming Year, Says Commission

California faces a minimum expenditure of \$135,000,000 on its State highway system, taking into account only the roads now in the system, and with no regard to new mileage that may be brought in by legislative action or vote of the people.

Funds made available for highway construction out of the \$40,000,000 bond issue will either be spent or obligated before the end of 1923.

The people of California must either finance the work or be prepared to see a cessation of highway construction at the close of the coming year. These are the outstanding features of the biennial report just submitted by Governor Stephens by the California Highway Commission.

The \$135,000,000 is made up of \$100,000,000 estimated to complete the present unimproved mileage now in the State highway system, and \$35,000,000 which it is estimated will be needed to widen and thicken arterial highways of the State and to eliminate railroad grade crossings from the highway system. Credited against this estimate of \$135,000,000 are funds remaining of the \$40,000,000 bond issue. Aid funds that will be available under future Congressional appropriations, and allotments to projects now under way but not completed.

Major Recommendations
Major recommendations included in the report follow:

1. While another bond issue appears to be imperative, the users of the roads should be made to bear a larger share of the highway burden than has been placed upon them in the past.
2. Future bond issues should not contemplate providing funds for completion of the entire system. The public should realize that the completion of the State highway system is many years in the future and that as California grows, its road system must grow with it. Disappointment can only follow any bond issue which the people are asked to vote with the promise that it will be the last one.
3. The preferable method is to ascertain the amount of work that can be economically and efficiently undertaken by the California Highway Commission each year, and under normal building conditions. With this ascertained, the work should then be financed for a period of not less than five years. In the opinion of the Commission, \$12,000,000 represents the maximum annual construction program that should be undertaken under present building conditions and costs. Such a plan would require a rigid budgeting of the funds of a bond issue. Some financial flexibility is absolutely necessary in the conduct of the work. This can be secured if federal funds are left unbudgeted.
5. The gasoline tax and an increase and equalization of the motor vehicle fees offer a practical and fair method of raising a larger share of highway costs upon highway users.
6. The legislature should definitely and rigidly refuse to designate roads as State highways unless at the same time financial provisions for their improvement and maintenance are provided; nor should any roads be included in a bond issue unless a definite allotment for the construction of these roads is made.
7. The maximum permissible weight on State highways should not exceed 22,000 pounds. It is now 30,000 pounds.
8. An adequate force of State motor police be authorized for the enforcement of traffic laws on State highways.
9. The above police be under the authority of the State Highway Commission, the body responsible for the protection and maintenance of highways.
10. Where portable scales reveal that a truck is overloaded, traffic of-

ficers be authorized to demand the removal before the truck proceeds on the highway; the so-called Maryland plan.

Budget Protected
Despite abnormal building conditions and costs, and despite continued attempts to force the Commission to abandon the budget, the Commission has so safeguarded the expenditure of funds that every budget obligation has been and is protected.

Highway Financing Methods
Much of the report is devoted to a discussion of highway financing necessities and methods. Three plans for financing are outlined, namely the pay-as-you-go plan, the bonding plan and the third plan combining features of the first two, which is declared by the Commission to be the best suited to California's need at this time.

Transition Period
Discussing highway construction policies the Commission declares that "The fact should not be forgotten that the highway transportation system of the state and nation is undergoing just such a change as the railroads experienced."

"Under the traffic that they themselves created," the railroads passed from a period of light construction to a period of heavy construction; from the 40 pound rail to 110 pound rail; from single track to the double track; from the C. & P. Huntington engine, which today looks like a toy, to the giant Mallets.

"In 1910 when State highway construction was first started in California, the total registration of motor vehicles was 44,142 and in 1922 to date is in excess of 816,000. If figures were available for the two years in motor vehicle miles or in ton miles, the comparison would be even more astounding."

"The problem before the Highway Commission was and has been to develop a type of road that would give a serviceable mileage to the State; that would take care of traffic increasing in an almost unbelievable manner; and that could be widened and thickened as the volume of traffic requires without the loss of the original investment."

"The success with which this difficult problem was met constitutes a triumph of the engineering department of the California Highway Commission that has won for the department an enviable position in engineering councils the world over."

Widening and Thickening Highways
The report states that all available funds for widening and thickening highways have been exhausted, and that this work must stop unless specific funds for its continuation are made available by the next legislature and the incoming Governor. Discussing this problem and the change in types of roads to meet increasing traffic, the Commission reports as follows:

"Beginning with the slab fifteen feet wide and four inches thick, the condition of California roads were progressively bettered as traffic increased. The minimum thickness was increased to five inches with greater thickness where subgrade conditions demanded it. "Steel reinforcement has been used in increasing quantities. Super-elevation has taken the place of the flat curve. Roads have been widened to the extent that California permits; the edge of the road, always a weak spot, has been thickened and strengthened. "The traffic has become so enormous now, however, that the Highway Commission desires to repeat its warning of four and two years ago, that the state must proceed to widen and in many places thicken its main highways unless approximately 150,000 miles of main state highways are widened and thickened within the next five

years, the loss through traffic impact and traffic congestion will be very great."

The Commission states that if roads are widened and thickened at the proper time "in California hardly a section can be found where a pavement slab, weakened by unforeseen traffic, will not show a salvage value of from 75 to 90 per cent of its initial cost if it is made a part of a thicker and wider roadway."

What Is a Permanent Highway?
The Commission emphasizes what it declares to be the "need to educate the public mind as to the component parts of the road, that people may know that the surface pavement is but a part and in fact the least permanent part of an improved road. The public needs to be informed that pavement is always liable to show distress under excessive traffic, and that the really permanent portions of a highway are, the graded road bed, which usually improves with years under traffic; and the drainage structures."

Big Building Program
Certain very definite reasons made it imperative in the opinion of the Highway Commission, to undertake a large building program during the period covered in the report. In ten years' time the registration of motor vehicles in California has increased over 1750 per cent, and the demand for additional improved highways was increasing in intensity. The peak of excessively high building costs that followed the war passed, and prices showed a sharp decrease. Contractors were easier to work. Unemployment was prevalent, and the fact that highway work employed a large volume of unskilled labor and was distributed over the entire State made it particularly desirable to undertake a large amount of highway construction. The extent of the road building activity of the past two years will be realized when it is stated that in November, 1920, there were 25 contracts and day labor jobs under way on the State highway system involving 250 miles. On July 1, 1922, there were 152 contracts by day labor jobs with a total of 1063 miles. During the period 600 miles of State highway have been completed and 89 miles of highway widened and thickened.

Contracting Policy Favored
In pursuance of its policy of contracting highway work wherever it was feasible so to do, the Commission during the period under discussion has awarded \$13,500,000 worth of work and has undertaken \$4,700,000 in day labor jobs.

Road Types
Concerning road types the report says:

"While the prevailing type of road constructed in California has been of the cement concrete base type, the Highway Commission is strongly of the opinion that there is no one universal type of road."

"The type of improvement to be selected for any road depends primarily upon subgrade conditions, the probable traffic to which the particular road will be subjected and the amount of money available for its construction."

Tests Vindicate California Plan
The report calls attention to the Pittsburg road tests and declares that this test proved beyond question "that the tonnage carried on this test road developed beyond question that the highways built under California specifications afford a traffic service that makes the investment a most profitable one. Once more it is proved that Cali-

fornia's policy of building the roads to suit the traffic and without (over-designing) them is the right plan, economically. The easy way would have been to have made the pavement slabs (over massive) ten years ago but it would have been a wasteful policy."

Battling With The Adobe

Under the caption "Battling with the Adobe" the report refers to the study of the California Highway System made by the U. S. Bureau of Public Roads in which it was found "that 87 1/2 per cent of the paved highways of California were in good serviceable condition. Pavement constituting 12 1/2 per cent of the entire mileage was designated under six classes varying from a condition where travel was somewhat impeded to one where the road was considered impassable. THE ABOVE-WORTHY FACT THAT OF 12 1/2 PER CENT, WHICH CONSTITUTED THE IMPAIRED HIGHWAY, 70 PER CENT WAS ON ADOBE SOIL."

Experiments now under way in which the California Highway Commission and the U. S. Bureau of Public Roads have joined in an effort to solve the adobe problem are outlined. Other experiments now under way are described. These include the treatment of adobe subgrades with oil, cement, lime, sand, gravel; the use of pre-cast slabs for pavement; treatment of asphaltic roads to increase their rigidity and to reduce the danger of skidding; methods of increasing the even riding qualities of pavement, in order that both comfort and riding may be increased and impact damage reduced; construction of various types of roads under similar traffic, subgrade and climatic conditions, so that field comparisons of the cost and service of these types may be obtained.

Roads Built by Convict Labor

Describing convict labor on roads, the Commission says:

"During the past two years, convict labor has been used on the state highways to the maximum extent that it has been possible so to do. In the early months of this period, the use of such labor was made particularly desirable by the shortage of free labor. It is the belief of the Commission, however, that even under normal labor conditions the value of convict labor on highways to the state and to the convicts themselves is such that all available labor of this kind should be employed. There are certain difficulties inherent in this work but these can be overcome when to firm control is added kindness of treatment and generous attention to physical comforts."

"The state is securing excellent roads from convict labor. Experience has shown convicts work best on original construction and that they are apt to lose interest if assigned to the more monotonous work of reshaping or widening a road already constructed. Accordingly, the men are concentrated on sections where first construction is under way. A total of 132 miles of state highway has been built by convicts."

"Experience has also shown the civilian residents of the sections in which these men are employed have little to fear from the proximity of convict camps. In the past two years there have been 92 escapes from the convict camps. Of these escapes 60 men have been captured. Remembering that 1906 convicts had been released on highways during this same period, the number of escapes is exceedingly small."

"Equally important as the saving to the state by convict labor is the value of the work to the convicts themselves. This labor affords an opportunity for men convicted of crime to step gradually from prison to free life. The eagerness with which convicts seek this work and their general good behavior in camp reflects the worthwhileness of the work to the men."

"The Highway Commission believes that the policy of employing the maximum available convict labor in highway work should be continued not alone because of its saving to the state, but also because of the saving in human values that constructive em-

ployment in an out-of-prison environment makes possible."

New Roads and Bridges
Everywhere in the State, says the report, cities and counties are asking the inclusion in the State highway system of a large mileage of highway not now a part of the system, but for the inclusion of which very valid arguments are offered. The counties also are showing an increasing unwillingness to construct bridges on State highways, and the time appears to be not far off when bridge construction must be undertaken by the state along with the construction of the road bed proper.

Highway Beautification

Other points developed in the report are:

The beautification of the highways by planting shade trees pays not only from the increased enjoyment that the trees give but the protection of the shade to the pavement itself justifies the maintenance of these trees.

Roadside Advertising

The efforts of the Highway Commission in keeping the right of way clean of advertising is largely nullified by the willingness of property owners to permit this advertising immediately across the right-of-way line. Newspapers' women's clubs and civic clubs generally should join in creating a sentiment against the "Nightmare of turistic advertising that renders unsightly the vicinity of state and county highways."

Grade Crossings

Since the inception of state highway work 163 grade crossings with railroads have been eliminated. There are still 250 grade crossings on the state highway system. Funds should be provided to permit the complete elimination of these grade crossings on a wholesale removal plan.

Camp Sites

The large and increasing volume of recreational travel on the State highways is bringing to the front a new problem, that of ways and means of caring for this travel. The problem of sanitation is in many places already perplexing authorities. With this large travel the fire hazard to forest and field has also increased. Apparently the state and forestry officials will be forced eventually to concentrate camping on the more largely traveled routes at selected camp sites.

Snow Plows For Roads

"Increasing travel upon the roads requires that they be kept open either through the winter or for a much longer period that has hitherto been the practice. Following the heavy snowfall which closed the Ridge Route last winter, arrangements were made by the California Highway Commission to keep available there snow plows to prevent the necessity of again closing the road because of snow. In the Sacramento River Canyon the heavy travel has occasioned a demand for an all-year route. A snow plow accordingly will be kept in service there."

"It would seem that the time is not far distant when mountain roads will be kept open as long as there is sufficient travel to justify the expense. This development is of further importance inasmuch as if the highway snow plow proves a success, mountain roads may be routed over higher elevations, at a saving of millions of dollars in construction costs."

Traffic Census

The California Highway Commission is now engaged with the United States Bureau of Public Roads in a complete traffic census of the state highway system, the cost of which will be equally shared. This study should give an approximately correct estimate of the volume of traffic on the state highways, the tonnage the highways carry, the peaks and the depressions in the traffic load. Most counties having

improved systems are cooperating in this work by taking a traffic census on important county thoroughfares.

Governor Stephens on Highways

The report closes with appreciation expressed toward Governor Stephens and other officials and boards who have cooperated with the Highway Commission. The closing paragraphs are taken from a statement on California Highways issued by Governor William D. Stephens:

"We must not forget that in ten years time California has created a road system that has challenged and received the admiration of the world. We should not be forgetful of the fact that this system of highways has been so laid out that it serves today not only the large cities of the state but in addition 66 per cent of the population of California, not including San Francisco and Los Angeles, are directly served by state highways. We should not be unimpaired of the economic value of these highways, and should appreciate the importance of the economic service of these roads, a service estimated by the Bureau of Public Roads at \$20,000,000 in 1926 on a total expenditure of \$42,000,000. Nor should we be forgetful of the fact that California's highway system, involving as it does the expenditures of many millions of dollars, has been constructed without a breath of scandal or a suspicion of graft. The highways of California are today making the lives of our people infinitely more happy, and are making our state the playground of the nation."

"I strongly feel that the good road forces of the state should join hands and in the words of former Secretary of Agriculture, Hiram Bingham, in the report of the United States Bureau of Public Roads on the California highway system, this state should 'continue the program of highway development upon which such splendid advancement has already been made'."

The report is signed by N. D. Darlington, Chairman of the California Highway Commission, and Chas. A. Whitmore and George C. Mansfield, Commissioners.

U. S. AGENTS COMPLETE S. F. BUILDERS' INVESTIGATION

An investigation by Department of Justice agents into an alleged criminal conspiracy on the part of San Francisco building contractors and building supply firms to monopolize the market in supplies and to restrain trade, has been completed and the evidence laid before United States Attorney John T. Williams.

The investigation was started two months ago when the defendants were proceeded against in the State courts on charges of violating the Cartwright anti-trust law. The prosecution was the result of the introduction of the so-called American plan or open shop into the building industry here.

Williams states that while he had not been instructed to proceed against the contractors and building supply firms for alleged violations of the Sherman anti-trust law, it is likely that such a course will be adopted if the investigation warrants.

WESTERN ELECTRIC COMPANY HAS BIG YEAR

Charles G. DuBois, president of the Western Electric Company, announces that the sales of that company for the ten months ended October 31 last, amounted to \$170,000,000. This is more than the total sales for 1920, which were the largest in the company's history.

During the first ten months in 1932 orders received have aggregated \$152,000,000, which is about \$24,000,000 more than for the corresponding period in 1921. Western Electric on October 31, 1932 had on its payrolls 50,177 employees which is the largest number in the history of the company, and an increase of almost 5000 compared with the first of the year.

ORGANIZATION NEWS

Co-operation Is Watchword of Sacramento Builders' Exchange

(By A. W. Norfls, President Sacramento Builders' Exchange)

Standing as the authorized representative of the building industry in Sacramento, the Sacramento Builders' Exchange has done much and is laying plans to do more to advance the prosperity and industrial well being of the city.

The one word upon which the exchange is founded is co-operation. Co-operation between members in the same line of business is to be expected, but the big exchange is gained through its acting as the proverbial watchdog over everything pertaining to the building industry. The average citizen who builds his modest home or the business man who erects his hotel, department store or warehouse, probably does not realize the extent to which the exchange enters into his particular construction job.

Directors Represent Members

The exchange is composed of 95 per cent of the contractors, in all lines, in the city of Sacramento. Each of these members, through a governing body of 11 directors, has a definite hand in shaping the policies of the exchange. The directors, through familiarity with the requirements of the various crafts making up the exchange, are able to intelligently regulate the manner in which these crafts do business and the manner in which they deal with the public.

Membership in the Sacramento Builders' exchange is limited to those contractors of the city who can convince the directors that they are able to successfully finance and handle such contracts as may be offered to them. When a member accepts work from the public it is practically an assured fact that the work will be completed rapidly, economically and satisfactorily.

Regulate Wages and Conditions

Possibly the most important work of the Builders' exchange with respect to its effect upon the building public, is the method in which wage scales and working conditions are regulated.

The Sacramento Builders' exchange has in effect at the present time an agreement with the Building Trades Council, which represents the great bulk of organized labor in the city. This agreement has a three-fold purpose.

In the first place, the Sacramento Builders' exchange is assured of wages and working conditions which will prevail over a considerable period of time. In other words, each contractor in the organization is able to intelligently and safely figure jobs with the assurance that there is not likely to be variations in wages paid during the progress of the job.

Agreement Aids Workmen

The laboring man is, through this agreement, able to secure a fair and

equitable payment for his services.

The building public probably secures the greatest benefit through an agreement of this nature, because of the fact that it tends to stabilize building conditions. Contractors are able to figure jobs more intelligently and closer than would be the case if he were not able to tell during the progress of the job what demands were going to be made upon him by organized labor.

The public benefits through this agreement because it specifically states that there shall be no rules or practices countenanced by either party to the agreement whereby production may be limited or restricted, and it is left to the employer to determine the amount and quality of production and the tools which are to be used. It further states that production must not be hampered by restraining rules or practices on the part of any employees.

No Limit On Apprentices

The agreement further provides that no limitations shall be permitted to be placed upon the right of any person to learn a trade, and it is well to mention here that the exchange is in the midst of a campaign at present to increase the number of apprentices in all trades. An active committee is at work on this matter and it is co-operating with a similar committee from the Building Trades Council and the Sacramento school department.

The agreement of the exchange with organized labor is the Magna Charta of the building industry. It assures the average citizen of a square deal when he is spending his money for building purposes.

The entire organization of the exchange is at the services of any citizen who cares to use it. An office is maintained at 1015 1/2 Tenth street, with a secretary in charge. Statistics and data relative to the building industry are on file and publications and magazines having to do with construction work are available.

Interested in Progress

The exchange is active in the interest of all things which will advance Sacramento as a city, and it stands ready to assist in any way possible to further the best interests of the city or its citizens.

It is the belief of the directors of the exchange that in the work of the city council, the chamber of commerce and other industrial and commercial organizations to further the industrial growth of the city one point must not be lost sight of, that home building is one of the finest forms of home industry.

America's most famous exponent of thrift, Andrew Carnegie, has said: "Real estate is undoubtedly the very best investment for small savings."

of \$100,000 to finance roadwork and paving projects.

Eastern interests are in conference with the Hayward Chamber of Commerce regarding the establishment of a motor truck assembling plant in that city.

HUTCHINSON LUMBER COMPANY HAS ELECTRICALLY OPERATED PLANT

Electrical logging has been established as an unqualified success in the forest holdings of the Hutchinson Lumber Company, east of Oroville. This is the verdict of P. N. Webber, field superintendent of the company. The mill at Oroville and twenty-five miles of railroad are also electrically operated.

At the present time four big donkey engines are hauling logs to the railroad, and a fifth is to be installed. The railroad is constantly being extended further into the forest, several grading crews now finding employment.

Two hundred men are employed in the woods at the present time, and the company is planning to continue its logging operations through the winter months. The mill in Oroville will remain in operation continuously.

Webber states that the operation of the electric donkeys offers no special or particular problems, while the ease, rapidity and economy with which they may be handled offer many advantages.

The Hutchinson Timber Company is the second electrically operated lumbering concern in America. The mill in Oroville was put in operation in May, 1932, the date of its completion. It employs 400 men, day and night shifts.

HOUSING SHORTAGE STILL PRO- NOUNCED

There still exists in the United States a general shortage of both residence and business property and although the past year has seen a tremendous building activity, there is as yet no overbuilding. This is the report of the bureau of information and research of the National Association of Real Estate Boards following compilation of a report made after a complete survey of real estate business conditions throughout the country. The survey was made through national committees of the 184 real estate boards and the compilation is a resume of their findings.

The report also clearly indicates that in all parts of the country the amount of building permits issued this year is far ahead of last year, although in some instances the cubic feet of actual production is less than last year. The report indicates that mortgage money is becoming available steadily in increasing amounts and that 7 and 6 per cent are the general prevailing rates.

STRUCTURAL SALES SHOW DECLINE

A marked seasonal decline in the sales of fabricated structural steel in October is announced by the United States Department of Commerce. October sales amounted to 54.9 per cent of shop capacity, compared with 61.6 per cent in September.

Reports received from 149 identical firms from April through October, with a shop capacity of 221,790 tons per month, show the following actual tonnages booked each month and the percentage of shop capacity represented by these bookings:

	Tonnage booked	Per cent of capacity.*
April	191,895	86.5
May	172,268	77.7
June	153,278	69.1
July	143,997	64.9
August	143,515	64.7
September	136,547	61.6
October	121,763	54.9

*The inclusion of additional firms this month has made slight revisions in the per cent of capacity reported previously.

October sales prorated for one firm which failed to report and represented about 1 per cent of the total.

Construction of \$500,000 cement plant on the W. E. Baker Farm at Baker, Ore., is planned by parties whose names are withheld until negotiations are completed.

San Diego County Supervisors contemplate calling election to vote bonds

Building News Section

APARTMENT HOUSES

Permits Arch. 4 For.

APARTMENTS Cost, \$20,000
SAN FRANCISCO, N Sacramento 200 W Franklin.

Three-story and basement frame and plaster apartments (6 4-room apts)
Owner—A. F. Frick, 2006 Mission St.
Architect—A. J. Horstmann, 303 Anglo Bldg., San Francisco.

Completing Plans—Ready For Bids In Two Weeks.
APARTMENTS Cost, \$25,000
OAKLAND, Alameda Co., Cal. nr Lake Merritt.

Three-story and basement frame and stucco apartments (6 4 and 5-room apartments).
Owner—Withheld.

Architect—Louis M. Upton, 454 Montgomery St., S. F.

To Be Done by Day's Work.
APARTMENTS Cost, \$24,000
OAKLAND, Alameda Co., Cal. SE Park Blvd. and Kingsley.

Two-story 22-room frame apartments.
Owner—W. E. McChesney, 1315 San Luis Ave., Oakland.
Architect—None.

Sub-Figures Being Taken—To Be Done by Day's Work.
APARTMENTS Cost, \$100,000
SAN FRANCISCO, S Sutter 137-6 W Leavenworth Street.

Five-story and basement concrete apartments (29 apts.)
Owner—A. F. Falvey, 2059 Lake St., San Francisco.

Plans Being Prepared.
APT. HOUSE Cost, \$1,000,000
LOS ANGELES, L. A. Co., Cal. N E Wilshire Blvd.

12-story (4 8 A apt. house 150x130 320 rooms).

Owner—Min. Critchfield, E. Tropp and A. C. Blumhardt.

Architect—H. J. Bond and Condit, 234 Pine St., S. F.

Contracts Awarded.
APARTMENTS Cost, \$80,000
SAN FRANCISCO, N Bush 135 W Mason

Five-story and basement brick apartments (20 apartments).
Owner—Mrs. D. Bessy.

Architect—W. H. Crim, Jr., 425 Kearny, Marble & Mesole Work awarded to Henry Adams, 1727 Mission Street 1419.

Mill Work to Empire Planing Mill, 750 Bryant St., S. F.

Brick Work, Hollow Tile & Pipes to C. B. Hook, 130 Jessie, 29475.

Steel & Miscellaneous Iron Work to Western Iron Works 141 Leale St., 5302.

Ornamental Iron, Fire Escapes & Elevator Cages to Michel & Pfeffer Iron Works, 1415 Harrison, \$2637.

Excavating, Concrete Sidewalk & Reinforcing Steel to H. L. Petersen, 62 First St., 17436.

Painting, Papering, Etc. to Maundrell & Bowen, 320 Hayes St., \$3250.

The Work to H. J. Shergill Tile Co., 540 Turk St., 8718.

Dumb Waiter to Richard Spencer, Heavest Bldg., \$153.

Glass & Glazing to E. A. Smith Co., Inc., 638 10th St., 2761.

Sheet Metal Work to Morrison & Co., 759 McAllister, 2456.

Lathing, Plastering & Fireproofing to Thos. E. Brown, 1422 E. 24th St., 11380.

Stair Work to J. K. Stewart, 3307 26th St., 17210.

Plumbing to Scott Co., 213 Minna, \$8007.

Electric Wiring to Central Elec. Co., 185 8th, 2371.

Stenn Heating to Scott Co., 213 Minna, \$1220.

One Electric Passenger Elevator to Spencer Elec. Co., 160 7th St., \$3050.

As reported before, the carpenter work was awarded to Vukicevich & Magge, 130 Jessie St., at \$12,353.

General Contract Awarded—Bids To Be Taken in a Week for Mechanical Equipment.

APT. HOUSE Cost, App. \$30,000
SACRAMENTO, Sacramento Co., Cal., 1 St., bet. 16th and 17th Sts.

Two-story frame and stucco apartment house, (the roof 12 apartment apts.).

Owner—Miss Edith L. Grove.

Architect—Leonard Starks, Ochsner Building, Sacramento.

Contractor—Geo. D. Hudnutt, California Fruit Bldg., Sacramento.

Herndon & Finnigan submitted the next lowest bid at \$31,800.

One of the features of the new apartment will be its electrical equipment.

It will have electric washers and driers, electric stoves and heating system, electric lights and ironing machines.

There will be a special ventilating system installed in the roof to protect the tenants on the upper floor from the heat during the summer months.

Plans Completed.
APARTMENTS Cost, \$20,000
SAN FRANCISCO, N W Van Ness and Lombard.

Three-story and basement frame (9) apartments.

Owner—G. A. Metcalfe, 307 Turk St.

To Be Done by Day's Work.
APARTMENTS Cost, \$25,000
OAKLAND, W Beacon St., 120 S. Exchange.

Two-story 15-room frame apartments.

Owner—A. B. Glazier, 1st Natl. Bank Bldg., Oakland.

Plans Being Figured.
APARTMENT HOUSE Cost, \$200,000
SAN FRANCISCO, NW Jackson and Laguna Streets.

Nine-story reinforced concrete apartment house (9 8-room apartments) and basement and garage.

Owner—Joseph E. Levin, San Francisco and S. Levin, New York.

Architect—A. A. Meussdorffer, Humboldt Bank Bldg., S. F.

Segregated figures are being taken as follows:

Plumbing, heating and oil burner; electrical work;

Painting;

Tiling;

Lathing and plastering.

Plans Complete.
APARTMENTS Cost, \$25,000
SAN FRANCISCO, N Fulton 82-6 Franklin Street.

Three-story and basement frame (14) apartments.

Owner—Louis Haas and E. Lacey, 825 Monadnock Bldg.

Contract Awarded.
APARTMENTS Cost, \$11,000
OAKLAND, N W Penniman & 33th Ave.

Two-story frame stores and apartments
Owner—Walter Sayers, 3004 33th Ave., Oakland.

Contractor—Thos. W. Webb, 4663 Fair Ave., Oakland.

Plans Being Prepared.
APARTMENTS Cost, \$25,000
SAN FRANCISCO, Nob Hill.

Three-story and basement frame and stucco apartment building (9 2 and 3-room apts. and garage).

Owner—Withheld.

Architect—Albert Fabre, 110 Sutter St., San Francisco.

Plans will be ready for figures in three weeks.

Contract Awarded.
APARTMENTS Cost, \$16,429
SACRAMENTO, Sacramento Co., Cal. No. 230 J St.

Two-story and basement brick store and apartment building.

Owner—Born Bros., 2300 J St., Sacramento.

Architect—None.

Contractor—Geo. D. Hudnutt, California Fruit Bldg., Sacramento.

Plans Completed.
APARTMENTS Cost, \$10,000
SAN FRANCISCO, E Twenty-third Ave.

125 S Geary Street.

Two-story and basement frame (4) apartments.

Owner—K. Adler, 493 22nd Ave., San Francisco.

To Be Done by Day's Work and Sub Contracts.

APARTMENT HOUSE Cost, \$125,000
SAN FRANCISCO, S E Turk and Leavenworth.

Six-story and basement concrete apt. house 40 apartments.

Owner—D. J. Clancy, 2884 Folsom St.

Architect—H. C. Baumann & Edw. Jose 251 Kearny.

Plans Completed.
APARTMENTS Cost, \$70,000
SAN FRANCISCO, N Bush St. 87-6 W Leavenworth.

Five-story and basement concrete (30) apartments.

Owner—Louis Johnson, 2260 19th Ave.

Contract Awarded.
APARTMENTS Cost, \$15,000
SAN FRANCISCO, E Taylor 92 N Sacramento.

Three-story and basement frame (6) apartments.

Owner—Jas. W. Cramer, 1732 Golden Gate Ave.

Contractor—Olson & Persson, 289 Fell Street.

Plans Being Figured.
APT. HOUSE Cost, \$30,000
BERKELEY, Alameda Co., Cal. Arch St.

Two-story and basement frame and stucco apartment house, 27 rooms, 8 apartments.

Owner—J. O. Davis.

Architect—W. H. Ratcliff, Jr., First Natl. Bank Bldg., Berkeley.

Figures are being taken for a general contract.

BANKS

Sketches Being Prepared.
APT. HOUSE Cost, \$12,000
BERKELEY, Alameda Co., Cal. Shattuck Ave.

One-story class C store and bank bldg.

Owner—Withheld.

Architect—Louis M. Upton, 451 Montgomery Street.

BONDS

RICHMOND, Contra Costa Co., Cal.—Bonds of \$150,000 voted at recent election to finance purchase and equip playgrounds. H. D. Chapman, City Engineer.

STOCKTON, San Joaquin Co., Cal.—Proposition to issue bonds of \$1,300,000 for the construction of the Calaveras flood control project was defeated at a recent election.

BERKELEY, Alameda Co., Cal.—City Council will be petitioned to call election to vote bonds of several million dollars to finance improvements to the Berkeley harbor.

EUREKA, Humboldt Co., Cal.—City council adopts resolution to call election to vote bonds of \$100,000 to purchase of ties, rails, cars and other equipment for Municipal Railway system. Harry Hannah, city eng.

STOCKTON, San Joaquin Co., Cal.—Proposition to issue bonds of \$19,000 for the Oak Park extension project failed to carry at recent election.

EUREKA, Humboldt Co., Cal.—City Council adopts resolution to call election to vote bonds of \$100,000 to purchase and improve park lands.

MARYSVILLE, Yuba Co., Cal.—Election set for November 29th in Honcut-Yuba Irrigation District to vote bonds to finance construction of irrigation works called off by directors of district. Another election will be held under a plan acceptable to the State Engineer and the State Bond Commission who failed to endorse the project under which the cancelled election was slated.

SAN DIEGO, Cal.—City Mgr. F. A. Rhodes announces that a \$100,000 bond issue will be required for the new street improvement program. New pipe for water mains will involve over \$250,000.

RICHMOND, Contra Costa Co., Cal.—Proposition to issue bonds of \$50,000 for public building, gymnasium and recreation place failed to carry at recent election.

RICHMOND, Contra Costa Co., Cal.—Proposition to issue bonds of \$50,000 to finance municipal auditorium failed to carry at recent election.

RED BLUFF, Tehama Co., Cal.—Election will be held in Red Bluff School District to vote bonds of \$27,500 to finance construction of school to replace the Lincoln school which has been condemned.

RICHMOND, Contra Costa Co., Cal.—Proposition to issue bonds of \$100,000 to finance construction of city hospital failed to carry at recent election.

MIDDELTOWN, Lake Co., Cal.—Election will be called shortly to vote bonds to finance construction of a new grammar school.

SAN JOSE, Santa Clara Co., Cal.—Supervisors sell \$13,000 bond issue of Saratoga School District for premium of \$408; proceeds of sale to finance construction of new school building.

LIVINGSTON, Alameda Co., Cal.—Election will be held January 20 in Washington Union High School District to vote bonds of \$150,000 to finance construction of new high school.

HOLLISTER, San Benito Co., Cal.—Supervisors sell 20,000 bond issue of Pacheco School District for premium of \$700; proceeds of sale to finance construction of new school.

TULARE, Tulare Co., Cal.—January 9 is date set to vote bonds of \$50,000 to purchase site, build and equip fire house and improve city hall.

FULLERTON, Cal.—An election will be held Dec. 18 to vote on the proposed sewer bond issue of \$250,000 to provide for Fullerton's share in the outfall sewer.

SAN FRANCISCO.—Public Utilities Committee of Supervisors contemplate calling election to vote bonds to finance construction of extensions to Municipal Railway system. M. M. O'Shaughnessy, city engineer.

SAN DIEGO, Cal.—County supervisors are planning to submit to the people at an early date, a bond issue of \$1,000,000 for roadwork and paving.

PASADENA, Cal.—Proposal to issue bonds of \$500,000 to secure a system of bus transportation with storage and repair shops, etc., failed to carry at recent election.

PASADENA, Cal.—Bonds of \$200,000 voted to provide water distributing system and \$250,000 to acquire existing water system.

CHURCHES

Commissioned To Prepare Plans
CHURCH Cost, \$500,000
PASADENA, L. A. Co., Cal.—N. W. Union Street and Marengo Ave.
Church.
Owner.—First Baptist Church.
Architect.—Carleton M. Winslow, 1134 Van Nuys Bldg., L. A. and Frederick Kennedy, Jr., Chamber of Commerce Bldg., Pasadena.

Plans Being Prepared.
SYNAGOGUE Cost, \$50,000
FRESNO, Fresno Co., Cal.—Calaveras & "N" Streets.
Synagogue (Community Center and School).
Owner.—Temple Beth Israel.
Architect.—Robt. B. Hotchkiss, Powell Bldg., Fresno.

EASTON, Fresno Co., Cal.—Building committee has been appointed by Methodist Episcopal Church to raise funds to finance construction of \$30,000 church building at Elm and Humboldt avenues.

STEVE, Contra Costa Co., Cal.—Rev. R. L. Webb, pastor Steve Presbyterian Church, has had plans prepared for a one-story concrete block church 25 by 190 ft., with auditorium seating 300. Estimate cost \$13,000. Funds are now being raised.

SAN FRANCISCO, Cal.—Herman Bosch, 429 Fulton St., has been awarded a contract by the Roman Catholic Archbishop of S. F. for the metal framing, lathing and plastering for a church building on the north side of Filbert St. 137-5 E. Powell St. Contract price \$657.57. Chas. Pantoni, 559 Montgomery St., is the architect.

PORTLAND, Ore.—Fourth United Brethren church, Rev. B. Ross Evans, pastor, approves plans for a \$20,000 church to be erected at Fremont station. Grading of site has been completed.

OLYMPIA, Wash.—First Christian Church will erect a \$50,000 brick church at Sever and Franklin streets.

STOCKTON, San Joaquin Co., Cal.—East side Presbyterian Church, Dr. J. D. Dameron, chairman of Board of trustees, Stockton, will appoint committee to secure plans and costs for erecting new church building. Rev. Paul H. Goss, pastor.

FACTORIES & WAREHOUSES

Contract Awarded.
WAREHOUSE Cost \$85,000
SAN BERNARDINO, San Bernardino Co., Cal.—Rialto & D Sts.
Two-story reinforced concrete warehouse.
Owner.—Southern Terminal Warehouse & Storage Co.
Contractor.—W. C. Horne Constr. Co., Los Angeles.

Plans Complete.
FACTORY Cost, \$30,000
SAN FRANCISCO, W San Bruno Ave 135 N Costa.
Three-story steel and concrete factory.
Owner.—Cal. Shade Cloth Co., Inc., 2153 Bryant St.

Plans to be Prepared.
FACTORY Cost, \$—
SAN FRANCISCO, W Twelfth Street bet. Market and Mission Sts.
Three-story Class C factory building.
Owner.—Louis R. Lurie, Mills Bldg., San Francisco.
Architect.—Not Decided.

Contract Awarded.
MACHINE SHOP Cost, \$13,000
SAN FRANCISCO, Tenth and Minna Streets.
One-story reinforced concrete machine shop.
Owner.—Louis R. Lurie, Mills Bldg., San Francisco.
Architect.—O'Brien Bros., 240 Montgomery St., San Francisco.
Contractor.—Meyer Bros., 5326 Geary St., San Francisco.

WAREHOUSE Cost, \$200,000
LOS ANGELES, L. A. Co., Cal.—N. E. Los Arroyos Ave. and Alhambra St.
Five-story Class A reinforced concrete warehouse.
Owner.—San Seelig Co., 400 Broadway Bldg., New York.
Architect.—H. H. Wood & Co., 1001 Bldg., Los Angeles.

BAKER, Ore.—Construction of a \$200,000 cement plant on the W. E. Baker farm, planned to be placed in the hands of a company who have held all negotiations are completed.

SANTA ANA, Orange Co., Cal.—R. L. Stewart, of Alhambra, Ore., is organizing a company to build a cotton factory at Santa Ana. The company will have authorization to borrow \$500,000 and it is probable that the property of the Mason-Wooden Mills on Washington Ave may be purchased and remodeled.

WILMINGTON, L. A. Co., Cal.—Geo. L. Eastman Co., 1401 S. Alameda St., was awarded a contract at about \$100,000 for building plant for the factory to be located at Wilmington for the California Dry Ice Co. Albert C. Martin, 430 B. B. Bldg., L. A. archt. Plans will be ready for by Dec. 15 on the ground about Jan. 1.

LOS ANGELES, L. A. Co., Cal.—McCord, McElroy & Chapman, on behalf of Texas Oil Co., have applied to the local court to be granted a lease of land at the latter operates the California Island Co. terminal, as a site for oil and oil products warehouses to cost approx. \$200,000.

TULARE, Tulare Co., Cal.—J. A. Thomas, manager of the Texas Ranch, will supervise the construction of a factory to be located six miles north of Tulare. Plant will handle fruit from 150 acres just coming into bearing.

MOUNTAIN VIEW, Santa Clara Co., Cal.—Stenhardt-Kelly Corp., New York awarded contract by fruit growers in this section to construct large packing plant in connection with precooling system now established.

EMERYVILLE, Alameda Co., Cal.—Parline Companies, Inc., 31 First St., San Francisco, has purchased 10 acres of land adjacent to the present plant of Emeryville for future expansions, thus giving the company 65 acres.

CORNING, Tehama Co., Cal.—Corning Ice and Bottling Co. will construct addition to its present quarters for an ice plant.

LOS ANGELES, Cal.—E. E. Frost, 1944 Lincoln St., has recently purchased an acre of land (lot 2, Central Industrial Tract) 118x271 ft., East 16th near Alameda L. A. It is reported that northern and central California are interested with Mr. Frost in the matter of erecting a warehouse for handling cash, deers, etc., and that he has intention to make the building the largest mail order house of the kind in this territory. The building and equipment will represent an investment of \$350,000.

FLATS

To Be Done By Day & W. K.
FLATS Cost, \$10,000
SAN FRANCISCO, W 10th Ave, 229 N Judah.
Two-story and basement frame (2) flats.
Owner.—A. V. Anderson, 623 21st Ave.

Contract Awarded.
FRAME FLATS Cost, \$14,000
BERKELEY, Alameda Co., Cal.—No. 2200-2-4-6 McKinley Ave.
Two-story 16-room frame flats.
Owner.—F. J. Spear.
Architect.—None.
Contractor.—California Builders Co., 1534 Franklin St., Oakland.

POSITION WANTED — Young man experienced in manufacturing of sheet metal products seeks an opening in charge of plant; experienced in building sheet metal work; doors, heating and ventilating; irrigation work; tanks and specialties; estimator. Able to design products and organize plant. Can furnish best of references. Address "Engineer" Building and Engineering News, 560 Mission Street, San Francisco, (Dec. 13-20-27)

To Be Done By Day's Work.

FLATS Cost, \$12,500
SAN FRANCISCO, 3 W. Cabrillo St.,
14th Avenue.
Two-story & basement frame (4) flats.
Owner—Neils F. Johnson, 1934 Polson
Street.

GARAGES

Plans Completed.
EXTENSION Cost, \$60,000
SAN FRANCISCO, No. 150 Turk Street.
Two-story reinforced concrete extension
to garage.
Owner—Thos. Mongall (Star Garage
Co.) 150 Turk.
Architect—Jos. L. Stewart, Claus
Spreckels Bldg., San Francisco.

Plans Being Figured.
GARAGE Cost, \$51,000
SAN FRANCISCO, S Stevenson St. bet.
Polk Street, 62-6X137-6.
Two and one-half story and basement
reinforced concrete garage.
Owner—Louis R. Lurie, Mills Bldg., San
Francisco.
Architect—Arthur S. Dugbee, 26 Mont-
gomery Street, San Francisco.

Figures are being taken for a general contract.

Plans Being Prepared.
GARAGE Cost, \$—
SAN FRANCISCO, S Stevenson St. bet.
Eecker and Second Sts., running
through to Jessie St.
Two-story and basement reinforced
concrete garage and service station
(200 cars) 150 ft. on Stevenson
and 130 ft. on Jessie.
Owner—Stevenson Garage, Inc.
Architect—Arthur S. Dugbee, 26 Mont-
gomery St., San Francisco.
Bids will be taken in about two
weeks for a general contract.

Plans to be Prepared.
GARAGE Cost, \$—
BERKELEY, Alameda Co., Cal. Shat-
tuck Ave. from Parker to Carlton
Streets.
One-story reinforced concrete commercial
garage and auto sales bldg.
Owner—John Havens, Berkeley.
Architect—Jas. W. Plachek, 2014 Shat-
tuck Ave., Berkeley.
Lessee—Ford & Studebaker Agencies.

Plans Being Figured.
ALTER & ADD. Cost, \$20,000
SAN FRANCISCO, S Pacific 143 E Van
Ness Ave.
Alter & add for garage and paint shop.
Owner—A. A. Treconia, Gunst Bldg.
Architect—August G. Headman, Call
Building.

FRESNO, Fresno Co., Cal.—The Her-
minghaus Estate will erect a one-story
fireproof garage building on L street,
between Merced and Tuolumne streets,
to be leased to Waterman Bros., Tulare
and L Sts., Fresno. The structure will
cover an area of 125 by 150 feet, and
will cost in the neighborhood of \$50,-
000.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—A bill seeking
an appropriation of \$1,250,000 to fi-
nance construction of a new postoffice
building in Oakland, Calif., has been
submitted by Representative MacLaf-
erty of California.

WASHINGTON, D. C.—Until Dec. 20,
10:30 a. m., bids will be rec. by Panama
Canal Commission, under Circular No.
1502, for fuel and oil. Bidders (Pacific
Port): steel, steel and phosphor bronze
rope, steel wire, Manila cable and rope,
safety fuse, detonators, blasting caps,
cannibal-joint roofing, lugs and copper
tubing, controller segments, cast steel
separators, air and oil pumping outfit,
air pump, centrifugal pump, pipe dies,
range boiler, valves, water coolers,
water-closet bowls, nails, spikes, bolts,
files chain, machetes, plate glass, fire
brick, boiler plate, zinc, oxygen hose,
oil hose, oakum, steam packing, emery
cloth, linseed oil, shellac, metallic
brown, croscote oil, acetone, glue, box
car siding, etc. Copies of Circular No.
1502 may be had from ATIS, Purchasing
Agent, Fort Mason, San Francisco.



LIONS ENJOY VISIT FORMER TULAREAN

Tulare Lions yesterday heard two interesting talks, one vocational by Nevin Seamonds, the other reminiscent by Clarence F. Pratt, former resident of Tulare and described by his brother, Leonard Pratt, the lumberman, as the first "white" child born in the city. It is said many Indians arrived ahead of Clarence. George Burnett, Rotarian, was also a guest.

Mr. Pratt announced that he and Roy Hodges are full cousins, and told how while boys they tried to become broncho busters, eliciting much laughter and a retort from Mr. Hodges. As an ardent Rotarian, Mr. Pratt delved deep into the purposes of the service clubs and told the younger Lions what is expected of them and how they may accomplish much. He said his ambition is to drive six horses down Market street, San Francisco, although he has little hopes of ever achieving it.

At request of Jim Smith, chairman of the Goodfellowship Committee, Clarence Pratt gave interesting details of the sand business, in which he is one of the biggest factors in California. He said his company sells annually 200 tons of fine sand at \$1.50 a ton, which goes into cartons to feed canary birds and retails for \$200 a ton. He also explained the modern method of cutting lettering in marble and granite, removing paint from cars and buildings and smooth iron by sand. His pits, he said, are replenished daily by tide from the sea, the flowing waters of rivers, insuring an inexhaustible supply.—Tulare Daily Advance.

SAN FRANCISCO SPEAKER AT TULARE LION LUNCHEON

TULARE (Tulare Co.), Dec. 1.—Clarence F. Pratt, San Franciscan, well known in Mystic Shrine circles, was the speaker at a luncheon of the Tulare Lions Club here during the noon hour today.—Fresno Bee.

BESIDES HELPING eat three turkeys.

EATING A Spanish dinner.

AT VISALIA, world famous.

FOR ITS Spanish dinners.

AND "SITTING IN."

ON A fried chicken dinner.

CLARENCE SAND Pratt, President.

OF THE Pratt Building Material Co.

DOUGLAS 300—"easy to remember."

MADE A speech.

BEFORE THE Lions Club.

AT TULARE CITY.

WHERE SANDY (alias Clarence) Pratt.

SPENT HIS Thanksgiving vacation.

THEY STUFFED the turkeys.

BEFORE SANDY Pratt appeared.

AND AFTER Sandy arrived.

ALL HE did.

WAS TO stuff, stuff, stuff.

IT IS some contract.

TO TRY and consume.

A FLOCK of turkeys.

A SMALL hand of chickens.

AND A mammoth Spanish dinner.

IN FOUR days.

BUT OUTSIDE.

OF SELLING Clean, sharp sand.

SANDY PRATT thinks.

HE IS the best eater.

OF TURKEY, chickens, etc.

THAT WAS ever born.

IN TULARE.

TULARE IS a wonderful city.

ESPECIALLY AFTER Sandy Pratt.

MOVED AWAY.

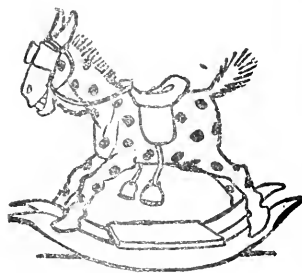
AND BEGAN selling sand.

FROM PRATTCO, Monterey County.

AND FROM Sacramento and Marys-

ville.

"I THANK you."



Referring to the above story from the Tulare Advance, this is the only kind of a horse that Clarence Sand Pratt and his Tulare cousin, Roy Hodges, self-styled boy horse breaker could "break" and then they would have to use a hammer. Clarence Sand Pratt, famous sand producer and shipper, and his cousin tried to break Nevada mustangs, when they were kids in Tulare, but the wild west horses broke the cart, most of the boys' legs, also their hearts, when they were disqualified as horse breakers by their guardians.

Bids To Be Called for in About a Week.
CLUB LODGES. Cost, \$200,000 approx.
TANFORD RACE TRACK, San Mateo Co., Cal.
 Two-story frame and plaster club building.
 Owner—Pacific Coast Jockey Club.
 Howard Spreckels, Secretary, 913 First National Bank Bldg., San Francisco.
 Architect—G. A. Applegate, Claus Spreckels Bldg., San Francisco.

Segregated Figures Being Taken From a Selected List of Contractors.
LODGE BLDG. Cost, \$200,000.
BAKERSFIELD, Kern Co., Cal., W 18th St., bet "E" and "D"
 Four story and basement reinforced concrete and hollow tile lodge bldg.
 Owner—Masonic Temple Assn. (A. S. Crites, Secretary).
 Architect—Earl Werner, Santa Fe Bldg., San Francisco.

Plans To Be Prepared.
LODGE BLDG. Cost, \$50,000.
SAN FRANCISCO, West of Twin Peaks Fireproof Ldg. Bldg. (hall, banquet hall, kitchen).
 Owner—Mt. Davidson Lodge No. 481 F. & A. M.
 Architect—Not selected.
 Curtis C. Leighton is the incoming master and Howard W. Center is Secretary. Construction will be started in the spring of 1923.

Contract Awarded.
CLUB BLDG. Cost, \$20,450.
BAKERSFIELD, Kern Co., California, 17th and L Streets
 Club building.
 Owner—Frank S. Reynolds Post No. 26 American Legion, C. H. Nichols, Secretary, Bakersfield.
 Architect—Chas. H. Biegler, Bank of Italy Bldg., Bakersfield, Cal.
 Contractors—Wm. Essler, Bakersfield, California.
 Other bidders were (all Bakersfield): T. L. Cammins, \$26,000; Wm. Essler, \$20,450; Henry Essler, \$20,600; Currie & Duglar, \$21,000; L. Sorenson, \$23,450.

MODesto, Stanislaus Co., Cal.—St. Stanislaus Catholic Church will wreck old church building and will use materials therefrom in the construction of a social hall, 40 by 125 ft.

CHICO, Butte Co., Cal.—Gahill Camp No. 52, Spanish-American War Veterans have back movement to raise funds to finance construction of an auditorium building for private and public use.

SACRAMENTO, Cal.—Sacramento Council of Knights of Columbus has been authorized by the National Organization to organize a building association to finance construction of a new hall and club building to cost \$200,000. Articles of incorporation are being prepared and early construction is assured.

KELSO, Wash.—Kelso Club will organize a building association to finance construction of a \$200,000 fireproof club and hotel, 150 rooms, to be erected near the business district.

NORTH BEND, Ore.—Architects Tourtellotte & Hummel, 211 Pauling Bldg., Portland, Ore., taking bids for 2-story and basement concrete 195x102 ft. store and lodge hall to be erected for Arata Lodge No. 28, I. O. O. F., est. cost \$150,000. Bids to be opened Dec. 14.

OROVILLE, Butte Co., Cal.—City trustees have sold property no longer required by municipality, the proceeds of the sale to purchase a site and erect a new city hall.

PORTLAND, Ore.—City will sell bonds of \$200,000, available to finance purchase of site and erect incinerator plant, bids for which will be opened Dec. 20, as previously reported.

HOSPITALS

Preliminary Plans Being Prepared.
HOSPITAL. Cost, \$350,000.
LOS ANGELES, L. A. Co., Cal., Westlake Park.
 Class "A" hospital.
 Owner—Dr. Carl T. Rose.
 Architect—John J. Donnellan, Lissner Bldg., L. A.

STEWART, Nevada—Until Dec. 15, 2 p. m., bids will be received by Frederic Snyder, superintendent Carson Indian School, for carpentry work in connection with the erection of a stone mess hall. Cert. check 5% payable to Commissioner of Indian Affairs required with each bid. Plans may be had from the superintendent at Stewart.

SAN JOSE, Santa Clara Co., Cal.—Bids received as follows: (1) Dec. 1, 1922 by the Santa Clara County Supervisors for painting the main building, (2) superintendent's residence, (3) tuberculosis pavilion, (4) water tanks and tower.

R. Zelinsky, 180 Jessie St., S. F., was awarded the contracts for the main building, residence and tuberculosis pavilion. The tower and tank was awarded to J. A. Mohr, of S. F.
 R. Zelinsky (1) \$5409, (2) \$245, (3) \$1260, (4) \$460.
 J. A. Mohr, S. F. (1) \$5822, (2) \$270, (3) \$1648, (4) \$258.
 Wm. Herman (1) \$6117, (2) \$315, (3) \$1724, (4) \$325.
 J. P. Jordan (1) \$5910, (2) \$357, (3) \$1695, (4) \$475.
 J. C. Peterson (1) \$5767, (2) \$300, (3) \$1674, (4) \$325.

REDWOOD CITY, San Mateo Co., Cal.—Engineering Structures Co., Call Bldg., San Francisco, 5556 submits low bid to supervisors for electrical work at county (community) hospital. Other bids: Decker El. Const. Co., \$1340; M. E. Ryan, \$1224.

REDWOOD CITY, San Mateo Co., Cal.—Montague James and Purman Co., 826 Mission St., San Francisco, at (1) \$501.50, (2) \$5346.50, submits low bid to county supervisors to install kitchen equipment in county (community) hospital. Other bids: Nathan Gohman Co., (1) \$5354.40, (2) \$5953.90; John G. Iils, (1) \$5904; Johnson Oil Burner Co., \$6126; Peninsula Burner and Oil Co., \$6371; Mangrum and Otter, \$5547.

SAWTELL, L. A. Co., Cal.—A national appropriation of \$300,000 has been made for the purpose of constructing a hospital for the disabled war veterans' hospital at Sawtelle. When the addition is finished the complete plant will have a capacity of 300 beds. According to Col. O. K. Marshall, governor of the home, the contr. will be let within a few weeks.

POWER PLANTS

CALIFORNIA.—California-Oregon Power Co., seek authority from R. R. Commission to sell \$500,000 of its preferred stock to finance additional work and betterments to its plant and to reimburse treasury for improvements already made. Company operates in Southern Oregon and in the counties of Siskiyou, Shasta and Trinity, Calif.

PUBLIC BUILDINGS

Contract Awarded.
GRANDSTAND. Cost, Approx. \$125,000.
TANFORD RACE TRACK, San Mateo County.
 Steel frame and wood grandstand (5000 seats).

Owner—Pacific Coast Jockey Club.
 Howard Spreckels, Sec., 913 First National Bank Bldg., S. F.

A. E. Leitch

Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 720

Architect—G. A. Applegate, Claus Spreckels Bldg., S. F.
 Contractor—Grace & Lernieri, Claus Spreckels Bldg., S. F.

The next lowest bid was submitted by the Clinton Constr. Co., and was very close to Grace & Lernieri's figure.

NAPA, Napa Co., Cal.—E. W. Doughty, Napa, at \$2,340 awarded contract to remodel city hall. Confield & Ariza, Napa, only other bidders at \$2,485.

SAN FRANCISCO.—Architects Frederic H. Meyer and Albin R. Johnson, Bankers Investment Bldg., have prepared plans for the proposed exhibition building to be financed by fifteen cities and later taken over by the city to be maintained for housing livestock, automobile, industrial and other shows. The structure will be erected on the Marina, bounded by Buchanan, Fillmore, Leach and Kay Streets and will cover an area of 400 by 700 ft. The Board of Supervisors has passed a resolution authorizing the Mayor to negotiate a contract with the group of citizens who will finance the structure.

REDWOOD CITY, San Mateo Co., Cal.—West County Nursery, Palo Alto, bidding \$4550.90 for items 1 and 2 combined, submits low bid to county supervisors for gardening, lawns, shrubs, etc., at county (community) hospital. Peterson and Haywood, 313 San Mateo Ave., Burlingame, bid (1) \$5031.75; (2) \$4201.75. McMorris and McLaren Co., of San Francisco, protested any award of the contract because no intelligent bid could be submitted on the plant and specifications.

SACRAMENTO, Cal.—Until Dec. 14, 2 p. m., bids will be received by H. G. Denton, city clerk, for fur. trees for William Lund Park. Spec. on file in office of clerk.

OAKLAND, Cal.—Until Dec. 14, 12 m., bids will be received by Eugene K. Sturgis, city clerk, for removing hot water heaters from various Fire Houses and installing same in other buildings and furnishing and installing instantaneous hot water heaters in Rife Houses. Bond of \$500 required of successful bidder. Specifications on file in office of city clerk.

RESIDENCES

Contract Awarded.
RESIDENCE. Cost, \$20,000.
SAN FRANCISCO, N Green 220 E Jones Two-story and basement frame residence (10 rooms).

Owner—Chas. E. Jones, 263 Market St.
 Architect—John K. Dranner, 251 Kearny Street.

Contractor—Geo. Wagner, 251 Kearny.

Owner Taking Sub-Figures—To Be Done by Day's Work.
DWELLINGS. Cost, \$4000 and \$4500 each.

SAN FRANCISCO. Nineteenth Ave., 20th Ave. and Kirkham St.
 19 one-story and basement frame and stucco dwellings (5 and 6 rooms).
 Owner—Wm. Gibson, 454 Ellis St., San Francisco.
 Architect—Willis Lowe, Monadnock Bldg., San Francisco.

Contract Awarded.
RESIDENCE & GAR. Cost, \$16,685.
STOCKTON, Lot 6 and S 15 ft. Lot 7, 15th and L St., Tract.
 Residence and garage.
 Owner—A. P. Roberts, 47 West Rose St., Stockton.
 Contractor—O. H. Chain, Farm & Merchants Bldg., Stockton.

Plans Being Figured.
RESIDENCE. Cost, \$9,500.
SAN FRANCISCO. Balboa Terrace.
 Two-story frame and plaster nine-room residence.

Owner—R. W. Lawton, 582 11th Ave., San Francisco.
 Architect—E. H. Hildebrand, 110 Sutter St., San Francisco.

Plans Being Prepared.
RESIDENCE. Cost, \$20,000.
MENLO PARK, San Mateo Co., Cal. Two-story frame colonial residence (10 rooms and 3 bathrooms).
 Owner—Sherman Kimball.
 Architect—W. C. Hays, 1st Natl. Bank Bldg., San Francisco.

Figures To Be Taken Shortly.

RESIDENCES & GAR. Cost—
SAN FRANCISCO, Western Addition.
Three 1-story and basement frame and
stucco and brick veneer residences
5 rooms and garage.
Owner—Withheld.
Architect—M. I. Schwartz, Nevada Bk.
Bldg.

Contract Awarded.

RESIDENCE Cost, \$11,000
BURLINGAME, San Mateo Co., Cal.
Bldg. 1st part of lot 16, Burlingame
Park No. 3.

Two-story frame residence.

Owner—Hugh P. Treat and Florence
P. Treat.
Architect—Norman R. Coulter, 16
Kearny St., S. F.

Contractor—Oscar Cavanaugh 1621 Park
San Mateo.

Plans Being Figured.

RESIDENCE Cost, \$16,000
SAN FRANCISCO, Jackson St. near
Laurel.

Two-story and basement brick veneer
and stucco residence (8 rooms and
basement garage).

Owner—A. Marx.
Architect—Wm. F. Gunnison, 1666 Gol-
den Gate Ave.

Bids are being taken for a general
contract.

Plans Being Figured.

RESIDENCE Cost, \$17,000
SAN FRANCISCO, S. W. Jackson and
Laurel.

Two-story and basement frame and
stucco residence, 8 rooms, 2 baths
and separate garage.

Owner—Al. Sala.
Architect—Wm. F. Gunnison, 1666 Gol-
den Gate Ave.

Figures are being taken for a general
contract.

Plans Being Figured.

RESIDENCE Cost, \$15,000 ea
SAN FRANCISCO, W. Lyon foot of
Green Street.

Five 2-story and basement and attic
frame duplex residences.

Owner—Carlo Matraia.
Architect—August G. Headman. Call
Building.

Plans Completed.

RESIDENCE Cost, \$16,000
SAN FRANCISCO, San Joaquin Co., Cal., No.
4520 N-Hunter Street.

Residence.
Owner—A. F. Roberts, 47 W-Rose St.,
Stockton.

SCHOOLS

Plans Being Prepared.

SCHOOL BLDGS. Cost, \$250,000
YUBA CITY, Yuba Co., Cal.

Three one and two-story hollow tile
and pressed brick school buildings
with tile roof.

Owner—Yuba City Union High School
District.

Architect—Geo. C. Sellen & Co., Mitau
Bldg., Sacramento.
Bonds have been sold.

Contract Awarded.

SCHOOL Cost, \$26,900
GERBER, Tehama Co., Cal.

One-story four-room and auditorium
frame school.

Owner—Gerber Union High School Dist.
Architect—Geo. C. Sellen & Co., Mitau
Bldg., Sacramento.

Contractor—Hart Constr. Co., Gerber
Calif.

Plans Being Prepared.

SCHOOL Cost,
SACRAMENTO, Sacramento Co., Cal.,
"W" and 21st Sts. (Keeney School).

Two-story frame and stucco school
bldg. 4879.

Owner—Mrs. H. O. Keeney.
Architect—Eugene B. Baker, 2369
Howe St., Berkeley.

Plans Being Completed.

SCHOOL Cost—
EUREKA, Nevada.

School building.
Owner—Eureka School District.
Architect—Geo. A. Ferris & Son, Colon-
ial Apartments, Reno, Nevada.

Bonds of \$30,000 voted to finance con-
struction.

Figures To Be Taken Shortly.

SCHOOL Cost, \$25,000
MILBRAE, San Mateo Co., Cal.
One-story and basement frame and
plaster school (3 rooms and an au-
ditorium).
Owner—Milbrae School District.
Architect—Ernest L. Norberg, Balboa
Bldg., S. F. and Burlingame.

Blds Opened.

SCHOOL Cost, \$80,000
FORBES BRAGG, Mendocino Co., Cal.

One-story frame and rustic 16-room
and auditorium school.

Owner—Fort Bragg School District.
Architect—Geo. C. Sellen & Co., Mitau
Bldg., Sacramento.

General Contract

Knudsen & Engen, Patterson, \$77,713
Mr. Chirhart, Lodi, \$8,831

Mending and Umbing

Windling Hardware Co., Fort
Bragg, \$14,966

Latourrette-Fical Co., Sacto., \$16,000

Electrical Work

Latourrette-Fical Co., \$2421

Commissioned To Prepare Plans.
DOHMITTES Cost, \$328,000 1st Unit
BEIRKELLY, Contra Costa Co., Cal. E of
Chloro Rock.

First unit of women's dormitories.
Owner—University of California.
Architect—John Galen Howard, First
Nat'l Bank Bldg., S. F.

Plans Completed—Bids to Be Asked
Shortly.

GYMNASIUM Cost, \$12,000
HANFORD, Kings Co., Cal. Douy
Street.

One-story frame and stucco gym-
nasium building, 50x85 with bal-
cony seating 750; shower, locker
rooms, etc.

Owner—Hanford Union High School
District.

Architect—Coates & Traver, Rowell
Bldg., Fresno.

Plans Being Figured—Bids Close Dec.
15, 1922 8 p. m.

SCHOOL Cost, \$70,000
VENTURA, Ventura Co., Cal.

One-story brick or concrete grammar
school 164x130 & 1-story frame and
plaster 2-room kindergarten.

Owner—Trustees of the San Buenaven-
tura School District.

Architect—Mott M. Marston, 523 San
Fernando Bldg., L. A.

Bids will be taken separately on the
general contract, plumbing, heating,
electric wiring, and clock and gong
system.

FRESNO, Fresno Co., Cal. — Until
Dec. 18, 7:30 p. m., bids will be rec-
by A. P. Harris, Secretary Central
Union High School District, to con-
struct school building. Segregated bids
are desired. Coates and Traver, archi-
tects, Rowell Bldg., Fresno. See call
for bids under official proposal sec-
tion in this issue.

SANTA CLARA, Santa Clara Co., Cal.
—Bids were received as follows by Rev.
Father Maher, president of the University
of Santa Clara on November 28, for
the construction of a three-story
reinforced concrete Science Hall build-
ing. Plans were prepared by Architect
John J. Donovan, Pacific Building,
Oakland. Bids were taken under ad-
visement.

J. S. Sampson, Monadnock Bldg.,
San Francisco, \$161,000

Brown and Stafford, Madera, \$67,371

Lang and Bergstrom, S. F., \$67,500

James L. McLaughlin, S. F., \$67,800

W. G. McGinty, San Okd., \$70,855

J. G. Leibert & Son, S. S., \$70,974

M. C. Vaughn, Oakland, \$74,500

Ward & Jones, S. F., \$78,121

Reilly & Nometz, S. F., \$81,898

R. W. Littlefield, Oakland, \$83,700

Andrew J. Lynch, S. F., \$85,000

Schuler & McDonald, Oakland, \$86,000

SAN FRANCISCO. — City Architect
John Reid, Jr., First National Bank
Bldg., has been selected by the Board
of Public Works to prepare plans and
specifications for the proposed Mission
High School to be erected at 18th and
Dolores. Funds for this structure will
be obtained through the recent \$12-
000,000 bond issue.

Architect August G. Headman, Call
Bldg., has been selected to prepare
plans for the Portola Primary School
Bldg. on the North Beach. Primary
School will also be prepared by City
Architect Reid.

MONTEREY, Monterey Co., Cal. —
Fred McCreary, Pacific Grove, at \$989
awarded contract by Monterey School
District to complete unfinished portion
of basement of new Monterey school.
Paul V. Tuttle, architect, 355 Light-
house Ave., Pacific Grove, was P. Mc-
Creary, Pacific Grove, bid \$100.

ARMONA, Kings Co., Cal. — Until Dec.
18, 12 m., bids will be received by Ar-
mona School District to const. garage,
18 1/2 x 30 ft., for collection of school car-
s, board and bottom walls; shingle
roof; sills of 1x1-in. r. w. with 1x4-in.
corner posts and 2x4-in. plates and
banding 2x4-in. tie-lugs and 2x4-in.
corner, 2d. 1/2-in. S. C. McCreary and
H. C. Tuttle, trustees of district.

KERMAN, Fresno Co., Cal. — Until
Dec. 17, 7:30 p. m., bids will be rec-
by M. S. Mosker, Kerman Union High
School District, to plaster interior of
new high school, Anton Johnson, archi-
tect, Kunsburg, Calif.

See call for bids under
official proposal section in this issue.

GRASS VALLEY, Nevada Co., Cal. —
Until December 18, 12 m., bids will be
received by H. A. Chapman, Clerk,
Grass Valley High School District, for
grading, making walks, lawns and
flower plots and laying water pipes at
each school. See call for bids under
official proposal section in this issue.

PORTLAND, Ore. — Architect Newton
C. Gaunt, 198 Irving St., Portland,
completes plans for two-story rein-
forced concrete and brick Chapman
School to be erected in Goldsmith
Tract. Will be 180 by 157 feet, 20
classrooms, 1 auditorium seating 500,
two play sheds, 50 by 1000 feet. Bids
will be asked shortly.

SANGER, Fresno Co., Cal. — Due to
rapid growth of school attendance the
school trustees contemplate calling an
election to vote bonds to finance con-
struction of junior high school. The
School Trustees are: E. E. Gilson, Geo.
Doakery, M. G. Vernon, E. Meely and
T. H. Vinn.

BURLINGAME, San Mateo Co., Cal. —
Bids were received as follows by the
Burlingame School Trustees for a low
pressure steam heating plant for the
Rosevelt School. Ernest Norberg is
the architect. The contract was awarded
to E. E. Cotter, 27 B St., San Mateo.
E. Cotter, San Mateo, \$3949

Scott Co., \$3220

Smith Co., S. F., \$3337

J. P. McQuinn, San Mateo, \$3573

Knittle-Cashe Co., S. F., \$3759

NAPA, Napa Co., Cal. — F. A. Younger,
Napa, at \$550 awarded contract to
construct new school for second school
District.

INDEPENDENCE, Inyo Co., Cal. — Until
Dec. 18, 2 p. m., bids will be received
by Independence Grammar School Dis-
trict for fur. school furniture. See call
for bids under official proposal section
in this issue.

LOS ANGELES, L. A. Co., Cal. — The
board of education has appointed archi-
tects to design new school buildings
as follows: Lester T. Sturges, archt.,
Alta Loma, 6-units, \$48,000; W. D. Lee,
archt., Aragon Ave., 8-unit inc. add.,
\$70,000; Rea & Garstang, archt., Bud-
ington Ave., 8-unit add., \$64,000; Harwood
Hesselt, Coronado, 12-units and 8-units,
\$110,000; Herbert C. Howard, archt.,
Estara Ave., 12-units, \$84,000; Frank G.
Krucker, archt., 49th St., 8-units, \$56,
000; Henry F. Widley, archt., Gulf Ave.,
12-units, \$84,000; E. L. Taylor, Laguna
St., 12-units, \$81,000; Hebbard & Wheel-
er, Leland St., 12-units, \$4,000; Arthur
S. Heinrich, archt., Los Angeles, 8-unit
add., \$25,000; Harold M. Kimball, archt.,
Malabar St., 8-unit add., \$64,000; Train
& Williams, archt., Manchester Ave.,
8-unit add., \$56,000; H. H. Whiteley,
Michelbacher St., 12-units, \$84,000; Charles
F. Plummer, archt., Adams St., 13-
units, \$90,000; Paul C. Pope, 97th St.,
12-units, \$81,000; A. F. Rosencrum,
Neighborhood of St. Andrews, 12 and
Vernon Aves., 11-units, \$90,000; A. Har-
side Sturges, archt., 37th St., 12-units,
\$84,000; Jeffery & Schraefel, archt.,
Franklin High, and classroom bldg.,
\$175,000; John and Arthur H. Johnson,
archts., Manual Arts High, boys' gym,
\$15,000; Norberg & Johnson, Part Time Bldg., vocational, \$100,000.

LOS ANGELES, Cal.—The L. A. Board of Education has increased the appropriation for the new auditorium and class room bldg. to be erected at Polytechnic high school from \$150,000 to \$340,000. Morgan, Walls & Morgan, 1124 Van Nuys Bldg., L. A., are the archts.

PORTLAND, Ore.—Until Dec. 20, 5 p. m., bids will be received by R. E. Fulton, school clerk, Room 407 Court-house, Portland, to const. 3rd unit, two story and basement, 8-room reinforced concrete 15x74 ft. Kellogg school. Will have brick exterior. Est. cost, \$60,000.

LOS ANGELES, L. A. Co., Cal.—The L. A. Board of Education has appointed archt. to prepare plans and spec., exclusive of heating and ventilating, for the following schools: T. Beverley Keim, Jr., Alden St., 11-units, \$90,000; Ross, Montgomery, Oregon, 12-units, \$84,000; Homer W. Glidden, S. County Club Dr., 12-units, \$54,000; John J. Frauenfelder, Dayton Heights, 8-units, \$64,000; Kimpel & Eikes, First St., 8-units, \$59,000; Arthur W. Anderson, Florence Ave., 12-units, \$44,000; Mott W. Marston, Lockwood St., 8-units, \$64,000; A. C. Zimmerman, Miramonte, 12-units, \$84,000; Piepoint and Van Dine, Pacific Palisades, 12-units, \$84,000; R. C. Farrell, Torrance elementary, 14-units, \$110,000; Harwood Hewitt, 24th St., 12-units, \$90,000; Robert H. W. At, Utah No. 2, site not purchased, 12-units, \$90,000; Francis W. Rutherford, Bandini, 12-units, \$84,000.

REEDLEY, Fresno Co., Cal.—Until Dec. 12, 3 p. m., bids will be received by Marion Deneen, clerk, Reedley Joint Union High School District, to const. temporary frame gymnasium building. Cert. check 5% payable to district required with each bid. Plans obtainable from F. W. Davis, Inspector of Construction, High School Building, Reedley.

PORTLAND, Ore.—Architect C. L. Goodrich, Albion Bldg., completing plans for 1-story, 320 by 172 ft., reinforced concrete Multnomah school. Will have faced brick exterior and Spanish tile roof. 16 classrooms, domestic science and manual training quarters and auditorium seating 400.

LODI, San Joaquin Co., Cal.—Bids were opened on December 6th by the Board of Trustees of the Lodi Union High School District for the construction of a two-story Science building; two-story auditorium; a one-story Manual Training building; a swimming tank and alterations to the present buildings. Construction to be of brick, steel and concrete with pressed brick exterior. Plans were prepared by Architects Wright, Saterlee and L. S. Stone, Bank of Italy Bldg., Stockton. Bids were taken under advisement.

General Contract
(1) buildings; (2) add for swimming tank; (3) buildings and tank. Gould & Johns, 119 S-California St., Stockton (1) \$248,299.60; (2) \$16,331; (3) \$261,701.
R. W. Moller, Civil Bldg., San Francisco (1) \$248,552; (2) \$11,890; (3) \$260,442.

Betz & Mabrey, Sacramento (1) \$255,929; (2) \$14,831; (3) \$269,827.
Brown & Stafford, Madera (1) \$258,579; (2) \$—; (3) \$—.
Shepherd & Riley, Stockton (1) \$267,316; (2) \$—; (3) \$—.
Herdman & Finnigan, Sacramento (1) \$267,453; (2) \$—; (3) \$254,051.

Heating
R. W. Moller, Civil Bldg., S. F. (1) \$22,497; (2) \$—; (3) \$—.
Latourrette & Fical, Sacramento (1) \$24,686; (2) deduct \$200; (3) deduct \$800.

Stockton Plumbing & Supply Co., (1) \$24,744; (2) \$181; (3) \$552.
W. H. Picard, Oakland, (1) \$25,317; (2) \$—; (3) \$—.
E. P. Sexton Co., (1) \$34,000; (2) \$52,370; (3) \$720.
Gould & Johns, (1) \$31,750; (2) \$—; (3) \$700.

Time Clocks
Pacific Electric Clock Co., Wells Fargo Bldg., San Francisco, \$775.
International Time Recording Co., S. F., \$980.

STORES AND OFFICES

Contract Awarded.

STORES Cost, \$27,000
PALO ALTO, Santa Clara Co., Calif.
One-story reinforced conc. (6) stores, 125x75 feet.

Owner—Palo Alto Improvement Co.
Architect—Birge M. Clark, 600 Embarcadero Road, Palo Alto.
Contractor—John Morton, Balboa Bldg San Francisco.

Contracts Awarded.
RESTAURANT BLDG. Cost, \$74,000
SAN FRANCISCO, N Ellis 171-10 W Powell.

Three-story reinforced concrete restaurant and loft bldg., 34x137-6.
Owner—Walter H. Sullivan.

Lessee—C. A. Compton.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.

Contractor—Barrett & Hilp, 918 Harrison St.

Title Work awarded to Scott Co., 243 Minna St., at approximately \$21,000.

Preliminary Plans Completed.
CAPE BLDG. Cost—
LONG BEACH, L. A. Co., Cal., S W Ocean Blvd. and American Ave.

Two and a story brick cafe building.
Owner—Mr. Stark, New York.
Architect—H. H. Lochridge, 700 Markwell Bldg., Long Beach.

Plans Being Prepared.
OFFICE BLDG. Cost—
LOS ANGELES, N E 8th and Spring Sts extending to Main St.

12-story Class "A" office bldg., 51x130.
Owner—Walter P. Temple and Milton Kaufman, associated.
Architect—Walker & Eisen, Pacific Finance Bldg., L. A.

Segregated Sub-figures being taken.
ALTERATIONS Cost, \$25,000
SAN FRANCISCO, S E Pine & Montgomery Streets.

Alter first floor and front of 5-story steel & brick store and office (cement plastering of front, etc.).
Owner—Withheld.

Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Plans Being Prepared.
STORES Cost, \$—
LOS ANGELES, Cal., W Seventh St., Bet. Hope and Flower Sts.

Four-story and basement steel and reinforced concrete Class A store and loft building, 100x125.

Owner—Martz Estate.
Architect—John and Donald E. Parkinson, Title Ins. Bldg., Los Angeles.

Contract Awarded.
OFFICE BLDG. Cost, \$12,180
SACRAMENTO, Cal. No. 1900 Second Street.

One-story stucco office building.
Owner—Friend & Terry Lumber Co., 1012 10th St., Sacramento.

Contractor—Geo. D. Hudnutt, California Fruit Bldg., Sacramento.

Contract Awarded.
ALTERATIONS Cost, \$65,000
OAKLAND, Cal., S W 14th and Washington.

Alter and add to brick and steel office building.

Owner—University Investment Co.
Contractor—S. Kulchar Co., 8th Ave. and E-10th St., Oakland.

Plans To Be Prepared.
OFFICE BLDG. Cost, \$1,250,000
SAN FRANCISCO, N E Mason and Post Sts. (Medical Center Building).

15-story and basement class A office bldg., 127-6x127-6, with garage for 150 cars and ambulance service.

Owner—Medical Center Corporation.
Architect—Not selected.

The architect will be selected shortly by a board of directors which his to be appointed within a week. Three of the directors are Dr. Harry Alderson, for the medical and Dr. John D. Miliken, for the dental. Dr. Guy S. Milberry is temporary secretary of the organization. The stock is all sold and construction will start as soon as plans can be completed. The building will be occupied by approximately 200 doctors and dentists.

MERCED, Merced Co., Cal.—J. E. Fritz, 957 20th St., Merced, at approx.

\$12,000 awarded contract to erect 1-story reinforced concrete 50x100 ft. store building at 17th and N streets for T. J. Wilson, of Petaluma.

LOS ANGELES, L. A. Co., Cal.—Architects Mousaux, Bordeaux, 913 Bank of Italy Bldg., are preparing plans for a restaurant and cafe bldg. of Moorish architecture, to be erected at Washington and National Aves., for the Washington National Catering Co., president, will contain a terraced dining room to seat 1000 people, lounging and rest rooms, kitchen, dance floors, and large lobby. Frame construction and part 2-story, 80x200 ft. O. P. maple, tile and cem. fls., steam htg. sys., ventilating system, staff work, metal lathe, ornate iron work, \$160,000.

LIVINGSTON, Merced Co., Cal.—John Groom, Livingston, at approx. \$11,200 awarded contract to erect one-story brick 65x70 ft. 2-story in Third street near Front for Walter Ward.

PORTLAND, Ore.—Porter Bros., Railway Exchange Bldg., Portland, railroad contractors, who recently purchased Wells Fargo building in this city, will remodel the structure at a cost of \$100,000.

LOS ANGELES, Cal.—A. C. Blumenfeld, Loew State Bldg., L. A., is arranging the details of the Architects' Institute to select an archt. to design the bldg. to be erected on Mercantile Pl. Archt. Sylvan Schnitzmacher, of San Francisco, has been selected as professional advisor. The program as first drawn was disapproved by the local committee on competitions of the American Institute of Architects and unless it is revised and meets the approval of the Institute it is unlikely that any architect who is a member of the A. I. A. will participate in the competition. The archt. who will be asked to compete are as follows: Weeks Day, G. Albert Lansburgh, MacDonald & Couchet, and Sam L. Hyman, all of San Francisco; Albert Kahn, of Detroit; C. Howard Crane, of Chicago; and Curlett & Beelman, Swasey & McAfee, and Myron Hunt of Los Angeles. It is understood that plans are to be submitted by Dec. 30.

LOS ANGELES, Cal.—Archts. John Parkinson and Donald E. Parkinson, 420 Title Ins. Bldg., L. A., report that minor revisions are being made in plans for new unit at 7th St. and Central Ave. for L. A. Union Terminal and that new bids will be taken in about a week including all work complete in one contract. The building will be 4 stories and basement, 100x360 ft. and will cost about \$400,000.

THEATRES

Plans Being Prepared.
THEATRE & STORE Cost—

LOS ANGELES, L. A. Co., Cal., W Adams and Calais Streets.

One-story brick theatre and store bldg 103x72 (6 stores, 900 seats).
Owner—Leonard L. Jones, 603 Grosse Bldg., L. A.

Plans Completed.
AMUSEMENT BLDG. Cost, \$200,000
SAN FRANCISCO, Turk and Taylor Streets.

Six-story reinforced concrete store and amusement building (bowling and billiard and dance pool). Removal walls an 6th floor; 3 stores on 1st floor.

Owner—Withheld.
Architect—Henry Shermund, Hearst Bldg., San Francisco.

LODI, San Joaquin Co., Cal.—Alex Salomon is prime mover in proposal to erect a \$100,000 fireproof theatre on corner opposite the Citizens National Bank. Should a sufficient number of leases be closed for office space it is the intention of the owner to increase the size of the structure and provide for office and store rooms, thereby increasing the cost of the building to \$150,000. The theatre will seat approximately 1300.

FRESNO, Fresno Co., Cal.—Articles of incorporation are being prepared for the Fresno Junior Dramatic Club. Willis B. Slater, President, Fresno, whose purpose it will be to erect a \$160,000 theatre building in Fresno,

Official Proposals

NOTICE TO CONTRACTORS

(Central Union High School District)

Pursuant to an order of the Board of Trustees of the Central Union High School District, duly passed and entered in its minutes of November 27th, Nineteen Hundred Twenty-Two, notice is hereby given that said board will receive sealed proposals for the following branches of work:

- 1. Brick work.
- Concrete work.
- Reinforcing steel.
- Structural steel.
- Carpentry work.
- Mill work.
- Ornamental iron work.
- Blackboards.
- Glazing.
- Toilet partitions.
- Septic tanks.
- Sheet metal work.
- Electrical work.
- 2. Telephones.
- Clock wiring.
- 3. Plastering.
- Modeling.
- 4. Painting.
- Patent roofing.
- Tile roofing.
- 5. Plumbing.
- Heating.
- 7. Finished hardware.
- 8. Program clocks.

Plans and specifications are on file with the Clerk of said Board. Copies may be obtained at the offices of Coates & Traver, Architects, 626 Rowell Building, Fresno, California.

All bids must be in the hands of A. P. Harris, Secretary of the Board of Trustees at the High School Building, McKinley and Gealing avenues, Fresno County, on or before 7:30 p. m., December 18th, 1922, at which time and place they will be open.

Bidders may figure on any one of the groups or segregations or any combined group.

A certified check or bidder's bond equal to 10 per cent of the amount of the bid submitted, must accompany the proposal.

The Board reserves the right to reject any or all bids received.

All bids must be in a sealed envelope and the name of the bidder marked on the outside of same.

Board of Trustees of the Central Union High School District.
By A. P. HARRIS, Secretary.

NOTICE TO DEALERS IN LUMBER

(Campbell Union High School District)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Campbell Union High School at the High School Building, Campbell, Calif., up to 8 o'clock p. m., of Wednesday, December 13, 1922, for furnishing lumber as follows:

- 1012 lin. 2x6 Com. Rwd. SIS.
- 330 pcs. 2x8-18 No. 1 Com. O. P. S2d.
- 110 pcs. 2x8-12 No. 1 Com. O. P. S2d.
- 22 pcs. 6x8-20 No. 1 Com. O. P. S2d.
- 85 pcs. 2x6-18 No. 1 Com. O. P. S2d.
- 180 pcs. 2x6-20 No. 1 Com. O. P. S2d.
- 110 pcs. 2x8-12 No. 1 Com. O. P. S2d.
- 22 pcs. 2x6-14 No. 1 Com. O. P. S2d.
- 1280 lin. 2x6- No. 1 Com. O. P. S2d.
- 1280 lin. 2x6- No. 1 Com. O. P. SIS1E
- 22 pcs. 6x8-36 No. 1 Com. O. P. S1S.
- 22 pcs. 2x6-12 No. 1 Com. O. P. S4S.
- 22 pcs. 3x8-10 No. 1 Com. O. P. S4S.
- 11 pcs. 2x6-16 No. 1 Com. O. P. S4S.
- 8554 pcs. 1x3 Rustle No. 2.
- 203 pcs. 2x6-36 Com. O. P. No. 1 S4S.
- 2500 ft. 1x4 No. 2 VGT&G O. P. Flooring.
- 1950 lin. 1x2 No. 1 Com. O. P. SIS.
- 5600 ft. 1x6 No. 1 Com. O. P. S1S.
- 7000 ft. 13-16x12 Cl. Pl. Oak T&G Fig.
- 380 lin. 2x4 Rwd. Gutter Faste.
- 380 lin. Rwd. Back Band. 14x2.
- 4 pcs 2x10-36 Slet O.P. S4S, Erg Bds.
- 4 pcs 6x6-12 Slet O.P. S4S Brackets.
- 4 pcs. 3x6-16 Slet O. P. S4S Brackets

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

16 Rates 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

- 90 lin. Rwd. Clover Leaf Corner Bd.
- 950 ft. 1x6 Rwd. T&G V&CV. No. 2.
- 375 lin. 3-in. Rwd. Moulding.
- 6 doors, 5 pan. Col. O. P. 1 1/2-in.
- 16 windows 2-6x4-0, 2 lt. wds. & cord
- 8 Mullion Window Frames, 2-6x4-0.
- 5 1/2-in. Mull.
- 3 Sets Jambs for door opening 6-0x6-8
- All walls are 2x6 szd. Studs, "V" Rustic outside, 5/8-in. inside.
- 3 sets Trim 2 sides for 6-0x6-8.
- 16 Sets Trim for inside of windows 2-6x4-0.

Quote price delivered F. O. B. Campbell Union High School, Campbell, Calif. The board reserves the right to reject any and all bids.

By order of the Board of Trustees of the Campbell Union High School.

ROY G. ARCHIBALD, Clerk.

BIDS WANTED FOR CALIFORNIA MEMORIAL STADIUM, GROUP ONE CONTRACT

(Excavations, Embankments and Sub-structural Concrete)

PROPOSAL FOR BIDS

SEALED BIDS will be received at the office of the Comptroller, University of California, Berkeley, California, at or before 9 A. M., Thursday, December 14, 1922, for Group One Contract for the California Memorial Stadium on the grounds of the University of California, at Berkeley, Alameda County, California. This contract will include General and Detail Excavations and Embankments, and Concrete Culverts, Tunnels, Retaining Walls, Foundations and Piers.

Drawings and specifications may be obtained on and after Friday, December 1, 1922, at the office of the California Memorial Stadium Commission, Room 219, Crocker Building, San Francisco, California, on a deposit of \$100.00 for each set of drawings and specifications taken out. (Checks given as deposits are to be in favor of the undersigned). Deposits will be refunded on submission of a regular bid for the work and on return of said drawings and specifications in good condition. No bids will be considered unless accompanied by a certified check or bond in favor of the undersigned, equal to 10% of the bid to secure execution of

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

the contract by the successful bidder. The right is reserved to reject any or all bids.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.

NOTICE TO CONTRACTORS

(Grass Valley High School District)

Pursuant to an order made this 25th day of November, 1922, Notice is hereby given by the Board of Trustees of the Grass Valley High School District, County of Nevada, State of California, that bids will be received by said Board for the grading and making of walks, lawns and flower plots and the laying of water pipes at the High School at Grass Valley, County of Nevada, State of California.

Plans and Specifications may be obtained from A. B. Champion, Clerk, at the Nevada County Bank, corner Mill and Bank streets, Grass Valley, California.

Sealed bids will be received for the entire work or segregate sealed bids will be received for the grading and making of lawns, flower plots or walks and for the furnishing and laying of the water pipe.

All bids will be opened by the said Board of Trustees on the 18th day of December, 1922, at 8 o'clock p. m., at the Public Library Building, at Grass Valley.

All bids must be sent or handed to the Clerk of said Board of Trustees on or before said hour and day and marked on outside, "Bids for grading, or making lawns and flower plots or furnishing and laying water pipes for High School at Grass Valley, California."

All bids must be accompanied by cash, a bidder's bond, certified check, or a certificate of deposit, equal to ten per cent (10%) of the amount of bid and made payable to the President of the High School Board of Trustees, and to be returned to the party or parties whose bid or bids are not accepted, and to the party whose bid is accepted, upon his entering into a contract with the said Board as representing the High School District, and giving such bonds as may be required by law and the said Board of Trustees.

The Board of Trustees reserves the right to reject any and all bids, or any or all items of such bids, and to waive any informality in any bid received.

A. B. CHAMPION, Clerk of the Board of Trustees of the Grass Valley High School District, County of Nevada, State of California.

BIDS WANTED FOR SCHOOL FURNITURE

(Independence Grammar School Dist.)

Notice is hereby given that the Board of Trustees of the Independence Grammar School District will receive on the 18th day of December 1922, at 8 o'clock p. m., sealed proposals for the purchase of one teacher's desk, one teacher's chair and fifty arm desks, assorted sizes as per list on file with C. I. MacFarlane, one of the trustees of said district, at the office of the Inyo County Abstract Co., Independence, Inyo Co., California, reference to which list is hereby made for further particulars.

Said bids must be contained in a sealed envelope and plainly marked on the outside "Bids for desk and chairs" and filed with said C. I. MacFarlane, on or before the time and at the office above mentioned. The Board reserves the right to reject any or all bids received.

Dated this 29th day of November, 1922.

JAMES E. JONES,
R. R. GRACEY,
C. L. MACFARLANE,
Trustees of said District,

CALIFORNIA.—Following are approximate quantities of materials involved in projects for which the State Highway Commission, Forum Bldg., Sacramento, will consider bids on December 18:

Yuba County, bet. Morrison's Crossing and 1 mi. south of Marysville, 8.2 mi. to be paved with asphalt macadam; 35,000 tons broken stone (ashphalt macadam); 510 tons asphalt, grade E spread (asphalt macadam). Commission will furnish broken stone, screenings and asphalt, grade E.

Nevada County, bet. Nevada City and Little Deer Creek, 11.8 mi. to be graded; 81,000 cu. yds. excav. without classification; 165 cu. yds. class A Port. cem. conc. (culverts and monuments); 265 cu. yds. dry rubble (retain. walls); 1948 lin. ft. 12-in., 60 lin. ft. 15-in., 1204 lin. ft. 18-in. and 228 lin. ft. 24-in. corr. metal pipe; 15,404 lin. ft. guard rail; 278 monuments. Commission will furnish rein. steel, corr. metal pipe and cement.

Contra Costa County, bet. Hercules and Rodeo, 1.8 mi. to be graded and paved with Port. cem. conc.; 18,400 cu. yds. excav. without classification; 2500 cu. yds. gravel or broken stone in subbase; 3500 cu. yds. class A Port. cem. (pavement, shoulders and repair to old base); 60 cu. yds. concrete aggregate in existing base; 18 cu. yds. class A Port. cem. conc. (culverts and monuments); 48 lin. ft. 15-in., 132 lin. ft. 18-in., and 19 lin. ft. 24-in. corr. metal pipe; 30 monuments. Commission will furnish rein. steel, corr. metal pipe, cement, sand and coarse aggregate for conc., and gravel or broken stone for subbase.

San Benito and Santa Clara Counties, bet. Hollister and Pacheco Pass Road, 8.2 mi. to be graded and paved with asphalt macadam; 22,000 cu. yds. excav. without classification; 2400 cu. yds. gravel or broken stone in subbase; 31,900 tons broken stone (asphalt macadam); 80 tons asphalt, grade E spread (asphalt macadam); 75 cu. yds. class A Port. cem. conc. (culverts and monuments); 1418 lin. ft. 12-in., 382 lin. ft. 18-in., 165 lin. ft. 24-in., and 88 lin. ft. 30-in. corr. metal pipe; 2400 lin. ft. guard rail; 85 monuments. Commission will furnish steel, corr. metal pipe, cement, and sand and coarse aggregate for conc. and broken stone, screenings, and asphalt, grade E, for asphalt macadam.

Madera County, bet. west boundary and Califa, 14.2 mi. to be graded and paved with asphalt macadam; 24,150 cu. yds. excav. without classification; 48,930 tons broken stone (asphalt macadam); 710 tons asphalt, grade E spread (asphalt macadam); 240 cu. yds. class A Port. cem. conc. (culverts and monuments); 1020 lin. ft. 12-in., 900 lin. ft. 18-in., and 723 lin. ft. 24-in. corr. metal pipe; 537 lin. ft. 12-in., 360 lin. ft. 18-in., and 120 lin. ft. 24-in. corr. metal pipe; 58 monuments. Commission will furnish steel, cement and coarse aggregate for conc., corr. metal pipe, broken stone, screenings and asphalt grade E.

Ventura County, bet. pt. 3 1/4 mi. southwest from Hueneme Road and Rindze Ranch, 7.4 mi. to be graded; 826,000 cu. yds. excav. without classification; 240 cu. yds. class A Port. cem. conc. (culverts and monuments); 312 lin. ft. 18-in., 364 lin. ft. 24-in., and 228 lin. ft. 30-in. corr. metal pipe; 46 monuments. Commission will furnish as more explicitly set forth in the spec. the following materials, viz. rein. steel, rein. conc. pipe, and Port. cement.

LOS ANGELES, Cal.—Until 10 A. M., December 15, bids will be received by harbor commission, Byrne Bldg., for work on northerly section of Harbor Blvd., involving \$8,940 cu. yds. excavation, and 10,000 cu. yds. fill. Specification No. 432. Guy W. Wade, Secy.

CORCORAN, Kings Co., Cal.—Until December 18, 8 P. M., bids will be received by C. G. Amirault, City Clerk, for laying pipe and digging trench in Chittenden avenue, and the alley bet. Whitley and Jensen avenues, the city to furnish pipe, valves, fittings, lead and cement.

BAKERSFIELD. Kern Co., Cal.—City Engineer W. D. Clarke completes specifications to construct 39,266 sq. ft. cement concrete walks and 7,316 lin. ft. concrete curbs in portions of East 19th, Miller, Fremont, and Broadway streets. Bids will be asked about December 15. V. V. Ripper, City Clerk.

LOS ANGELES, Cal.—Until 11 a. m., Dec. 18, bids will be received by supervisors to grade and gravel Belvedere Ave., Venita, Budlong Aves. and other streets and constructing curb, walks, R. D. 1, No. 226, 2412 lin. ft. or 48 mi. involv. 4560 cu. yds. excav., 72,360 sq. ft. shaping roadbed, 8040 yds. screenings, 4992 sq. curb, 20,172 sq. ft. walk, 414 yds. yds. conc., 15 ft. conc. pipe. Est. cont. price \$11,483. Average haul 1 1/2 mi. from Delta on the P. E. Ry.

LEWISTON, Idaho.—City Council recommends the employment of Burns and McDonnell, hydraulic and sanitary engineers of Kansas City, Mo., to investigate the proposed improvement and enlargement of the municipal water supply system. With improved filtration and sterilization plants it is thought the improvements will cost between \$175,000 and \$350,000.

SAN JOSE, Santa Clara Co., Cal.—Hugh Rumrummy, San Jose, awarded contract to City Council to improve Hayes street, between 10th and Senter Road, by grading, paving with 2-in. Warrenite-Bit surface on 3 1/2-in. bit. conc. base, concrete curbs, gutters, sidewalks, walks; 5 brick catchbasins; 8-in. vitrified pipe drains.

LOS ANGELES, Cal.—Fairchild-Gilmore-Wilton Co., L. A. Ry. Bldg., L. A., awarded contract by board of public works at \$17,593.40 to pave 24th St., bet. Harriett St. and 56th St., involv. 43,538 sq. ft. grading to finish subgrade at 4c ft.; 43,538 sq. ft. conc. paving at 24c ft.; 20,046 sq. ft. grading oiling and rolling at 6c ft.; sanitary sewer complete, \$1200. Engrs. est., \$17,312.05.

C. W. Shafer, 222 W 23rd St., awarded contract at \$1713 to improve 25th St., bet. 13th and Bronson, involv. 8296 sq. ft. rough grading to grade at 2c ft., 8296 sq. ft. finish grading, oiling and rolling at 6c ft.; 425 ft. curb at 63c ft.; 215 sq. ft. gutter at 2c ft.; 19 sq. ft. conc. gutter at 31c ft. Engrs. est., \$1948.28.

SALEM, Ore.—Until Dec. 13, 10 a. m., bids will be rec. by State Highway Commission, room 526 Multnomah Co. Courthouse, Portland, to const. 23.3 mi. of road, as follows:

Clackamas county: Sandy-Cherryville Section of Mt. Hood Loop Highway, 7.4 mi. crushed rock or gravel surfacing, 10,400 cu. yds. of surfaced material.

Clatsop County: Rainier Section, Columbia river highway, .9 mi. paving.

Lane county: Goshen-Lowell Section, Willamette Highway, 8.7 mi. grading and surfacing, involv. 64,000 cu. yds. excav. and 19,000 cu. yds. of surfaced material.

Lane county: Goldsboro-Cheshire Section, Willamette Valley-Florence Highway, 4.1 mi. grading and surfacing, involv. 23,000 cu. yds. of excav., and 9300 cu. yds. surfaced material.

Linn county: Tangent-Shield Section of Pacific Highway, 2.2 mi. paving.

Linn county: Murder Creek Section (2 1/2 mi. north of Albany) Pacific Highway, .6 mi. of paving.

VISALIA, Tulare Co., Cal.—Valley Paving & Construction Co., Visalia, at approximately \$9,600, has awarded contract by council to improve E-Main street, involv. 421 cu. yds. grading; 24,047 sq. ft. 4-in. asphalt concrete base with 1 1/2-in. Topeka surface, paving, 1,533 lin. ft. concrete curb; 1,719 sq. ft. concrete gutter; 31 sq. ft. special gutter; 252 lin. ft. corrugated iron culvert; 6 concrete manholes; 173 lin. ft. header boards.

NAPA, Napa Co., Cal.—City Eng. H. A. Harold preparing spec. to improve Willow and Evans Aves. in the Alta Heights district.

ORANGE, Cal.—City trustees declare intention to pave Pine St. and Maple Ave., involv. 96,872 sq. ft. C. C. Donabake, city engr.

PULLMAN, Wash.—City will spend \$63,000 for adequate and sanitary sewer disposal system for H. and H. S. Green, consulting engineers, Spokane will handle the project.

SANTA ANA, Cal.—City Engr. W. G. Knox preparing spec. for 1-in. 2 and 3-in. concrete pipe for Fairview Ave. bet. Main and Flower Sts.

NAPA, Napa Co., Cal.—Until Dec. 26, bids will be received by H. H. Thompson, city clerk, to clear the flood area of the city reservoir site in the Milliken Canyon. Spec. may be had from City Eng. H. A. Harold.

FULLERTON, Cal.—City Council votes to hold election Dec. 18 to vote on issue of \$250,000 for construction of the proposed joint outfall sewer. The cost of the line to Fullerton will be \$175,000 from Fullerton to Santa Ana and \$75,000 from that city to the ocean.

LOS ANGELES, Cal.—Chas. U. Heuser, Hotel Clark, Los Angeles, awarded contract by board of public works at \$124,500 to const. sec. 4 of the temporary outfall sewer, bet. Timpana Blvd. and Ballona Creek, involv. 1800 ft. 48-in., 5710 ft. 54-in. and 735 ft. 30-in. segmental block sewer, at a total of \$107,000, and 3500 cu. yds. conc. rock, in place at \$5 yd. C. E. Green, 230 Gross Bldg. was the next low bidder at \$90,000 for segmental block and \$13 cu. yd. for conc. reinf., making a total of \$135,500.

WASHINGTON, D. C.—Plans are being prepared by the Bureau of Yards and Docks, Navy Department, for concrete roads at the Marine Corps Base, San Diego. Work is provided under Spec. No. 4766.

ONTARIO, Cal.—Chamber of Commerce seeks paving of Magnolia Ave., bet. State and A Sts., in the Monte Vista dist. The work would be done in connection with a proposed extension of Mountain Ave. B. W. Spencer, Secy. of the chamber.

SAN JOSE, Santa Clara Co., Cal.—W. J. McRynolds, Hollister, at \$11,333 (bid A), submits low bid to supervisors to improve Old Gilroy road in city of Gilroy, Supervisor Dist. 1. Other bids: Clark and Hickey, Contra Costa, \$11,730; W. E. Miller, (A) \$13,721.20; W. A. Dantaville, (B) \$15,900; John Doyle, (A) \$12,658. Est. of county surv. J. J. Ryan, (A) \$15,775; (B) \$15,900; (C) \$15,700. Taken under advisement.

SAN FRANCISCO.—City Eng. M. M. O'Shaughnessy completes spec. for following street improvements:

Broad St., bet. Capitol Ave. and Orizaba St., involv. 3849 cu. yds. cut; 60 cu. yds. fill; 1987 lin. ft. conc. curb; 2330 sq. ft. concrete gutter; 10 brick catchbasins; 70 lin. ft. 10-in. pipe culvert; 50,547 sq. ft. asphalt conc. pavement. Est. cost \$2140.

18th Ave., bet. Kirkham and Lawton Sts., involv. 1294 ft. 10-in. curb; 660 sq. ft. art. stone walks; 2400 sq. ft. conc. gutters; 3 brick catchbasins; 65 lin. ft. 10-in. pipe culvert; 26,493 sq. ft. asphalt.

West side of Castro St., from point 75 ft. north of 22nd St., to point 24 ft. northerly, involv. 456 sq. ft. art. stone walks; est. cost \$140.

South one half of Bay St. bet. Kearny and The Embarcadero, involv. 412 sq. ft. vitrified brick gutter; 7357 sq. ft. asphalt conc. pavement; est. cost \$2500.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention to improve following streets, under 1911 Act:

Angelo Ave., from Minna Ave., northwest; grading, const. conc. curbs, gutters and walks; paving with oil macadam.

Madeline St., bet. Laguna and Peralta Aves., grading, const. conc. curbs, gutters and walks; paving with oil macadam.

Turrell St., bet. 47th and Courtland Aves., by grading; const. conc. curbs gutters and walks; paving with oil macadam. Protests Dec. 21. W. W. Harmon city engineer.

PORTERVILLE, Tulare Co., Cal.—City trustees reject bids to pave 3rd St., bet. Oak and Thurman and plans will be revised for asphalt conc. base with oil surface, paving. Original plans provided for a 5-in. hyd. conc. base with 1 1/2-in. Warrenite-Bit surface.

STOCKTON, San Joaquin Co., Cal.—Irey and Holden, Lodi, at \$20,005 awarded contract by supervisors to improve Broadway and the Ferry road, Adams road extension of the Victor road.

CALIPATRIA, Cal.—Frank Peal, brawley, awarded contract by city trustees at \$76,262.50 to pave 1½ miles on west Main St., bet. end of present paved highway leading to Brawley and south end of the Southern Pacific right of way, involve, about 21,000 sq. yds. of 6-in. conc. pavement, 18 ft. wide except in central part of town where it will be 12 ft. wide. The bid was \$6.56 sq. yd. paving, \$5.66 lin. ft. grading, 6.96 ft. curb, 8-in. culverts at \$1.05 ft. T. S. Sheppe, city eng.

MERCED, Merced Co., Cal.—Emk. A. B. Coxwell, Merced, contemplates spec. to improve roads in the Volta and Dos Palos sections of the county; est. cost \$331,000. Project involves 53,763 sq. ft. sub-grade, 23,900 cu. yds. grading, 132,553 sq. ft. 3½-in. asphalt. conc. base with 1½-in. warrentite-bit. surface pavement; 240 lin. ft. 12-in., 322 lin. ft. 18-in., 494 lin. ft. 24-in., 200 lin. ft. 30-in. pipe; 193 cu. yds. conc. in culverts; 3353 lbs. rein. steel; 5373 sq. ft. wearing surface in bridges. Work to be completed by Dec. 15. Plans to be heard by Merced county supervisors Dec. 22. P. J. Thornton, county clerk.

DINUBA, Tulare Co., Cal.—Until Dec. 13, 8 P. M., bids will be received by City Clerk to improve Golden Way between Second and College avenue, under 1911 Act and Bond Act 1915. Project involves 55,000 sq. ft. 4-in. concrete curb, 13,400 sq. ft. warrentite surface pavement; 3,500 lin. ft. concrete curb; 6,600 sq. ft. concrete gutter; 1,360 sq. ft. concrete slabs; 3 concrete catchbasins; 255 lin. ft. 12-in. vit. pipe; 120 cu. yds. earth excavation. Specifications on file in office of clerk.

LOS ANGELES, Cal.—Wm. Liddington, 420 E 60th St., submitted low bid to board of public works to pave Gramercy Pl., bet. Tr. 4506 and Melrose Ave., involve, 28,852 sq. ft. grading to finish subgrade at 56 ft., 852 sq. ft. cem. conc. paving at 19.46 ft. curb at 606 ft. walk at 19c ft. house sewers at \$1.50 lin. ft. Other bids were: Fairchild-Gilmore-Wilton Const. 5.5c grading, 22.5c paving, 65c curb, 22c walk, \$1.50 house sewers; W. D. McCray; 4c grading, 22.5c paving, 70c curb, 12c walk, \$1.75 house sewers.

Warren Constr. Co., 629 4th Nat. Bank Bldg., submitted low bid to pave Sierra Vista Ave., bet. Western Ave. and Aviston, involve, 48,093 sq. ft. grading to finish subgrade at 56 ft., 48,094 sq. ft. Warrentite-bit. paving at 24.5c, 11 ft. curb at 75c, 2584 sq. ft. conc. gutter at 33c, Geo. H. Oswald and Co., 1500 Broadway, 23.75c paving, 75c curb, 22c gutter.

Fairchild-Gilmore-Wilton Co., L. A. Ry. Bldg., Los Angeles, submitted low bid to pave 6th St., bet. Grand View and Park View Sts., involving 4538 sq. ft. grading at 14c ft. and same amount conc. paving at 21c ft. Wm. Liddington bid 18c grading and 22c curb.

Martin G. Brkch, 7506 Pleasant Ave., submitted low bid at \$2460 to sewer complete in Palos Verdes St., bet. Sepulveda and 19th Sts. Other bids were: M. Simunovich, \$2897; P. J. Akmadzich, \$2150; Martin Culjak, \$3690.

Nick Artukovich submitted low bid at \$50 to construct sewer in Mercury Ave., bet. Beryl St. and Reynolds Ave. Other bids were: Martin G. Brkch, \$4660; John Brkch, \$3690; Martin Culjak, \$3690; Peter S. Tomich, \$10,775; M. Simunovich, \$14,347; P. J. Akmadzich, \$15,000.

Nick Artukovich submitted low bid at \$1550 to const. sewer in 11th St. bet. Grand and 350 ft. east. Other bids were: John Brkch, \$1500; M. Simunovich, \$1700; Martin Culjak, \$1444; B. Grancich, \$1958; P. J. Akmadzich, \$1950.

W. Shafer, 222 W 33rd St., submitted only bid at 23.5c sq. ft. to construct 7219 sq. ft. cem. walks in Gambler St., bet. Seneca Ave. and the west end of Tract No. 1467.

No bids received to pave Aviston St., bet. Preston Ave. and Lemoine St. No bids received to const. walk and curb at Lorena St., bet. 157 ft. southwest of first alley southwest from Whittier Blvd and Atlantic St.

No bids received to grade and oil Lyman Pl., bet. Leavitt St. and Fountain Ave.

WHITTIER, Cal.—Woodworth & Smoot, Baldwin Park, awarded contract by city trustees to pave alley, bet. Whittier and Pierce Aves., from Palm St. 200 ft. south involve, grading at 5c sq. ft., 5-in. cem. conc. pavement at 21c ft., 6-in. cem. conc. at 22c ft., curb at 51c lin. ft., and walk at 13c ft. Woodworth & Smoot awarded contr. to pave alley between Millan Ave. and Newlin Ave., from Orange Dr. to 156 ft. north of Laucha St., involve, grading at 5c sq. ft., 5-in. cem. conc. paving at 21c ft.

OAKLAND, Cal.—City Council, E. K. Sturgis clerk, declared intention to improve Broadway Ave., from Virginia Ave., northeast; grading, conc. curbs, gutters and walks; paving with oil macadam; const. storm water drain. 1911 Act. Protests Dec. 28. W. V. Harmon, city engineer.

REDWOOD CITY, San Mateo Co., Cal.—Peterson and Haywood, 315 San Mateo St., Redwood City, at \$17340 (2) \$572, submits low bid to county supervisors to const. roads in vicinity of county (community) hospital. W. S. Thompson only other bidder at (1) \$12,976.45, (2) \$11,628.36.

SAN FRANCISCO—Eaton & Smith, 407 11th St., at \$40,266.95 submits low bid to Board of Public Works to improve, bet. half of Sloat Blvd., bet. 19th and 25th Aves., involve 1500 cu. yds. cut; 3300 cu. yds. fill; 152,270 sq. ft. asphalt. conc. pavement; 4350 lin. ft. 30-in. R. C. sewer; 1400 sq. ft. basalt lin. ft. header pavement; 370 cu. yds. gravel surfacing; rimodel of trees, etc. Other bids: Pac. States Const. Co., \$45,312.45; J. C. Const. Co., \$45,698.35; J. A. Const. Co., \$40,658.45; Fay Imp. Co., \$44,284.9c.

LONG BEACH, Cal.—Until 9:30 a. m., Dec. 12, bids will be received by city council to improve Termino Ave., bet. First and Elliot Sts., by grading and paving with 6-in. macad., constructing class "B" conc. curbs, 3 ft. walks, curbs, cem. conc. gutter, corr. iron and conc. culverts. 1911 Act. H. C. Waughop, city clerk.

SACRAMENTO, Cal.—City Council, H. G. Denton clerk, declares intention to improve following streets, under 1911 Act, protests to be heard Dec. 23: Freepoint Blvd., from point 1553 ft. south of Bidwell Way to point 4168 ft. south by const. vit. sewer, cem. manholes, g. i. gutter drains with 6-in. vit. sewer connections; 6-in. vit. wye branches.

Const. bet. J. K. 3rd and 4th Sts., construct curb walk, reconstruct manhole and catchbasin; grading and paving with 7-in. hyd. conc. Other bids: L. and U. S. Sts., from manhole in 42nd St. to point 1545 ft. east const. vit. sewer with 4-in. wye branches; cem. manholes. Albert Givan, city engineer.

SAN FRANCISCO—Schultz Const. Co. 46 Kearny St., at \$11,187.50 submits low bid to Board of Public Works to sewer Valdez St., bet. Castro and 8th Sts., involve, 4240 cu. yds. cut; 1230 cu. yds. fill; 530 lin. ft. 8-in. sewer and 670 lin. ft. 6-in. side sewer; 36 8-in. wye branches; 21 6-in. pipe tees; 16 8-in. manhole cutters; 6 r. cut catchbasins; 490 lin. ft. 10-in. culverts; conc. stairway and retaining wall. Eaton & Smith only other bidders at \$11,841.30.

SANTA ANA, Cal.—B. R. Ford, 407 W 17th St., Santa Ana, awarded contract by city trustees to improve Bristol St., involve 15,322.5 sq. ft. grading and paving with 6-in. conc. and belt finish wearing surface at 29.5c sq. ft., 2326 ft. 4-in. R. C. sewer, 1546 ft. house sewers at 40c ft., 210 ft. 6-in. stub end main sewer at 60c ft.; 21 ft. 10-in. stub end main sewer at \$1 ft.; 4320 ft. comb. conc. curb and gutter at \$1.95 ft.; 276 ft. 20-in. curb at 55c ft.

SAN FRANCISCO, Cal.—City Eng. R. C. Harding, contemplates spec. for sewer project involve, 23,760 lin. ft. 6-in. and 213½ lin. ft. 8-in. vit. sewer; 1930 lin. ft. 30-in., 1414 lin. ft. 25-in., 1380 lin. ft. 14-in., 1760 lin. ft. 12-in., and 6250 lin. ft. 8-in. vit.-cast concrete sewer; 41 lampholes; 42 manholes and 23 catchbasins. Est. cost \$70,000; project to be financed through a bond issue for which election will be called shortly.

SAN DIEGO, Cal.—G. R. Daley, 4430 Broadway St., submitted low bid to city council to pave Granada Ave. bet. Wood St., and alley in N. Gurwells sub. involve, 93,946½ sq. ft. paving with 4-in. bitum. base and 1½-in. asphalt. conc. surface at 16.1c sq. ft., 26,454 sq. ft. 4-in. conc. paving at 22c ft., 20 cu. yds. earth excav at \$1.20 yds.; 1952.2 sq. ft. conc. walk at 22c ft.; 522.54 ft. curb at 65c ft. F. A. Rhodes, city engineer.

CARSON CITY, Nevada—Kroft and Bundy, Ogden, Utah, at \$43,961.42 awarded contract by State Highway Comm. to construct highway in Lincoln County, bet. Pioche to Stone House, Wasatch Grading Co., Provo, Utah, \$63,572.92 only other bidder. Nevada Contracting Co., Fallon, Nevada, at \$77,152.40 awarded contract for highway in Eureka county, from Hay Ranch to Eureka. Other bids: Dodge Bros. and Dudley, Fallon, Nevada, \$87,855.20; Alston and Horgan, Salt Lake City, Utah, \$98,811; M. P. Armstrong, Reno, Nevada, \$99,262.10; Geo. W. Borden, state highway eng.

OAKLAND, Cal.—Oakland Sewer Const. Co., Oakland, awarded contract by council to construct sewers in Broadway Tract; 8-in. sewer, \$1.68 lin. ft.; manhole, \$4.75 each; lamphole, \$8 each; wye branch, \$30 each; drop connection, \$5 each.

M. P. Cambar and J. Garden, Oakland, awarded contract to sewer 75th Ave., from Erikson to point 235 ft. southwest; sewer, \$1.15 lin. ft.; lamphole, \$14 each; wye branch \$7.5 each.

REDDING, Shasta Co., Cal.—City trustees order to prepare to pave 7th St., from Trinity to around State Highway to Reid Ferry Bridge.

SAN DIEGO, Cal.—H. G. Fenton, 1610 and L. Sts., submitted low bid to city council to grade, Greely Ave., involve, 2385.4 cu. yds. earth excav. at 65c yds.; 96.5 cu. yds. earth embankment at 1c yds.; 1200 ft. curb at 67c ft.

TURLOCK, Stanislaus Co., Cal.—Until Dec. 19, 7:30 p. m., bids will be received by A. P. Ferguson, city clerk, to const. 12,700 ft. 24-in. outfall sewer; 20 manholes; gate chamber and retaining wall; additional bids will be considered for cement pipe, glazed cement pipe and vit. pipe. Spec. on file in office of clerk, Horace Hall, City Eng.

LOS ANGELES, Cal.—Residents of Highland Park propose to float a bond issue for \$100,000 to purchase land in the arroyo valley, bet. 19th and 20th Sts., to build a 50-ft. road on both sides of the flood control channel.

FRESNO, Fresno Co., Cal.—Due to error the county supervisors have abandoned proceedings providing for const. of conc. walks and curbs in Blks. 12 to 36 incl. Dist. Imp. No. 3, Sierra Vista Addition and new proceedings will be started. Contract for this work was recently let to Frederick & Shannon, Cory Bldg., Fresno, on following bid: 6500 sq. ft. grading, \$332 cu. yds. 12,400 lin. ft. 6x8x15-in. conc. curb, \$567 lin. ft.; 60x20-in. pipe 3½-in. conc. walk, incl. grading, \$194 sq. ft. Chris P. Jensen, Cory Bldg., is county surv.

SANTA ROSA, Sonoma Co., Cal.—Warren Const. Co., 2775 Lombard St., Oakland, at \$991.93 submits low bid to city council to improve Slater St., bet. College and Spencer Aves., involve, 41,337 sq. ft. surface grading; 41,337 sq. ft. 4-in. asphalt. conc. base with 1½-in. Warrentite-bit. pavement.

Warren Const. Co. low at \$18,924 to improve College Ave., bet. Mendocino and 4th Sts., involve, 83,000 sq. ft. surface grading; 83,000 sq. ft. 4-in. asphalt. conc. base with 1½-in. Warrentite-bit. surface pavement. Taken under advisement. L. L. Mills, city eng.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, Builders' Exchange, San Jose, awarded contract by council to improve Auzaiz avenue, between Delmas and Bird avenues, 2-in. asphalt. concrete pavement with 3½-in. asphalt. concrete base, \$27 sq. ft.; concrete curb, \$70 lin. ft.; concrete gutter, \$24 sq. ft.; catchbasin, \$75 each; 12-in. vit. pipe drains, \$125 lin. ft.; 1st stone walks, \$20 sq. ft.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
4213	Grace	Foy	6287
4214	See Yuen	Bayliss	5975
4215	Lewis	Wagner	20000
4216	Hargrave	Owner	3500
4217	Campbell	Owner	1000
4218	Denny	Whitten	2500
4219	Frick	Owner	20000
4220	Steiger	Grosman	2000
4221	Loupe	Owner	2000
4222	Y M I	Central	10200
4223	Name	Ruegg	46276
4224	Name	Withington	1875
4225	Name	Smith	1827
4226	Name	California	2027
4227	Name	Severin	3330
4228	Name	Kiesel	3310
4229	Name	Gilfoy	1006
4230	Name	Jackson	1164
4231	Name	Bender	584
4232	Name	Lowry	4080
4233	Madison	Pinkerton	1075
4234	Moore	Hansen	10000
4235	Crocker	Walter	1400
4236	Anderson	Owner	9250
4237	Blake	Owner	5000
4238	Stulsait	Fetter	1925
4239	Bienhard	Owner	4000
4240	Brodie	Owner	3000
4241	American	Sorenson	5000
4242	Peterson	Peterson	9000
4243	Falvey	Owner	100000
4244	Storheim	Owner	17400
4245	Hansen	Hansen	4000
4246	California	Owner	30000
4247	Myers	Britt	1500
4248	R C Archbishop	Bosch	65750
4249	Brellman	Arnott	2600
4250	Green	Diessel	2500
4251	Lerer	Owner	5000
4252	Carroll	Barasi	3000
4253	Genocchio	Swanson	6000
4254	Gawthorne	Owner	5000
4255	Cole	Owner	1000
4256	Lee	Owner	1850
4257	Metcalfe	Owner	20000
4258	Edmonds	Meyer	3000
4259	Britton	Tommitt	2600
4260	Dairy	Wilhelm	5345
4261	Basyle	Gervais	149
4262	Name	Empire	8706
4263	Name	Hock	9475
4264	Name	Western	502
4265	Name	Nichel	2637
4266	Name	Petersen	1746
4267	Name	Maudrell	3250
4268	Name	Ginsberg	715
4269	Name	Spencer	175
4270	Name	Smith	764
4271	Name	Morrison	2470
4272	Name	Carroll	12400
4273	Name	Stewart	1240
4274	Name	Scott	8007
4275	Name	Scott	2371
4276	Name	Scott	1220
4277	Name	Spencer	3050
4278	Bailey	Hansen	5900
4279	Feerick	Feerick	5000
4280	Johnson	Owner	8000
4281	Ellingson	Owner	3000
4282	Hildebrandt	Owner	2500
4283	Morris	Owner	4000
4284	Fritz	Chahil	4000
4285	Haas	Owner	25000
4286	Metraa	Owner	75000
4287	Tiscornia	Owner	20000
4288	Adler	Owner	10000
4289	Gercke	Thomas	4500
4290	Grace	Foy	6287
4291	Western	Dyer	32415
4292	Sullivan	Barrett	74360
4293	Butonn	Tommitt	2600

4294	Johnson	Owner	10600
4295	Simmons	Barrett	75000
4296	Berges	Owner	4500
4297	Johnson	Owner	12500
4298	Gottlieb	Owner	3000
4299	Spencer	Thomas	9000
4300	Manseau	Owner	9000
4301	Burns	Owner	6000
4302	Adams	Horstmyer	6990
4303	Cramer	Olson	15000
4304	Clancy	Owner	125000
4305	Hanburger	Fontanella	1500
4306	Wong	Finnegan	3400

DWELLING	
(4213) W BRUSSELS	100 S Bacon.
One-story and basement frame	
dwell.	
Owner—Grace English Evangelical	
Lutheran Church, Brussels and	
Beacon Sts., San Francisco.	
Architect—None.	
Contractor—Foy & Johnson.	1515
Grove St., S. F.	\$6257

ALTERATIONS	
(4214) NO. 1006 CLAY.	Excavate
basement; brick underpinning. cement	
flooring.	
Owner—See Yuen Association. Clay &	
Grant Ave., San Francisco.	
Architect—Albert Schroeffer. Nevada	
Bank Bldg., San Francisco.	
Contractor—Baylis & Sheridan.	351
11th St., Oakland.	\$5975

RESIDENCE	
(4215) N GREEN 220 E Jones.	Two-
story and basement frame resi-	
dence.	
Owner—Chas. L. Lewis. 251 Kearny	
St., San Francisco.	
Architect—John K. Branner. 251	
Kearny St., San Francisco.	
Contractor—Geo. Wagner. 251 Kearny	
St., San Francisco.	\$20,000

DWELLING	
(4216) W NAPLES 50 S Brunswick.	
One-story and basement frame	
dwell.	
Owner—E. J. Hargrave. 350 London	
Architect—None.	\$3500

ALTERATIONS	
(4217) S SEVENTEENTH 222 W Val-	
encia. Concrete foundations; tar	
and gravel roof; cement front. etc.	
(studio).	
Owner—George Campbell. 21 Cortland	
Ave., San Francisco.	
Architect—None.	\$1000

ALTERATIONS	
(4218) NO. 674 SACRAMENTO. Con-	
struct reproof Mansard roof and	
extend elevator shaft.	
Owner—Edw. Denny & Co.	
Architect—None.	
Construction Manager—Frederick	
Whitton. 369 Pine St., San Fran-	
cisco.	\$2500

APARTMENTS	
(4219) N SACRAMENTO 200 W	
Kearny. Three-story and base-	
ment frame 15 apartments.	
Owner—A. F. Frick. 2005 Mission St.,	
San Francisco.	
Architect—A. J. Horstmann. 303 Angio	
Bldg., San Francisco.	\$20,000

DWELLING	
(4220) E VIENNA 225 N France.	
One-story and basement frame	
dwell.	
Owner—St. Steiger. Monadnock Bldg.,	
San Francisco.	
Architect—None.	

Contractor—Wm. E. Grosman. 447 Lon-	
don St., San Francisco.	\$2000

REPAIRS	
(4221) SW BUSH AND SAN CLARE.	
Repair electric work and plumb-	
ing; painting; hardware repairs.	
etc.	
Owner—Lester G. Loupe. 109 Sutter St.,	
San Francisco.	
Architect—S. Heiman. 57 Post St., San	
Francisco.	\$2000

GYMNASIUM	
(4222) N OAK 247-3 W Van Ness	
Ave W 63-9x120. Structural steel	
for gymnasium building.	
Owner—Young Men's Institute Hall	
Association.	
Architect—Shea & Shea. Chronicle	
Bldg., San Francisco.	
Contractor—Central Iron Works. 631	
Florida St., San Francisco.	
Filed Dec. 1, '22. Dated Nov. 20, '22.	
On 1st of each month..... 75%	
Usual 35 days..... 25%	
TOTAL COST, \$10,200	
Bond, \$10,200. Surety, National Surety	
Co. Limit, Feb. 1, 1923. Forfeit, none.	
Plans and specifications filed.	

(4223) CARPENTER AND CONCRETE	
work on above.	
Contractor—Ruegg Bros., California-	
Pacific Bldg., San Francisco.	
Filed Dec. 1, '22. Dated Nov. 20, '22.	
Payments same as above.....	
TOTAL COST, \$46,276	
Bond, \$46,276. Surety, National Surety	
Co. Limit, May 1, 1923. Forfeit, none.	
Plans and specifications filed.	

(4224) ORNAMENTAL IRON WORK	
on above.	
Contractor—Withington Iron Works,	
780 Brannan St., San Francisco.	
Filed Dec. 1, '22. Dated Nov. 20, '22.	
Payments same as above.....	
TOTAL COST, \$1875	
Bond, \$1875. Surety, National Surety	
Co. Limit, May 1, 1923. Forfeit, none.	
Plans and specifications filed.	

(4225) GLASS AND GLAZING ON	
above.	
Contractor—P. A. Smith Co., 638 4th	
St., San Francisco.	
Filed Dec. 1, '22. Dated Nov. 20, '22.	
Payments same as above.....	
TOTAL COST, \$1827	
Bond, \$1827. Surety, National Surety	
Co. Limit, May 1, 1923. Forfeit, none.	
Plans and specifications filed.	

(4226) MARBLE WORK ON ABOVE.	
Contractor—California Marble Co., 369	
Pine St., San Francisco.	
Filed Dec. 1, '22. Dated Nov. 20, '22.	
Payments same as above.....	
TOTAL COST, \$2027	
Bond, \$2027. Surety, National Surety	
Co. Limit, May 1, 1923. Forfeit, none.	
Plans and specifications filed.	

(4227) ELECTRICAL WORK ON	
above.	
Contractor—C. C. Severin. 55 Fifth St.,	
San Francisco.	
Filed Dec. 1, '22. Dated Nov. 20, '22.	
Payments same as above.....	
TOTAL COST, \$3830	
Bond, \$3830. Surety, National Surety	
Co. Limit, May 1, 1923. Forfeit, none.	
Plans and specifications filed.	

(4228) PAINTING ON ABOVE.	
Contractor—F. Kiesel. 575 Fulton St.,	
San Francisco.	

Filed Dec. 1, '22. Dated Nov. 20, '22.
Payments same as above.....
TOTAL COST, \$3310
Bond, \$3310. Surety, National Surety Co. Limit, May 1, 1923. Forfeit, none. Plans and specifications filed.

(4229) SHEET METAL WORK ON above.
Contractor—Giffey Cornice Works, 209 8th St., San Francisco.

Filed Dec. 1, '22. Dated Nov. 20, '22.
Payments same as above.....
TOTAL COST, \$1006
Bond, \$1006. Surety, National Surety Co. Limit, May 1, 1923. Forfeit, none. Plans and specifications filed.

(4230) SIDEWALK LIGHTS ON above.
Contractor—P. H. Jackson Co., 238 1st St., San Francisco.

Filed Dec. 1, '22. Dated Nov. 20, '22.
Payments same as above.....
TOTAL COST, \$1164
Bond, \$1164. Surety, National Surety Co. Limit, May 1, 1923. Forfeit, none. Plans and specifications filed.

(4231) ROOFING AND DAMPPROOFING on above.

Contractor—J. W. Bender Roofing & Faying Co., Monadnock Bldg., S. F.
Filed Dec. 1, '22. Dated Nov. 20, '22.
Payments same as above.....

TOTAL COST, \$854
Bond, \$854. Surety, National Surety Co. Limit, May 1, 1923. Forfeit, none. Plans and specifications filed.

(4232) FLOOR AND WALL TILING on above.

Contractor—Lowry & Daly, 1553 Page St., San Francisco.
Filed Dec. 1, '22. Dated Nov. 20, '22.
Payments same as above.....

TOTAL COST, \$4080
Bond, \$4080. Surety, National Surety Co. Limit, May 1, 1923. Forfeit, none. Plans and specifications filed.

PLUMBING, ETC.

(4233) SE HARRISON 75 SW Langston E 137-6 SW 40. All work plumbing, drainage, etc., for three-story Class C building.
Owner—James Madison, 112 Market St., San Francisco.

Architect—Nathaniel Blaisdell, 255 California St., San Francisco.
Contractor—James H. Pinkerton, 180 Jessie St., San Francisco.

Filed Dec. 1, '22. Dated Oct. 2, '22.
Roughed in\$400
Completed and accepted..... 407
Usual 35 days..... 269

TOTAL COST, \$1078
Bond, \$538. Sureties, Wm. D. Cashel and Frank A. Stauffer. Limit, 35 days. Forfeit, \$20. Plans and specifications filed.

LODGE BLDG.

(4234) SE MARKET 140-4½ NE Brady NE 67xSE 180. All work for two-story Class B lodge bldg. Owner—San Francisco Lodge No. 26, Royal Order of Moose, 105 Jones St., San Francisco.

Architect—O'Brien Bros., Inc., 240 Montgomery St., San Francisco.
Contractor—Fred L. Hansen, 251 Kearny St., San Francisco.

Filed Dec. 1, '22. Dated Nov. 29, '22.
Wall up to sidewalk lint.....\$ 8,000
Walls up in concrete to 2nd floor 8,000
Walls of swimming pool in..... 12,000
Walls up to roof level..... 12,000
Walls completed and plumbing and electric roughed in..... 12,000
Brown coated and roofed..... 12,000
Completed and accepted..... 11,000
Usual 35 days..... 15,000

TOTAL COST, \$100,000
Bond, \$50,000. Surety, Union Indemnity Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

APARTMENTS

(4235) W GUERRERO 141-9 SE Market N 111-9 SW 119-10½, S½ 122-3½ m or l to beg. Carpets, lining, stair padding and kitchen linoleum for three-story and basement apartment building.

Owner—Mary I. Crocker, Insurance Exchange Bldg., San Francisco.
Architect—Nathaniel Blaisdell, 255 California St., San Francisco.

Contractor—D. N. & E. Walter & Co., 562 Mission St., San Francisco.
Filed Dec. 1, '22. Dated Aug. 21, '22.
Completed and accepted.....\$1050
Usual 35 days..... 350

TOTAL COST, \$1400
Bond, \$700. Sureties, Julius Rosenthal and Wm. D. Sullivan. Limit, 60 days. Forfeit, \$20. Plans and specifications, none.

FRAME FLATS

(4236) W EIGHTH AVE 220 N Judah. Two-story and basement frame (2) flats.

Owner—A. V. Anderson, 623 21st Ave., San Francisco.
Architect—None. \$9250

ALTERATIONS

(4237) NO. 41 FIRST. Enlarge office quarters in first floor, glazed partitions, railings, etc.

Owner—Blake, Moffitt & Towne, Prem. Architect—Willis Polk & Co., Hobart Bldg., S. F. \$5000

ALTERATIONS

(4238) S SIXTEENTH 100 E Capp. New store front and alter for living quarters in retail.

Owner—Miss G. A. Stasaft, 2005 Sacramento St., San Francisco.
Architect—None.
Contractor—F. Fetter, 303 Guerrero St., San Francisco. \$1925

DWELLING

(4239) W TWENTY-SIXTH AVE 60 S Anza. One-story and basement frame dwelling.

Owner—D. L. Benfield, 1405 Clement St., San Francisco.
Architect—None. \$4000

DWELLING

(4240) N BRUNSWICK 31 E Oliver. One-story and basement frame dwelling.

Owner—Samuel H. Brodie, 4128 17th St., San Francisco.
Plans by Owner. \$3000

PLUMBING, ETC.

(4241) NO. 150 CALIFORNIA. Plumbing work; partitions, etc., for offices.

Owner—American Finance Co., Prem. Architect—W. H. Ratcliff, 1st National Bank Bldg., Berkeley.
Contractor—Walter Corenson, 180 Jessie St., San Francisco. \$5000

DWELLINGS

(4242) W NINTH AVE 25, 50 and 75 S Lawton. Three one-story and basement frame dwellings.

Owner—Arvid Peterson and E. Dahlberg, 330 Moraga St., San Francisco.
Architect—None.
Contractor—Arvid Peterson, 330 Moraga St., S. F. \$3000 each

APARTMENTS

(4243) S SUTTER 137-6 W Leavenworth. Five-story and basement concrete (29) apartments.

Owner—A. F. Falvey, 2099 Lake St., San Francisco.
Plans by Owner. \$100,000

FLATS

(4244) W SIXTEENTH AVE 275, 300 and 325 N Fulton. Three two-story and basement frame (2 in each) flats.

Owner—M. P. Storhelm, 201 Caselli Ave., San Francisco.
Architect—None. \$5800 each

DWELLING

(4245) N ULLLOA AND ALLSTON Way. One-story and basement frame dwelling.

Owner—Walter E. Hanson, 1919 San Jose Ave., San Francisco.
Architect—Ida F. McCain, 318 Kearny St., San Francisco.

Contractor—Walter E. Hansen, 1919 San Jose Ave. and E. Kaikka, 182 Precita Ave., S. F. \$4000

FACTORY

(4246) W SAN BRUNO AVE 135 N Costa. Three-story steel and concrete factory.

Owner—California Shade Cloth Co., Inc., 2183 Bryant St., S. F. \$30,000
Plans by Owner.

STORAGE QUARTERS

(4247) S STILLMAN 145 W Second. One-story frame storage quarters.

Owner—L. A. Myers, 68 Post St., S. F. Architect—Sam. Lightner Hyman, 68 Post St., San Francisco.
Contractor—O. W. Britt, 180 Jessie St., San Francisco. \$1500

CHURCH

(4248) N FILEBERT 137-6 E Powell E 137-6XN 160. Metal furring, lathing and plastering for church building.

Owner—The Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Charles Fantoni, 550 Montgomery St., San Francisco.

Contractor—Hermann Bosch, 429 Fulton St., San Francisco.
Filed Dec. 4, '22. Dated Nov. 28, '22.
On list of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$65,750
Bond, \$33,000. Sureties, John S. Guerin and Stephen A. Guerin. Limit, 175 days. Forfeit, none. Plans and specifications filed.

BUNGALOW

(4249) NE LAKEVIEW AVE AND Capitol Ave E 75xN 25. All work for four-room bungalow.

Owner—Max and Mildred A. Breiman, 168 O'Farrell St., San Francisco.
Plans by Owner.

Contractor—James Arnott & Son, 235 Granville Way, S. F.
Filed Dec. 4, '22. Dated Oct. 1, '22.
Frame up 25%
Brown coated 25%
Completed and accepted..... 25%
Usual 35 days..... 25%

TOTAL COST, \$2600
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

REPAIRS

(4250) NO. 1212 DOLORES. Repair fire damage to residence; ratproofing; interior decorating, etc.

Owner—Annie R. Green, 248 Russ Bldg., San Francisco.
Architect—None.
Contractor—John Diestel, 248 Russ Bldg., San Francisco. \$2500

STORE

(4251) E ELEVENTH 75 N Harrison. One-story and mezzanine floor reinforced concrete store.

Owner—Lerer Bros., 375 11th St., San Francisco.
Architect—Simon Misrack, 34 29th St., San Francisco. \$5000

DWELLING

(4252) N FELTON bet. Brussels and Gerard. One-story and basement frame dwelling.

Owner—R. F. Carroll, 4264 24th St., San Francisco.
Architect—Edward J. O'Connor, 551 Goettingen St., San Francisco.

Contractor—A. Barasi, 1628 Van Ness Ave., San Francisco. \$3000

DWELLING
(4253) SW GENEVA AND MADRID.
One-story and basement frame
dwelling.
Owner—Mr. Genocchio, — Mission St.,
San Francisco.
Architect—C. F. Strothoff, 2274 15th
St., San Francisco.
Contractor—Ernest Swanson, 180 Jesse
St., San Francisco. \$6000

FRAME FLATS
(4254) W JONES 27-6 N Vallejo.
Two-story and basement frame (2)
flats.
Owner—Dr. F. A. Gawthorne, 708 Phelan
Bldg., San Francisco.
Architect—None. \$5000

ALTERATIONS
(4255) NO. 78 NAPLES. Raise and
alter dwelling; repair basement for
garage.
Owner—E. W. and Emma Cole, Prem.
Architect—None. \$1000

ALTERATIONS
(4256) NO. 1000 VAN NESS AVE.
Construct dry rooms for painting;
remove and reset partitions.
Owner—Don Lee, Inc., Premises.
Architect—None. \$1850

APARTMENTS
(4257) NW VAN NESS & LOMBARD.
Three-story and basement frame
(9) apartments.
Owner—G. A. Metcalfe, 307 Turk St.,
San Francisco.
Plans by Owner. \$20,000

DWELLINGS
(4258) E SEVENTEENTH AVE 260-6
and 285-6 S Balboa. Two one-story
and basement frame dwellings.
Owner—J. W. Edmonds, 672 27th Ave.,
San Francisco.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco.
Contractor—Meyer Bros., 5326 Geary
St., San Francisco. \$3000 each

DWELLING
(4259) N HOLLOWAY 100 E Granada.
One-story and basement frame
dwellings.
Owner—Mrs. Anna Josephine Butoun,
% 3321 22nd St., San Francisco.
Architect—None.
Contractor—Tomnitz & Kusch, 3321
22nd St., San Francisco. \$2600

ADDITION
(4260) N NINETEENTH 260 E Guer-
rero. Two-story addition for offices
and storage rooms.
Owner—Dairy Delivery Co., 3550 19th
St., San Francisco.
Architect—W. H. Toepke, 72 New
Montgomery St., San Francisco.
Contractor—A. H. Wilhelm, 180 Jessie
St., San Francisco. \$5348

MARBLE WORK
(4261) N BUSH 135-6 W Mason W 30
x N 137-6. Marble and mosaic
work for five-story steel, frame
and brick building (apartments).
Owner—Bertha Bayse, 425 Kearny St.,
San Francisco.
Architect—W. H. Crim Jr., 425 Kearny
St., San Francisco.
Contractor—Henry Gervais, 1727 Mis-
sion St., San Francisco.
Filed Dec. 5, '22. Dated Nov. 22, '22.
Completed and accepted.....\$111.75
Usual 35 days.....37.25
TOTAL COST, \$149.00
Bond, none. Limit, as fast as possible.
Forfeit, \$30. Plans and specifications
filed.

(4262) MILL WORK ON ABOVE.
Contractor—Empire Planning Mill, 750
Bryant St., San Francisco.
Filed Dec. 5, '22. Dated Nov. 22, '22.
On list of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$8706

Bond, \$4353. Sureties, R. A. Hiscox &
J. H. McCallum. Limit, as fast as pos-
sible. Forfeit, \$30. Plans and specifi-
cations filed.

(4263) BRICK WORK. HOLLOW
tile and flues on above.
Contractor—C. H. Hock, 180 Jessie St.,
San Francisco.
2 stories of brick work done.....\$2368.75
4 stories of brick work done.....2368.75
Completed and accepted.....2368.75
Usual 35 days.....2368.75
TOTAL COST, \$4737.50
Bond, \$4738. Sureties, E. Hock and L.
B. Sibley. Limit, as fast as possible.
Forfeit, \$30. Plans and specifications
filed.

(4264) STEEL AND MISCELLANEOUS
iron work on above.
Contractor—Western Iron Works, 141
Beale St., San Francisco.
Filed Dec. 5, '22. Dated Nov. 22, '22.
Completed and accepted.....\$379
Usual 35 days.....123
TOTAL COST, \$502

Bond, none. Limit, as required. For-
feit, \$30. Plans and specifications
filed.

(4265) ORNAMENTAL IRON. FIRE
escapes and elevator cage on
above.
Contractor—Michel & Pfeffer Iron
Works, 1415 Harrison St., S. F.
Filed Dec. 5, '22. Dated Nov. 22, '22.
Elevator grilles and car set.....\$ 977
Completed and accepted.....1000
Usual 35 days.....660
TOTAL COST, \$2637

Bond, \$1319. Sureties, Arthur Elvin
and C. T. Merchant. Limit, as fast as
possible. Forfeit, \$30. Plans and
specifications filed.

(4266) EXCAVATING, CONCRETE
sidewalk and reinforcing steel on
above.
Contractor—H. L. Petersen, 62 Post
San Francisco.
Filed Dec. 5, '22. Dated Nov. 22, '22.
All work except basement com-
plete.....\$750
Completed and accepted.....559
Usual 35 days.....437
TOTAL COST, \$1746

Bond, \$873. Sureties, C. A. Pistolesi &
Chas. E. Moehle. Limit, as fast as
possible. Forfeit, \$30. Plans and
specifications filed.

(4267) PAINTING, PAPERING, ETC.,
on above.
Contractor—Maudreau & Bowen, 320
Hayes St., San Francisco.
Filed Dec. 5, '22. Dated Nov. 22, '22.
2nd coat paint on.....\$812.50
Painting completed.....121.50
All work completed.....121.50
Usual 35 days.....121.50
TOTAL COST, \$3250.00

Bond, \$1625. Surety, United States
Fidelity & Guaranty Co. Limit, as fast
as possible. Forfeit, \$30. Plans and
specifications filed.

(4268) TILE WORK ON ABOVE.
Contractor—Ginsberg Tile Co., 540
Turk St., San Francisco.
Filed Dec. 5, '22. Dated Nov. 22, '22.
Completed and accepted.....\$538.75
Usual 35 days.....178.50
TOTAL COST, \$718.25

Bond, none. Limit, as fast as re-
quired. Forfeit, \$30. Plans and
specifications filed.

(4269) DUMB WAITER ON ABOVE.
Contractor—Richard Spencer, Hearst
Bldg., San Francisco.
Filed Dec. 5, '22. Dated Nov. 22, '22.
Completed and accepted.....\$1312.50
Usual 35 days.....43.75
TOTAL COST, \$175.00

Bond, none. Limit, as fast as possible.
Forfeit, \$30. Plans and specifications
filed.

(4270) GLASS AND GLAZING ON
above.
Contractor—P. A. Smith Co., Inc., 638
Fourth St., San Francisco.
Filed Dec. 5, '22. Dated Nov. 22, '22.
Completed and accepted.....\$573
Usual 35 days.....191
TOTAL COST, \$764

Bond, none. Limit, as fast as possible.
Forfeit, \$30. Plans and specifications
filed.

(4271) SHEET METAL WORK ON
above.
Contractor—Morrison & Co., 769 Mc-
Allister St., San Francisco.
Filed Dec. 5, '22. Dated Nov. 22, '22.
Bay windows and light wells
completed.....\$1000
Completed and accepted.....850
Usual 35 days.....620
TOTAL COST, \$2470

Bond, \$1235. Sureties, Emily Hogart
and R. H. Forbes. Limit, as fast as
possible. Forfeit, \$30. Plans and
specifications filed.

(4272) LATHING, PLASTERING AND
fireproofing on above.
Contractor—Thomas Carroll, 180 Jesse
St., San Francisco.
Filed Dec. 5, '22. Dated Nov. 22, '22.
Scratch coated.....\$2340
Brown coated.....2340
Completed and accepted.....2340
Usual 35 days.....2340
TOTAL COST, \$11,360

Bond, \$5680. Sureties, A. Lynch and P.
E. Reilly. Limit, as fast as possible.
Forfeit, \$30. Plans and specifications
filed.

(4273) STAIR WORK ON ABOVE.
Contractor—J. K. Stewart, 3307 26th
St., San Francisco.
Filed Dec. 5, '22. Dated Nov. 22, '22.
Roughed in.....\$465
Completed and accepted.....465
Usual 35 days.....310
TOTAL COST, \$1240

Bond, \$620. Sureties, Edw. De Kort
and J. D. Christin. Limit, as fast as
possible. Forfeit, \$30. Plans and
specifications filed.

(4274) PLUMBING ON ABOVE.
Contractor—Scott Co., 243 Minna St.,
San Francisco.
Filed Dec. 5, '22. Dated Nov. 22, '22.
Roughed in.....\$3000
Completed and accepted.....3000
Usual 35 days.....2007
TOTAL COST, \$8007

Bond, \$4004. Sureties, Wm. P. Scott
and Peter F. Scott. Limit, as fast as
possible. Forfeit, \$30. Plans and
specifications filed.

(4275) ELECTRICAL WIRING ON
above.
Contractor—Central Electric Co., 185
Stevenson St., San Francisco.
Filed Dec. 5, '22. Dated Nov. 22, '22.
Roughed in.....\$89.25
Completed and accepted.....89.25
Usual 35 days.....592.75
TOTAL COST, \$2371.00

Bond, \$1186. Surety, New Amsterdam
Casualty Co. Limit, as fast as possible
Forfeit, \$30. Plans and specifications
filed.

(4276) STEAM HEATING ON ABOVE.
Contractor—Scott Co., 243 Minna St.,
San Francisco.
Filed Dec. 5, '22. Dated Nov. 22, '22.
Roughed in and tank installed.....\$600
Completed and accepted.....315
Usual 35 days.....305
TOTAL COST, \$1320

Bond, \$610. Sureties, Wm. P. and Peter
F. Scott. Limit, as fast as possible.
Forfeit, \$30. Plans and specifications
filed.

(4277) ONE ELECTRIC PASSENGER
elevator on above.
Contractor—Spencer Elevator Co., 166
Seventh St., San Francisco.
Filed Dec. 5, '22. Dated Nov. 21, '22.

Installation of guards..... 1/4
Engine delivered..... 1/2
Usual 35 days..... 1/4
TOTAL COST, \$3650
Bond, \$1525. Sureties, A. E. Lacey and
Jos. C. Lacey, Limit, 3 months. Forfeited,
none. Plans and specifications filed.

FRAME BUILDING
(4278) LOT 11 BLK 2981, Claremont
Court. All work for one-story
frame building.
Owner—Mitchell P. and Mary Bailey.
Architect—None.
Contractor—Walter E. Hansen and O.
Kafka, 2235 Market St., S. F.
Filed Dec. 5, '22. Dated Nov. 24, '22.
Frame up.....\$1000
Plastered outside and in..... 1000
Completed..... 1000
Usual 35 days..... 1000
Balance by note secured by deed
of trust..... 1900
TOTAL COST, \$5900
Bond, limit, forfeited, none. Plans and
specifications filed.

DWELLINGS
(4279) W TWENTY-THIRD AVE 125
and 150 S Cabrillo. Two-story and
basement frame dwellings.
Owner—Bryan Peerick, 253 Downey
St., San Francisco.
Designer—B. Peerick.
Contractor—B. Peerick, 252 Downey
St., San Francisco. \$3000 each

FRAME FLATS
(4280) E FOURTEENTH AVE 225 N
Fulton. Two-story and basement
frame (2) flats.
Owner—Walter C. Johnson, 6th and
Mission, San Francisco.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco. \$5000

DWELLING
(4281) W ANDOVER 250 S Eugenia.
One-story and basement frame
dwelling.
Owner—E. E. Ellingson, 653 Joost Ave.,
San Francisco.
Architect—None. \$3000

DWELLING
(4282) W ALABAMA 150 N Twenty-
third. One-story and basement
frame dwelling.
Owner—Mrs. M. Hildebrandt, 248 Cor-
bett Ave., San Francisco.
Architect—Walter Faich, Hearst Bldg.,
San Francisco. \$2500

DWELLING
(4283) W ELEVENTH AVE 275 N Ca-
brillo. One-story and basement
frame dwelling.
Owner—A. T. Morris, 602 9th Ave., San
Francisco.
Architect—None. \$1000

FOUNDATION
(4284) N MARKET 137-6 E Montgom-
ery. Concrete foundation (only)
for loft building.
Owner—Mrs. Eugene Fritz.
Architect—Powers & Ahnden, Italian
American Bank Bldg., S. F.
Contractor—Cahill Bros., 110 Sutter
St., San Francisco. \$4000
NOTE:—This is a partial permit.

APARTMENTS
(4285) N FULTON 82-6 W Franklin.
Three-story and basement frame
(14) apartments.
Owner—Louis Haas and E. V. Lacey,
825 Monadnock Bldg., S. F.
Plans by Owner. \$25,000

RESIDENCES
(4286) W LYON foot of Green St.
Five two-story, basement and
attic frame duplex residences (2
families in each).
Owner—Carlo Metrais, % Architect.
Architect—August G. Headman, Call
Bldg., San Francisco. \$15,000 each

ALTERATIONS
(4287) S PACIFIC 148 E Van Ness
Ave. Alterations and additions for
garage and paint shop.
Owner—A. A. Tiscornia, Const Bldg.,
San Francisco.
Architect—August G. Headman, Call
Bldg., S. F. \$20,000

APARTMENTS
(4288) E TWENTY-THIRD AVE 125 S
Geary. Two-story and basement
frame (4) apartments.
Owner—K. Adler, 493 22nd Ave., San
Francisco.
Plans by Owner. \$10,000

BUNGALOW
(4289) E TWENTY-SEVENTH AVE
150 S Clement S 25 E 104-2 1/2 NW
25-1 1/2 W 101-7 1/2. All work for
one-story bungalow.
Owner—Alfred O. and Anna M. Gercke,
706 Castro St., San Francisco.
Architect—None.
Contractor—John C. Thomas, 380 20th
Ave., San Francisco.
Filed Dec. 6, '22. Dated Sept. 15, '22.
Frame up.....\$1125
Brown coated..... 1125
Completed..... 1125
Usual 35 days..... 1125
TOTAL COST, \$4500
Bond, none. Limit, 90 days. Forfeited,
none. Plans and specifications, none.

RESIDENCE
(4290) W BRUSSELS 100 S Bacon. All
work for one-story frame resi-
dence and garage.
Owner—Grace English Evangelical
Lutheran Church of San Fran-
cisco, Brussels and Beacon Sts.,
San Francisco.
Architect—None.
Contractor—Foy & Johnson, 1515 Grove
St., San Francisco.
Filed Dec. 6, '22. Dated ———.
Frame up & roof boards on.....\$1571.75
Building plastered 1 coat..... 1571.75
Completed and accepted..... 1571.75
Usual 35 days..... 1571.75
TOTAL COST, \$6287.00
Bond, none. Limit, 90 days. Forfeited,
none. Plans and specifications filed.

ERECTION OF STEEL, ETC.
(4291) SIXTH AND STEVENSON.
Provision of steel, its fabrication
and erection in building.
Owner—The Western States Life Ins.
Co., 995 Market St., San Francisco.
Architect—Held Bros., 105 Montgomery
St., San Francisco.
Contractor—Dyer Bros. Golden West
Iron Works, Inc., 17th and Kansas
Sts., San Francisco.

Filed Dec. 6, '22. Dated Nov. 8, '22.
Steel work delivered and 25%
fabricated.....\$4000.00
When 50% fabricated..... 4000.00
When 75% fabricated..... 4000.00
All work fabricated..... 7450.00
All work erected..... 4500.00
Usual 35 days..... Balance
TOTAL COST, \$32,418.00
Bond, \$16,300. Sureties, Geo. H. Dyer
and R. W. Dyer, Limit, as required.
Forfeited, none. Plans and specifications
filed.

BUILDING
(4292) N ELLIS 171-10 1/2 W Powell
W 34-4 1/2 X N 137-6. All work for
three-story building.
Owner—Walter H. Sullivan, Alexander
Bldg., San Francisco.
Architect—Leo J. Devlin, Pacific Bldg.,
Contractor—Barrett & Hilp, 918 Har-
rison St., San Francisco.

Filed Dec. 6, '22. Dated Dec. 4, '22.
On 1st and 15th of each month 75%
Usual 35 days, 25%.....\$18,500
TOTAL COST, \$74,950
Bond, none. Limit, 125 days. Forfeited,
none. Plans and specifications filed.

COTTAGE
(4293) LOT 5 BLK 9, Lakeview. All
work for four-room and basement
cottage.
Owner—Anna J. Butonn.
Architect—Tomnitz & Kusich, 3321 22d
St., San Francisco.
Contractor—Tomnitz & Kusich, 3321
22nd St., San Francisco.

Filed Dec. 6, '22. Dated Dec. 5, '22.
Enclosed ready for plaster....\$1000
Completed and accepted..... 1000
36 days after..... 600
TOTAL COST, \$2600
Bond, none. Limit, 75 days. Forfeited,
none. Plans and specifications filed.

APARTMENTS
(4294) N BUSH 87-6 W Leavenworth.
Five-story and basement concrete
(30) apartments.
Owner—Louis Johnson, 2260 19th Ave.,
San Francisco.
Architect—None. \$70,000

FACTORY
(4295) NW BAY & POWELL. Three
story Class B factory.
Owner—Simmons Co., Premises.
Plans by Owner.
Contractor—Barrett & Hilp, 918 Har-
rison St., San Francisco. \$75,000

ALTERATIONS
(4296) W CASTRO 142 S Seventeenth.
Alter two frame buildings into
apartments.
Owner—Jas. Berges, Perramont Hotel,
San Francisco.
Architect—Rightt & Hirschfeld, 12
Geary St., San Francisco. \$1500

FRAME FLATS
(4297) SW CARRILLO AND FOUR-
teenth Ave. Two-story and base-
ment frame (4) flats.
Owner—Nels F. Johnson, 1934 Folsom
St., San Francisco.
Architect—None. \$12,500

DWELLING
(4298) S GEARY 57-6 E Seventh Ave.
One-story and basement frame
dwelling.
Owner—Paul Gottlieb, 574 Eddy St.,
San Francisco.
Architect—None. \$3000

FRAME FLATS
(4299) W FIFTEENTH AVE 104-3 N
Clement. Two-story and basement
frame (2) flats.
Owner—F. Spencer, 178 17th Ave., San
Francisco.
Architect—None.
Contractor—J. C. Thomas, 380 20th
Ave., San Francisco. \$9000

FRAME FLATS
(4300) W EIGHTEENTH AVE 375 W
Fulton. Two-story and basement
frame (2) flats.
Owner—Edw. E. Manseau, 647 Clayton
St., San Francisco.
Architect—None. \$9000

FRAME FLATS
(4301) N FULTON 32-6 W Twenty-
first Ave. Two-story and basement
frame (2) flats.
Owner—John Burns, 2614 McAllister
St., San Francisco.
Plans by Owner. \$6000

FRAME FLATS
(4302) N MARKET — W Diamond.
Two-story and basement frame (2)
flats.
Owner—Amalia S. Adams, — Colling-
wood St., San Francisco.
Architect—None.
Contractor—Wm. Horstmeier, 31 Ord
St., San Francisco. \$6990

APARTMENTS
(4303) E TAYLOR 92 N Sacramento.
Three-story and basement frame
(6) apartments.
Owner—James W. Cramer, 1732 Golden
Gate Ave., San Francisco.
Plans by Owner.

Contractor—Olson & Persson, 289 Fell St., San Francisco. \$15,000

APARTMENTS

(4304) SE TURK & LEAVENWORTH
Six-story and basement concrete
(40) apartments.
Owner—D. J. Clancy, 2884 Folsom St.,
San Francisco.
Architect—H. C. Baumann and Edw.
Jose, 251 Kearny St., San Fran-
cisco. \$125,000

ALTERATIONS

(4305) E VALENCIA 200 N Seven-
teenth. Plaster and remodel front
of store.
Owner—S. Hamburger, 110 Sutter St.,
San Francisco.
Architect—A. H. Knott, Hearst Bldg.,
San Francisco.
Contractor—Fontanella & Teza, 1682
Eddy St., San Francisco. \$1500

ALTERATIONS

(4306) NO. 39 WAVERLY PLACE.
Sheet metal, electrical and painting
work for alterations and additions
to building.
Owner—Wong Wen San Club, Prem.
Designers—Finnegan & Mahoney.
Contractor—Finnegan & Mahoney, 527
Chromie Bldg., San Francisco.
Filed Dec. 7, '22. Dated Dec. 6, '22.
Completion of galvanized iron
and sheet metal work.....\$ 850
Completed and accepted.....\$ 700
Usual 35 days.....\$ 50
TOTAL COST, \$2400
Bond, none. Limit, 19 days. Forfeit,
none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Dec. 1, 1922—W HEMWAY TER-
race 75, 175, 211-8 and 208-4 N
Fulton. W L Hemmings to whom
it may concern.....Dec. 1, 1922
Dec. 1, 1922—E NOE 101-6 N 29th
25x120. George J Bruger to whom
it may concern.....Dec. 1, 1922
Dec. 1, 1922—E LEAVENWORTH
137-6 S Post S 22-11x6 68-9. J W
Marchbank to Anderson & Ringrose
.....Dec. 1, 1922
Dec. 1, 1922—E NINTH AVE 150 S
Anza S 25x120. H O Lineman to
W R Lindeman.....Dec. 1, 1922
Dec. 1, 1922—W TWENTY-SIXTH
AVE 125 S Taraval 25x120. Char-
lotte and Frank J Lesswing to S A
Lesswing.....Dec. 1, 1922
Dec. 1, 1922—NE GREEN AND LA-
guna. Claus Wreden to L M
Weismann.....May 22, 1922
Dec. 1, 1922—NW RICHMAN AND
Homan N 34-6xW 90. Mary J Mc-
Leod to McIntosh Bros.....Nov. 28, 1922
Dec. 1, 1922—S HOWARD 287-6 E
Sixth E 37-6xS 80. Louis R Lurie
to F L Hansen.....Dec. 1, 1922
Dec. 1, 1922—E THIRTY-SIXTH AVE
175 N Anza. A P Herlitz to Meyer
Bros.....Nov. 28, 1922
Dec. 1, 1922—SE SUTTER AND
Taylor E 45-10xS 81-8. F C Mor-
gan to S S Herrick Co. Nov. 27, 1922
Dec. 1, 1922—LOT 7 BLK 2984, Clare-
mont Court. Harvey S Neal to J
Prout.....Oct. 21, 1922
Dec. 1, 1922—N CALIFORNIA 100 E
Poir 100 on California. M I
Franklin to Vukicevich & Bagger,
Nov. 29, 1922
Dec. 1, 1922—E HYDE 112-6 N
Broadway N 25x12 137-6. Rose
Leiser to A M Hardy.....Dec. 1, 1922
Dec. 2, 1922—W THIRTY-SIXTH AV
50 N Cabrillo N 25xW 100. Roy A
Pratt to whom it may concern.....
Dec. 1, 1922
Dec. 2, 1922—N CABRILLO 118-4 E
Twentieth AVE E 25xN 125. Dr. F
A Gawthorne to whom it may con-
cern.....Dec. 1, 1922
Dec. 2, 1922—N CHESTNUT 62-6 E
Franklin N 110x6 25. E D Paulsen

and Maria Paulsen to John Harder
.....Dec. 1, 1922
Dec. 2, 1922—E FRANKLIN 37-6 N
Francisco E 124-3xN 25. Tomaso
Morlini to John Harder.....Dec. 1, 1922
Dec. 2, 1922—W TWELFTH AVE 175
S Geary 25x120. Aaron Lewis to
Morrow & Garren.....Nov. 8, 1922
Dec. 2, 1922—S SUNNYSIDE AVE 180
E Edna. Victor Bjorkman to whom
it may concern.....Dec. 1, 1922
Dec. 4, 1922—LOTS 31, 32 AND 33
Blk 6, Flint Tract HD. Ass'n. Earl
Osgood to H G Andersen.....Nov. 27, '22
Dec. 4, 1922—E TWENTY-FIRST
AVE 100 N Clement. Bertha Nichols
to Benjamin Liebman.....Dec. 1, 1922
Dec. 4, 1922—W THIRTY-EIGHTH
AVE 175 N Fulton N 25xW 122.
Castello Sullivan to whom
it may concern.....Nov. 28, 1922
Dec. 4, 1922—SW HOWARD AND
Hawthorne 112-6x195. N A Sexton
for S. F. News Co to Mealey &
Collins.....Nov. 29, 1922
Dec. 4, 1922—E 11-11 FT. LOT 27 and
W 27-78 R. Lot 28 Blk 5, Forest
Hill. Arthur D Dorr to whom it
may concern.....Dec. 1, 1922
Dec. 4, 1922—SW GERRARD 50 SE
Harkness SE 25xSW 120. George
H and Laura Baumann to Jas G
Neish.....Dec. 2, 1922
Dec. 4, 1922—LOT 11 BLK 2616
Buena Vista Ave bet. Upper Ter-
race and Java Blk 5, Flint Tract.
M H Williams to Olson & Sund-
quist.....Nov. 27, 1922
Dec. 4, 1922—N HOWARD 325 E
Second 55-1x30 No. 554 Howard.
Bothin Real Estate Co to Adam
Arras Co.....Dec. 1, 1922
Dec. 4, 1922—N UNION 150 W Tay-
lor 25x137-6. N Ponzini to J Mar-
tinelli.....Dec. 4, 1922
Dec. 4, 1922—E FORTY-FOURTH AV
160 S Cabrillo S 25x120. David
Leigh to whom it may concern.....
Dec. 4, 1922
Dec. 4, 1922—E FORTY-FOURTH AV
135 S Cabrillo S 25x120. David
Leigh to whom it may concern.....
Dec. 4, 1922
Dec. 5, 1922—W THIRTY-THIRD AV
50 S Lincoln Way S 25xW 90.
Christine G Barr to Gustaf Heden
.....Nov. 28, 1922
Dec. 5, 1922—S GEARY 186-3 W
Leavenworth W 48-9xS 137-6. S
Rouda to Monahan & Slavin, C W
Withington, Gilley Schmid Co and
American Elec Eng Co.....Dec. 1, 1922
Dec. 6, 1922—NW LAKE AND 26th
AVE W 32-6xN 100. Fred Ander-
son and Ivan D Sellman to whom
it may concern.....Dec. 4, 1922
Dec. 6, 1922—E OTIS AND NW Mis-
sion N 311-8xS SE 92 SW 25-3xS.
Paehle Embroidery Co to whom it
may concern.....Dec. 1, 1922
Dec. 6, 1922—W SEVENTEENTH AV
300 N Fulton 25x120. A M McLean
to P A McLean.....Dec. 6, 1922
Dec. 6, 1922—S CALIFORNIA 91-8
E Front E 45-10xS 137-6. Provid-
ent Securities Co to W T Com-
mary.....Nov. 28, 1922
Dec. 6, 1922—SE ELLIS & LEAVEN-
worth S 65-6xS 85-6. Leon A
Kutner and Philip Gordon to whom
it may concern.....Dec. 1, 1922
Dec. 7, 1922—120x100 ON N GEARY
57 W Parker Ave. F D Harter.....
to whom it may concern.....
Dec. 7, 1922—S GEARY 32-6 E Second
AVE E 25xS 100. Elias J Wade
to whom it may concern.....Dec. 7, 1922
Dec. 7, 1922—N SUNNYSIDE AVE 180
E Edna E 30xN 100. Victor Holm-
gren & Victor Bjorkman to whom
it may concern.....Dec. 7, 1922
Dec. 7, 1922—TWELFTH bet. How-
ard and Folsom No. 248 12th St.
La Grande Laundry Co to Adam
Arras Co.....Dec. 2, 1922
Dec. 7, 1922—LOT 12 BLK 3110
Westwood Park. Hans and Esther
E Nelson to whom it may concern
.....Dec. 4, 1922

Dec. 7, 1922—SE LISBON 225 SW
Italy SW 25xSE 100. Patrick
Horgan to whom it may concern.....
Dec. 7, 1922
Dec. 7, 1922—SE LISBON 200 SW
Italy Ave SW 25xSE 100. Patrick
Horgan to whom it may concern.....
Dec. 7, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
Dec. 2, 1922—N TARAVAL 25 W 36th AVE N 125 W 25 S Taraval E 25. M G Peck vs Otto Schimmel, The Peerless Constr Co and D E Hic- kson	\$178
Dec. 2, 1922—N TARAVAL 25 W 36th AVE W 35-8xN 90. Christenson Lumber Co vs Otto Schimmel.....	\$432.49
Dec. 2, 1922—SW SAN BRUNO AVE 33-75 SE Richard SE 25 SW 103-60 W 25 NE 101-20. Carl Frank vs Giavanni Cangeliano and Concetta Cangeliano	\$250
Dec. 2, 1922—LOT 14 BLK 3151 Bal- boa Terrace. T H Clancy vs Cress & Trobeck and Henrietta Schulken	\$34.50
Dec. 1, 1922—W FOURTEENTH AVE 75 S Cabrillo S 25xW 100. Fope & Talbot vs Harry E Walsh and Harry P Moran.....	\$1755.83
Dec. 4, 1922—W FOURTEENTH AV 75 S Cabrillo S 25xW 100. Holmes Planning Mill Co vs Harry E Walsh and Harry Moran	\$802.70
Dec. 4, 1922—S McALLISTER 137-6 W Duchanan W 53-9xS 137-6. E T Dawson vs Eugene Ceriat and C E Reinhart as Trustees for George M Merritt	\$150
Dec. 5, 1922—S CRESCENT AVE 32-6 E Bache E 50xS 75. H S Thomp- son vs John H and Madgalena Mueller	\$278.74
Dec. 6, 1922—N HAYES 75-5 W Webster W 26xN 100. L N Wise vs Eugene and Josephine Corst.....	\$262
Dec. 6, 1922—W FOURTEENTH AV 75 S Cabrillo S 25xW 100. W P Goss vs Harry E Walsh and Harry Moran	\$950

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
Dec. 4, 1922—W TWENTY-SIXTH AVE 248 N Clement N 25xW 120. Joost Bros to R C Holm.....	

Notice of Non Responsibility

SAN FRANCISCO COUNTY

Dec. 5, 1922—W THIRD 125 S Fol-
som S 25xW 80. Maurice Abraham
as to improvements on property..
Dec. 7, 1922—SE MARKET 150 NE
Fourth N 50 SE 100 NE 100 SE
70 SW 150 NW 170. English in-
vestment Co as to improvements
on property

ROAD

SAN FRANCISCO COUNTY

Dec. 4, 1922—W BRUSSELS 100 S
Bacon. Grace English Evangelical
Lutheran Church with Foy & John-
son, Sures, Mary Foy & Mollie
E Johnson. Bond \$3144.

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.		Contractor	Amt.
5178	Brooks	Brooks	3200
5179	Turner	Conner	25000
5180	Digerness	Owner	3000

5181 Schultz	Petersen	1500	Owner—W. E. Brooks, 517 Me St., Val-	Owner—The Ambassador Realty Co.,
5182 Ney	Owner	2500	lejo.	Oakland.
5183 Hamilton	Sydes	1800	Architect—None.	Architect—Chas. W. McCall and Chas.
5184 Jordon	Story	1800	Contractor—Brooks Bishop Colby, 2908	T. Davis, Central Bank Bldg., Okd.
5185 Jackson	Dolan	3985	Ellsworth, Berkeley.	Contractor—J. Catucci, 1212 18th Ave.
5186 Havilla	Murray	2000		Oakland.
5187 Zwalis	Zwalis	2000		Filed Nov. 29, '22. Dated Nov. 24, '22.
5188 Graham	Owner	3000	STORIES	On 1st and 15th of each month 75%.
5189 McIntier	Owner	3400	(5178) 2323-35-37-39-41-43 Shattuck,	Usual 35 days..... 25%
5190 Ambassador	Catucci	1828	Berkeley. 1-story brick stores.	TOTAL COST, \$1828
5191 Nathanson	Stanley	1000	Owner—T. C. Turner.	Bond, \$914. Surety, Fidelity & Casu-
5192 Traynham	Barr	7157	Architect—Julia Morgan, Merchants	alty Co. Limit, 9 days. Forfeit, \$10.
5193 Philip	Wieben	2500	Exchange Bldg., S. F.	Plans and specifications filed.
5194 McChesney	Owner	24000	Contractor—Conner & Conner, 1733	
5195 Hillen	Owner	22500	Francisco St., Berkeley.	\$25,000
5196 Same	Same	31500		
5197 Same	Same	27000	DWELLING	
5198 Colonial	Vulcan	7485	(5180) 1735 AUSEON AVE., Oakland.	
5199 Lewis	Damgaard	4500	1-story 5-room dwelling.	
5200 Calif	Bartlett	9000	Owner—J. Digerness, 1711 Sherman St.	
5201 Hunter	Owner	5500	Alameda.	
5202 Fessender	Owner	2600	Architect—None.	\$3000
5203 Smith	Owner	7000	ADDITION	
5204 Lyman	Smith	1000	(5181) 4218 BROADWAY, Oakland.	
5205 Sweet	Smith	2000	Addition.	
5206 Trachmell	Hurks	5000	Owner—J. L. Schnitz, 4246 Broadway.	
5207 Sweet	Smith	2000	Oakland.	
5208 Reeves	Ward	2500	Architect—None.	
5209 Reeves	Ward	2500	Contractor—F. Petersen, 4456 Terrace	
5210 Johnson	Johnson	3500	St., Oakland.	\$1500
5211 Walker	Geary	6450		
5212 Mendosa	Henas	2750	DWELLING	
5213 Hebers	Walker	3000.00	(5182) 827 E-TWENTY-EIGHTH ST.,	
5214 Nelson	Hughes	3420	Oakland. 1-story 4-room dwelling.	
5215 Hare	Rogers	1200	Owner—L. W. Ney, 2968 Park Blvd.,	
5216 Gonsalves	Owner	3000	Oakland.	
5217 Martin	Silver	3000	Architect—None.	\$500
5218 Sigwald	Owner	3500		
5219 Reeves	Ward	2500	DWELLING	
5220 Seybold	Lehman	1050	(5183) 2118 FORTIETH AVE., Oak-	
5221 Haude	Ludwig	5000	land. 1-story 3-room dwelling.	
5222 Frankel	Peterson	3000	Owner—E. G. Hamilton, 2120 40th Ave.	
5223 Mantell	Greene	2945	Oakland.	
5224 Cavillo	Vaughn	4950	Architect—None.	
5225 Jinleye	Fish	1037	Contractor—E. C. Sydes, 3015 Minna	
5226 Samson	Randlett	4850	Ave., Oakland.	\$1800
5227 Smith	Henderson	2750	ADDITION	
5228 Same	Same	6500	(5184) 1615 FOURTEENTH AVENUE	
5229 Pacific	Enrenpfort	7500	Oakland. Addition.	
5230 Town	Dawson	1000	Owner—Frank C. Jordon.	
5231 Bohannon	Owner	3500	Architect—None.	
5232 Musgrove	Bitz	2900	Contractor—M. L. Story, 1351 60th Ave.,	
5233 Mantell	Ahnfeldt	5000	Oakland.	\$1800
5234 Bailey	Blucher	7600		
5235 Spear	California	14000	DWELLING	
5236 Baker	Owner	5900	(5185) 692 MIRA VISTA, Oakland. 1-	
5237 Williamson	Owner	10000	story 5-room dwelling.	
5238 Turner	Owner	3000	Owner—E. C. Jackson, 1422 San Pablo,	
5239 Glazier	Owner	25000	Oakland.	
5240 Feigenberg	Owner	3800	Architect—None.	
5241 Brown	Owner	3000	Contractor—Leo J. Dolan, Syndicate	
5242 McDonough	Hancock	8550	Bldg., Oakland.	\$3985
5243 Larmer	Owner	5000		
5244 Furrer	Greene	3000	DWELLING	
5245 Marquis	Owner	2200	(5186) W NINETY-SIXTH AVE. 150	
5246 Hewitt	Hewitt	4000	N Birch, Oakland. 1-story 4-room	
5247 Marquis	Owner	13200	dwellg.	
5248 Tellos	Noziz	4325	Owner—Francis Ravilla, 1642 96th Ave.	
5249 Davis	Owner	3400	Oakland.	
5250 Phillips	Whitford	6000	Architect—None.	
5251 Bailey	Blucher	7775	Contractor—C. M. Murray, 1642 96th	
5252 Anderson	Malstrom	2000	Ave., Oakland.	\$2900
5253 Harms	MacGregor	3500		
5254 Silva	Davis	2300	DWELLING	
5255 Johnson	Kingree	1200	(5187) 1033 NINETEETH AVE., Oak-	
5256 Johnson	Gibson	1000	land. 1-story 5-room dwelling.	
5257 Lamore	Bell	5000	Owner—Jane Zwalis, 322 14th St., S. F.	
5258 Harms	MacGregor	3400	Architect—None.	
5259 Harms	MacGregor	2400	Contractor—Jos. Zwalis.	\$2000
5260 Leonardo	Owner	1750		
5261 Mangalin	Mangalin	1500	DWELLING	
5262 Shecis	Owner	1800	(5188) 2740 SEVENTY-SEVENTH AV.	
5263 Medina	Smith	4000	Oakland. 1-story 5-room dwelling.	
5264 Bolger	Owner	2000	Owner—Leo S. Graham, 2442 23rd Ave.,	
5265 Ahlman	Owner	2000	Oakland.	
5266 Henneman	Owner	4000	Architect—None.	\$3000
5267 Sayers	Webb	11000		
5268 Liedecker	Carlson	2500	DWELLING	
5269 Nelson	Owner	4000	(5189) 2120 TWELFTH AVE., Oakland	
5270 Hill	Owner	3000	1-story 5-room dwelling.	
5271 Fabiola	Picard	4226	Owner—H. W. McIntier, 1528 Franklin	
5272 Gallison	Allen	1454	St., Oakland.	
5273 Bangs	Allen	2000	Architect—None.	\$3400
5274 Sorensen	Anderson	3000		
5275 University	Kulchar	65000	EXCAVATION, ETC.	
5276 Leithman	Leithman	1000	(5190) N SEVENTEENTH ST. 100 E	

DWELLING
(5178) 1516 LINCOLN, Berkeley. One-
story 5-room dwelling.

Excavation and footings.

Bond, none. Limit, as soon as possible.
Forfeit, none. Plans and specifications
filed

TOTAL COST, \$7485

BUILDING
(5199) LOT 2 BLK 11, Melrose Heights subdivision, Oakland. Building.
Owner—Clen H Lewis and Geo. Lewis.
Architect—None.
Contractor—S. Damguard, 1352 89th Ave., Oakland.
Filed Dec. 2, '22. Dated Dec. 2, '22.
Frame up\$1125
1st coat plaster on 1125
Finished 1125
Usual 35 days 1125
TOTAL COST, \$4500
Bond, none. Limit, forfeit, plans and specifications, none.

DWELLING
(5200) N DERRY 190 W Claremont, Berkeley. Two-story 7-room dwlg.
Owner—State of California.
Architect—None.
Contractor—John M. Bartlett, 1706 Parker St., Berkeley. \$9000

DWELLING
(5201) NO. 1912 MONTEREY, Berkeley. One-story 6-room dwelling and garage.
Owner—S. M. Hunter, 2103 Woolsey St., Berkeley.
Architect—H. E. Forward, 103 Walworth Ave., Berkeley. \$5500

DWELLING
(5202) NO. 2133 SACRAMENTO ST., Berkeley. One-story 4-room dwlg.
Owner—C. L. Fessender, 2137 Sacramento St., Berkeley. \$2600
Architect—None.

DWELLING
(5203) S CAVANAUGH ROAD 300 E Mather Rd Oakland. 2-story 6-room dwelling.
Owner—C. W. Smith, 414 13th St., Okd.
Architect—Miller & Warnecke, 414 13th St., Oakland. \$7000

DWELLINGS
(5204) 1456 and 1476 EIGHTY-FIRST Ave., Oakland. 2 1-story 4-room dwellings.
Owner—F. J. Lyman, 3751 Broadway, Oakland.
Architect—None.
Contractor—R. A. Smith, 3145 Adeline, Oakland. \$2000 ea.

DWELLING
(5205) S W COR EIGHTY-SEVENTH Ave. and Holly St., Oakland. 1-story 4-room dwelling.
Owner—B. M. Sweet, 324 40th St., Okd.
Architect—None.
Contractor—R. A. Smith, 3145 Adeline St., Oakland. \$2000

DWELLING
(5206) E EIGHTY-EIGHTH AVE 220 N Holly St., Oakland. 1-story 5-room dwelling.
Owner—R. M. Trachemell.
Architect—None.
Contractor—C. E. Burks, 4129 Randolph Ave., Oakland. \$3000

DWELLING
(5207) N E COR EIGHTY-SEVENTH Ave. and Birch, Oakland. 1-story 4-room dwelling.
Owner—B. M. Sweet, 324 40th St., Okd.
Architect—None.
Contractor—R. A. Smith, 3145 Adeline St., Oakland. \$2000

DWELLING
(5208) W FOURTEENTH AVE 40 S E-21st St., Oakland. 1-story 5-room dwelling.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None.
Contractor—Percy Ward, 4016 Lyon Ave., Oakland. \$2500

DWELLING
(5209) S W COR. FOURTEENTH AVE and E-21st St., Oakland. 1-story 5-room dwelling.

Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None.
Contractor—Percy Ward, 4016 Lyon Ave., Oakland. \$2500

DWELLING
(5210) 415 HADDON RD., Oakland. 1-story 5-room dwelling.
Owner—E. Johnson, 223 Greenbank Av., Oakland.
Architect—None.
Contractor—L. Johnson & Son, 223 Greenback Ave., Oakland. \$3500

DWELLING
(5211) E HEARN ST 290 S Chabot Rd., Oakland. 1-story 7-room dwelling.
Owner—W. P. Walker, 679 26th St., Okd.
Architect—None.
Contractor—L. G. Geary, 524 58th St., Oakland. \$6450

DWELLING
(5212) N HARMON AVE 400 E-57th Ave., Oakland. 1-story 5-room dwlg.
Owner—Mrs. Joe Mendoza, 5744 Harmon Ave., Oakland.
Architect—None.
Contractor—Jos. A. Henas, 6222 Arthur St., Oakland. \$2750

BUILDING
(5213) W HARRISON ST. bet. 8th and 9th Sts., Oakland. 3-story steel, brick and conc. stores, office and garage.
Owner—Hebern Electric Code Co., Inc. Bank of Italy Bldg., Oakland.
Architect—Reed & Corlett, Oakland Bank Bldg., Oakland.
Contractor—P. J. Walker, Sharon Bldg., San Francisco. \$300,000

DWELLING
(5214) W NINTH AVE. 60 S E-21st St., Oakland. 1-story 5-room residence.
Owner—J. D. Nelson, 415 15th St., Okd.
Architect—None.
Contractor—C. E. Hughes, 6330 Camden St., Oakland. \$3420

DWELLING
(5215) S SIXTEENTH ST 100 W Adeline, Oakland. 1-story 3-room dwelling.
Owner—Ella R. Hare, 861 60th St., Okd.
Architect—None.
Contractor—C. V. Rogers, 865 60th St., Oakland. \$1200

DWELLING
(5216) 2462 SIXTY-FIRST AVE., Oakland. 1-story 5-room dwelling.
Owner—A. M. Gonsalves, 2556 61st Ave., Oakland.
Architect—None. \$3000

DWELLING
(5217) N E-THIRTY-FOURTH ST 200 E-19th Ave., Oakland. 1-story 5-room dwelling.
Owner—Lawrence Martin, 1924 E-24th St., Oakland.
Architect—None.
Contractor—J. W. Silver, 2709 Encinal Ave., Alameda. \$3000

DWELLING
(5218) W THIRTY-EIGHTH AVE. 183 S Lyon, Oakland. 1-story 5-room dwelling.
Owner—J. W. Sigwald, 3527 Agua Vista Ave., Oakland.
Architect—None. \$3500

DWELLING
(5219) S E-TWENTY-FIRST ST. 84 W 14th Ave., Oakland. 1-story 5-room dwelling.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None.
Contractor—Percy Ward, 4016 Lyon Ave., Oakland. \$2500

DWELLING
(5220) 1027 THIRTY-EIGHTH ST., Oakland. 1-story 2-room dwelling.
Owner—H. B. Seybold, 1006 Apgar St., Oakland.

Architect—None.
Contractor—J. Lehman, 858 Apgar St., Oakland. \$1050

DWELLING
(5221) EXCELSIOR AND WESLEY Aves., Oakland. Complete one-story reinforced concrete dwlg.
Owner—A. A. and Mamie A. Handle, 1921 Home St., Oakland.
Architect—T. L. Lenzen, Humboldt Bk. Bldg., San Francisco.
Contractor—Herman T. Ludwig, 66 Farrallones St., San Francisco.
Filed Dec. 4, '22. Dated Oct. 10, '22.
Plastered\$ 500
Mill work in place 750
Completed and accepted 1000
Usual 35 days 1043
Note for 1707
TOTAL COST, \$5000

Bond, \$3500. Surety, Fidelity & Deposit Co. Limit, 45 days from Nov. 1. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(5222) E CASTRO ST. bet. A and B Sts., Hayward. All work except heating and ventilating, painting and decorating, marquis and frame, finish hardware, electric fixtures, slats and finishings, picture screen and organ for alterations to theatre.
Owner—S. Frankel and J. Horwitz, Hayward.
Architect—Reed & Corlett, Oakland Bk. Bldg., Oakland.
Contractor—Geo. Peterson, San Leandro.

Filed Dec. 4, '22. Dated Oct. 30, '22.
TOTAL COST, not over \$13,000; contractor gets 5%
Bond, limit, forfeit, none. Plans and specifications, filed.

ADDITION
(5223) NO. 5419 BOULEVARD, Oakland. All work for addition to dwelling.
Owner—A. J. Furrer, 5419 Boulevard, Oakland.
Architect—J. Cather Newsom, Syndicate Bldg., Oakland.
Contractor—S. A. Greene, 510 28th St., Oakland.

Filed Dec. 4, '22. Dated Dec. 2, '22.
Frame up to plate line\$300
Enclosed 500
Brown coated 500
Completed and accepted 395
Usual 35 days 750
TOTAL COST, \$2945
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

DWELLING
(5224) NO. 5315 MILES AVE., Oakland. All work for one-story six-room dwelling.
Owner—Mary Caviero, Premises.
Architect—None.
Contractor—W. T. Vaughn, 381 51st St., Oakland.

Filed Dec. 4, '22. Dated Nov. 28, '22.
1st floor laid ¼
Ready for plaster ¼
Trim delivered ¼
Completed ¼
TOTAL COST, \$4960
Bond, none. Limit, 90 days from Dec. 1. Forfeit, none. Plans and specifications none.

REPAIRS
(5225) NO. 1533 PACIFIC, Alameda. Repairs.
Owner—E. J. Jinlyee.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. \$1037

DWELLING
(5226) NO. 1333 WEBER ST., Alameda. One-story 5-room dwlg.
Owner—Grace Samson.
Architect—None.
Contractor—E. A. Randlett, 1534 Chestnut St., Alameda. \$4850

DWELLING

(5227) NO. 1222 WALNUT ST., Alameda. One-story 4-room dwelling
Owner—C. O. Smith.
Architect—None.
Contractor—E. P. Henderson, 5744 Keith Ave., Oakland. \$2750

DWELLING

(5228) NO. 1226 WALNUT ST., Alameda. Eight-room dwelling.
Owner—C. O. Smith.
Architect—None.
Contractor—E. P. Henderson, 5744 Keith Ave., Oakland. \$5500

WAREHOUSE

(5229) SECOND AND BRISTOL STS., Berkeley. One and one-half-story brick warehouse.
Owner—Pacific Guano Fertilizer, Frem
Architect—None.
Contractor—A. T. Enrenpfort, 671 Alcatraz Ave., Oakland. \$7500

ALTERATIONS

(5230) NO. 2401 DWIGHT WAY, Berkeley. Alterations.
Owner—Town & Gown Club, Prem.
Architect—None.
Contractor—J. Dawson, 1136 Sutter St., Berkeley. \$1000

DWELLING

(5231) NO. 2322 EDWARDS, Berkeley One-story 5-room dwelling.
Owner—W. H. Bohannon, 2220 Sacramento St., Berkeley.
Architect—None. \$3500

ALTERATIONS

(5232) NO. 1615 EUCLID AVE., Berkeley. Alterations and additions.
Owner—Mrs. Musgrove, Premises.
Architect—None.
Contractor—C. G. Bitz, 1535 Delaware St., Berkeley. \$2000

DWELLING

(5233) NO. 1119 HEARST AVE., Berkeley. One-story 6-room dwelling
Owner—Henry Mantell.
Architect—None.
Contractor—Harry Ahnefeld, 2123 Parker St., Berkeley. \$5000

DWELLING

(5234) NO. 2011 LOS ANGELES ST., Berkeley. Two-story 6-room dwlg.
Owner—R. J. Bailey, 2136 Eunice St., Berkeley.
Architect—None.
Contractor—Blucher Bros., 451 Van Dyke Ave., Oakland. \$7600

FLATS

(5235) NO. 2200-02-04-06 McKINLEY Ave., Berkeley. Two-story 16-room flats.
Owner—F. W. Spear.
Architect—None.
Contractor—California Builders Co., 1534 Franklin St., Oakland. \$14,000

DWELLING

(5236) NO. 1635 SAN LORENZO ST., Berkeley. One-story 7-room dwlg.
Owner—E. R. Baker, 2232 11th Ave., Oakland.
Architect—None. \$5900

DWELLINGS

(5237) NO. 2431-35-39-43 SACRAMENTO ST., Berkeley. Four one-story 5 room dwellings.
Owner—L. M. Williamson, Walnut Creek, Calif.
Architect—None. \$2500 each

DWELLING

(5238) E AUSEON AVE 150 N Birch, Oakland. One-story 5-room dwlg.
Owner—Fred G. Turner, 4521 Virginia St., Oakland.
Architect—None. \$3000

APARTMENTS

(5239) W BEACON 120 S Excelsior, Oakland. Two-story 15-room apartments.
Owner—A. B. Glazier, 1st National Bk. Bldg., Oakland.
Architect—None. \$25,000

DWELLING

(5240) E CONGRESS 280 N Ygnacio, Oakland. One-story 6-room dwlg.
Owner—M. Feigenberg, 1215 44th Ave., Oakland.
Architect—None. \$3800

DWELLING

(5241) NO. 1421 EXCELSIOR AVE., Oakland. One-story 5-room dwlg.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None.

DWELLINGS

(5242) N EXCELSIOR 200 and 230 W Fourteenth Ave., Oakland. Two one-story 5-room dwellings.
Owner—Georgianna McDonough, 137 E-38th St., Oakland.
Architect—None.
Contractor—E. E. Haneock, 3837 Park Blvd., Oakland. \$4275 each

STORES

(5243) N E-EIGHTEENTH 100 W 4th Ave., Oakland. One-story frame stores.
Owner—Edw. Larmer, 90 Fairview Ave. Piedmont.
Architect—None. \$5000

(5244) 5419 FOOTHILL BLVD, Oakland. Alter and addition.
Owner—A. J. Furrer.
Architect—None.
Contractor—S. A. Greene, 510 28th St., Oakland. \$3000

DWELLING

(5245) 1962 HARRINGTON, Oakland. One-story 4-room dwelling.
Owner—E. M. Marquis, 2827 Russell, Berkeley.
Architect—None. \$2200

DWELLING

(5246) 1308-10 NINETY-SECOND AVE Oakland. 1-story 6-room frame dwelling.
Owner—A. I. Hewitt, 8821 E-14th St., Oakland.
Architect—None.
Contractor—C. L. Hewitt, Okd. \$4000

DWELLINGS

(5247) 3700, 3704, 3708, 3712, 3716, 3720 San Juan, Oakland. 6 1-story 4-rm. dwellings.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. \$2200 each

DWELLING

(5248) N E-SIXTEENTH ST. 73 E 33 Ave., Oakland. 1-story 5-room dwlg
Owner—John J. Tellos, 2118 88th Ave., Oakland.
Architect—None.
Contractor—C. G. Mouiz, 2854 E-9th St., Oakland. \$4225

DWELLING

(5249) E WILSON AVE 180 N Hopkins Oakland. 1-story 5-room dwelling.
Owner—Geo. B. Davis, 3283 Hyde St., Oakland.
Architect—None. \$3400

FLATS

(5250) S FORTY-FIRST ST. 240 W Webster, Oakland. 2-story 8-room flats.
Owner—T. F. Phillips, 522 30th St., Okd
Architect—None.
Contractor—W. T. Whitford, 421 42nd St., Oakland. \$6600

DWELLING

(5251) LOT 3 BLK 3 MAP BERKELEY Heights, Berkeley. 7-room dwelling
Owner—Robert J and Luella L. Bailey,
Architect—None.
Contractor—Blucher Bros., 451 Van Dyke Ave., Oakland.

Filed Dec. 4, 1922. Dated Nov. —, Frame up 1/4
Brown Coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$7775

Bond, none; Sureties, none; Forfeited, none; Limit, without delay; Specifications filed.

DWELLING

(5252) S BROOKDALE AV. 400 E Persalta, Oakland. 1-story 4-room dwlg.
Owner—A. Anderson, 3235 Brookdale Ave., Oakland.
Architect—None.
Contractor—J. E. Malstrom, 2326 27th Ave., Oakland. \$2000

DWELLING

(5253) 2500 E TWENTY-EIGHTH ST., Oakland. 1-story 6-room dwelling.
Owner—H. W. Harms, 2516 E 28th St., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. \$3500

DWELLING

(5254) 1958 EIGHTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling.
Owner—Margureta Silva, 3908 Holly St., Oakland.
Architect—None.
Contractor—Davis & McCord, San Leandro. \$2300

ALTERATIONS

(5255) 1175 EXCELSIOR AVE. Oakland. Alterations.
Owner—W. Johnson, Oakland.
Architect—None.
Contractor—J. T. Kingree, 4116 Terrace St., Oakland. \$1200

DWELLING

(5256) 1119 FIFTY-EIGHTH AVENUE Oakland. 1-story 3-room dwelling.
Owner—Geo. Johnson, 2615 Humboldt, Oakland.
Architect—None.
Contractor—S. Gibson, 2608 Humboldt, Oakland. \$1500

DWELLING

(5257) E-FORTY-SEVENTH AVE 165 N Foothill Blvd., Oakland. 1-story 6-room dwelling.
Owner—J. V. Lamore, 2421 47th Ave., Oakland.
Architect—None.
Contractor—W. B. Bell, 2421 47th Ave., Oakland. \$5000

DWELLING

(5258) 2791 GARDEN ST., Oakland. 1-story 6-room dwelling.
Owner—H. W. Harms, 2516 E-28th St., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. \$3400

DWELLING

(5259) 2755 GARDEN ST., Oakland. 1-story 6-room dwelling.
Owner—H. W. Harms, 2516 E 28th St., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. \$3400

DWELLING

(5260) 1271 EIGHTY-FOURTH AVE., Oakland. 1-story 5-room dwelling.
Owner—J. Leonardo, 844 52nd St., Okd.
Architect—None. \$1750

DWELLING

(5261) N EDES ST., bet. Douglas and Hale, Oakland. 1-story 4-room dwlg
Owner—Mrs. N. Mangalin, 2024 14th Ave., Oakland.
Architect—None.
Contractor—M. Mangalin, 2024 14th Ave., Oakland. \$1500

DWELLING

(5262) 2317 EASTMAN AVE., Oakland. 1-story 5-room dwelling.
Owner—Wm. Sheets, 2710 Viola St., Oakland.
Architect—None. \$1900

GARAGE
(5263) N E-FOURTEENTH ST. 40 W
37th Ave. Oakland. 1-story concrete garage.
Owner—M. J. Medina, 1507 33rd ave., Oakland.
Architect—None.
Contractor—Geo. Smith, 3315 E-23rd St., Oakland. \$4000

DWELLING
(5264) E ONE HUNDREDTH AVE 37
N Walnut, Oakland. 1-story 4-room dwelling.
Owner—Thos. P. Bolger, 1260 102rd Av. Oakland.
Architect—None. \$2000

DWELLING
(5265) E ONE HUNDRED FOURTH
Ave. 300 N E-14th St. Oakland. 1-story 4-room dwelling.
Owner—J. T. Ahlman, 1736 104th Ave., Oakland.
Architect—None. \$2000

DWELLING
(5266) N UNION ST. 100 E Warfield,
Oakland. 1-story 6-room dwelling.
Owner—Edwin A. Henneman, 350 63rd St., Oakland.
Architect—None. \$1000

APARTMENTS
(5267) N W COR PENNIMAN and 38th
Ave., Oakland. 2-story frame store and apartments.
Owner—Walter Sayers, 3004 58th ave., Oakland.
Architect—None.
Contractor—Thos. W. Webb, 4663 Fair Ave., Oakland. \$11,000

DWELLING
(5268) N RUSTIC RD. 1000 E 35th Ave
Oakland. 1-story 5-room dwelling.
Owner—C. Liedecker, 2427 36th Ave., Oakland.
Architect—None.
Contractor—C. A. Carlson. \$2500

DWELLING
(5269) N W COR SUNSET AVE and E-
29th St., Oakland. 1-story 8-room
2-family dwelling.
Owner—E. J. Neilson, 2683 Fruitvale
Ave., Oakland.
Architect—None. \$4000

DWELLING
(5270) W SIXTIETH AVE 120 S Fort-
tune Way, Oakland. 1-story 5-room
dwelling.
Owner—Hill & Walters, 1600 High St.,
Oakland.
Architect—None. \$3000

HEATING SYSTEM
(5271) E HOWE in Block N Moss Ave.,
Oakland. Heating system for
nurses' home.
Owner—Fabiola Hospital Association,
Moss Ave. and Broadway, Okd.
Architect—None.
Contractor—W. H. Picard, 5656 College
Ave., Piedmont.
Filed Dec. 6, '22. Dated Nov. 27, '22.
10th day of each month. 75%
Usual 35 days. TOTAL COST, \$4220
Bond, \$2110. Surety, National Surety
Co. Limit, 45 days. Forfeited, \$25.
Plans and specifications filed.

(5272) NO. 2821 CHERRY ST. Ber-
keley. Fire repairs.
Owner—Dr. F. E. Gallison, Premises.
Architect—None.
Contractor—F. E. Allen, 2718 Regent
St., Berkeley. \$1485

REPAIRS
(5273) NO. 2706 REGENT ST., Ber-
keley. Fire repairs.
Owner—A. E. Bangs, 2710 Regent St.,
Berkeley.
Architect—None.
Contractor—F. E. Allen, 2718 Regent
St., Berkeley. \$2000

DWELLING
(5274) NO. 3234 DELAWARE ST.,
Oakland. One-story 5-room dwlg.
Owner—Chas. Sorensen, 3216 Delaware
St., Oakland.
Architect—None.
Contractor—A. Anderson, 3027 Florida
St., Oakland. \$3000

ALTERATIONS
(5275) SW FOURTEENTH & WASH-
ington, Oakland. Alterations and
additions to brick and steel office
building.
Owner—University Investment Co.
Architect—None.
Contractor—S. Kulchar Co., 8th Ave.
and E-10th St., Okd. \$65,000

ADDITION
(5276) NO. 2627 HAROLD ST., Oak-
land. Addition.
Owner—Margaret Leithman, 2621 Har-
old St., Oakland.
Architect—None.
Contractor—J. A. Leithman. \$1000

DWELLING
NO. 255 FOOTHILL BLVD., Oakland.
One-story 5-room dwelling.
Owner—C. H. Lewes, Oakland.
Architect—None.
Contractor—S. Damgaard, 1352 84th
Ave., Oakland. \$4000
NOTE—Recorded contract reported
Dec. 4, 1922, No. 5199.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded	Accepted
Nov. 29, 1922—LOT 12 BLK 6, Map Northbrae, Berkeley. Karl Fristedt to whom it may concern.....	Nov. 27, 1922
Nov. 29, 1922—LOT 28, Eaton Ave., Berkeley. W G and M Myrtle Chamberlain to M E Hopper & Son.....	Nov. 28, 1922
Dec. 1, 1922—LOT 105 BLK 107 Oak Park Tract, Oakland. Jennie I Hollenbeck to G B Hollenbeck.....	Dec. 1, 1922
Dec. 1, 1922—S HOPKINS 100 E. McCee, Berkeley. Robt C and Otella B Felter to C A Doyle.....	Nov. 16, 1922
Dec. 1, 1922—N ROSS bet. Armanio property on East and Davis property on West 227x100, Oakland. Lorena J Edwards to Lawrence L Lucas.....	Nov. 25, 1922
Dec. 1, 1922—W 33-4 OF E 50 LOT 4 Map Brummin Tract situated East Shattuck St. Oakland. James H Young to whom it may concern.....	Nov. 28, 1922
Dec. 2, 1922—LOT 25 BLK D Oakland Highlands, Oakland. C J Rheberg to C J Rheberg.....	Dec. 2, 1922
Dec. 2, 1922—NO. 1507 EXCELSIOR Ave, Oakland. Clara E Rice to whom it may concern.....	Dec. 2, 1922
Dec. 2, 1922—NW 37 1/2 FT. LOT 4 BLK 4, Boulevard Park, Oakland. A B Guhl to Jos Flittner.....	Dec. 1, 1922
Dec. 2, 1922—LOT 23 BLK 6, Dwight Way Terrace, Berkeley. W J McAttee to whom it may concern.....	Dec. 1, 1922
Dec. 2, 1922—S TWENTY-FIFTH 160 E Telegraph Ave., Oakland. C L Miller to G A Scott.....	Nov. 28, 1922
Dec. 4, 1922—NO. 1466 SEVENTY-Third Ave, Oakland. Alfred Johnson to whom it may concern.....	Dec. 1, 1922
Dec. 4, 1922—N TWENTYTH 319.17 W Telegraph Av W 58xN 100, Oakland. Nels Thompson to whom it may concern.....	Dec. 1, 1922
Dec. 4, 1922—LOT 38 Map Wildwood Gardens No. 2, Piedmont. Eleanor Uhl Dowson to Alfred Peterson.....	Nov. 6, 1922
Dec. 4, 1922—LOT 7 BLK 15 Map San Pablo Park, Berkeley. G W Owens to whom it may concern.....	Dec. 4, 1922
Dec. 4, 1922—N THIRTY-THIRD 100 W Telegraph Ave 50x125, Oakland.	
Justus Norris by M G Kendall to California Builders Co. Dec. 2, 1922	
Dec. 4, 1922—N THIRTY-THIRD 150 W Telegraph Ave, 50x125, Oakland.	
Justus Norris by M G Kendall to California Builders Co. Dec. 2, 1922	
Dec. 4, 1922—LOT 5 BLK "E" Sanford Tract, Oakland. Beverly B Hook to H C Tollefsen. Dec. 1, 1922	
Dec. 4, 1922—LOT 14 BLK 5 Map 4th Ave Heights, Oakland. Lea and Harriet Brunquist to H Elmer Johnson.....	Nov. 27, 1922
Dec. 5, 1922—N 1/2 LOT 3 BLK "L" East Piedmont Heights,.....	Henry J Chavez to M P Rose. Dec. 5, 1922
Dec. 5, 1922—LOT 22 BLK "A" Map Lakewood Park, Piedmont. M A Rose to whom it may concern.....	Dec. 5, 1922
Dec. 5, 1922—SW SAN ANTONIO AV and St. Charles S 65xW 126-516, Alameda. H S Pond to Walter Murch.....	Dec. 1, 1922
Dec. 5, 1922—LOT 7 and W 25 Lot 6 Blk A Map Whitney Tract, Berkeley. Estelle S Clark to Lawton & Vezev.....	Nov. 28, 1922
Dec. 6, 1922—LOT 1 BLK 3, Map Berkeley Heights, Berkeley. Hans A Hansson to whom it may concern.....	Dec. 4, 1922
Dec. 6, 1922—LOT 83 Map Oakland Prospect Homestead, Oakland. Joseph C Harding Jr to whom it may concern.....	Dec. 5, 1922
Dec. 6, 1922—LOT 21 BLK "A" Lakeshore Terrace, Oakland. W C Simpson to Harry Schwalm.....	Dec. 6, 1922
Dec. 6, 1922—S FIRST 170 NW Grove SW 250xNW 210.5, Oakland. Pacific Gas & Electric Co to Duncanson-Harrelson Co.....	Dec. 1, 1922
Dec. 6, 1922—LOTS 13 AND 14 BLK "E" Map Santa Fe Tract No. 2, Oakland. Dr. John Irving Vickerson and Julia Strickland Vickerson to Allen J Yerrick.....	Nov. 29, 1922
Dec. 6, 1922—N BERKELEY WAY 75 E California 37.50x90, Berkeley. P E Marquis to whom it may concern.....	Nov. 4, 1922
Dec. 6, 1922—LOT 24 BLK 4 South Lakeshore Glen, Oakland. W J Baker to whom it may concern.....	Dec. 6, 1922
Dec. 6, 1922—LOT 3 BLK 3 Amended Map Thousand Oaks Court, Berkeley. G W Hale to whom it may concern.....	Dec. 6, 1922
Dec. 6, 1922—LOT 35 BLK 6, Berkeley Heights, Berkeley. G W Hale to whom it may concern.....	Dec. 6, 1922
Dec. 6, 1922—W MILVIA 120 S Berryman, S 50xW 135, Berkeley. Leland B and Sadie F Clark to C B and P L Crane.....	Dec. 4, 1922
Dec. 7, 1922—LOT 8 Imperial Hights, Oakland. Charles W Hills to whom it may concern.....	Dec. 7, 1922
Dec. 7, 1922—NO. 220 GRAND AVE., Oakland. W L Mitlick to Leonard H Thomas.....	Dec. 5, 1922
Dec. 7, 1922—(1) WOOLSEY AND Ellsworth; (2) Shattuck Ave near Vine St., Berkeley; (3) California St. Line 61st to Thousand Oaks, Oakland and Berkeley; (4) Ninth St., Albany. Southern Pacific Co to Hutchinson Co.....	Dec. 1, 1922
Dec. 7, 1922—E E-FOURTEENTH 42 N Stanley Ave 210.83x103.75, Oakland. Star Motor Co of California to C O Munson.....	Dec. 1, 1922

LIENS FILED

ALAMEDA COUNTY.

Recorded	Accepted
Dec. 2, 1922—LOT 10 Ptn Lots 5, 6, 8, 9 Blk 10 Map of Pacific Homestead, Oakland, with exception of Lots 5, 7, 8, 9 and 11 Map of resubdiv of Blk 9, Pacific Homestead, Oakland. Laurs H Fahrrecht and L M Reincke vs C C Havens. On a judgment given L M Reincke.....	\$87,900

BUILDING CONTRACTS

SANTA CLARA COUNTY

\$1,000 and Over Reported

HEATING SYSTEM

GILROY. Heating system and boiler room for building.

Owner—Mercantile Trust Co. of California, Gilroy.

Consulting Engineers—Hunter & Hudson, 711 Rialto Bldg., San Francisco.

Contractor—William Radtke, Gilroy.

Filed Nov. 27, '22. Dated Nov. 20, '22.

As work progresses..... 75%

Usual 35 days..... 25%

TOTAL COST, \$4400

Bond, limit, forfeit, none. Plans and specifications filed.

GARDEN LOGGIA

SARATOGA. All work for concrete, cement and wooden garden loggia.

Owner—James D. Phelan, S. F.

Architect—Chas. E. Gottschalk, Phelan Bldg., San Francisco.

Contractor—G. Rogner, San Mateo.

Filed Dec. 2, '22. Dated Nov. 27, '22.

As work progresses..... 75%

Usual 35 days..... 25%

TOTAL COST, \$5175

Bond, none. Limit, 60 working days from Nov. 27, 1922. Forfeit, none.

Plans and specifications filed.

ADDITION, ETC.

SAN JOSE. All work for social hall building and additions and alterations to present Temple bldg.

Owner—The Congregation Bikkur Cholim, San Jose.

Architect—Blinder & Curtis, 255 1/2 S-First St., San Jose.

Contractor—A. H. Petrie, 198 S-Second St., San Jose.

Filed Dec. 4, '22. Dated Dec. 1, '22.

As work progresses..... 75%

Usual 35 days..... 25%

TOTAL COST, \$8635

Bond, \$4317.50. Surety, Anthony Schutte and Chas. A. Payne, Limit, 100 working days from Dec. 4, 1922. Forfeit, none. Plans and specifications filed.

COTTAGE, 5-room, \$1750; State near Oak St., San Jose; owner, Frank Vito, 101 Oak St., San Jose.

COTTAGE, 6-room, \$2450; S Twentieth St. near Santa Clara, San Jose; owner, J. H. Stewart, 24 S-20th St., San Jose.

FLATS, (4), \$11,800; William and Sixth Sts., San Jose; owner, N. O. Bozelle, 502 S-Sixth St., San Jose; contractor, Jorgensen & Thorny, 160 Irving St., San Jose.

COTTAGE, four-room, \$1500; 13th St. near Jackson St., San Jose; owner, G. Dangel.

COTTAGE, 5-room, \$3500; No. 631 N-Thirteenth St., San Jose; owner, Jos. Sunseri, San Jose; architect, S. D. Cole.

COTTAGE, 5-room, \$2800; Spencer and Brown Sts., San Jose; owner, Geo.

Werner; contractor, Jerome Garcia, 1052 S-First St., San Jose.

COTTAGE, six-room, \$3000; Alanta & Delmas Sts., San Jose; owner, Wm. Regel, 428 Atlanta St., San Jose.

ALTER front, etc., \$1500; No. 258 S-First St., San Jose; owner, Sam Alex & Co.; contractor, Globe Mfg. Company.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted

Nov. 24, 1922—SAN JOSE. Shell

Hawley to whom it may concern.....Nov. 24, 1922

Nov. 24, 1922—SAN JOSE. Wm H

Norman to whom it may concern.....Nov. 20, 1922

Nov. 24, 1922—SAN JOSE. Preston H

and Anna Lea Boomer to J Earl

McComb.....Nov. 24, 1922

Nov. 24, 1922—PALO ALTO. Frank

B and Ruth Caine to whom it may

concern.....Sept. 10, 1922

Nov. 27, 1922—NO. 40 CALIFORNIA

St., San Jose. L C Newby to W B

Reese.....Nov. 25, 1922

Nov. 27, 1922—SAN JOSE. Helen R

McCoy to Clyde Alexander.....

.....Nov. 27, 1922

Nov. 28, 1922—SAN JOSE. J Lester

Miller to whom it may concern.....

.....Nov. 28, 1922

Nov. 28, 1922—SAN JOSE. Margaret

J Mason to E E Arnot.....Nov. 28, 1922

Nov. 29, 1922—SAN JOSE. J H

Atkinson & Wm Regel.....Nov. 15, 1922

Nov. 29, 1922—NO. 385 FIFTH ST.,

San Jose. Casmo D'Amico to Carl

Maurer.....Nov. 25, 1922

Dec. 2, 1922—PALO ALTO. Zachariah

G and Frances L Jones to John

Dudheld.....Nov. 25, 1922

Dec. 2, 1922—NO. 902 PALM ST., San

Jose. Antonio Catalano to whom

it may concern.....Nov. 28, 1922

Dec. 2, 1922—SAN JOSE. Western

Pacific Railroad Co to San Jose

Paving Co.....Nov. 24, 1922

Dec. 2, 1922—10 ACRES ON GRANT

Road, part of NE 1/4 of Sec 33, T

6 South, R 2 West M. D. M. A A

Cantin to Carl Lindholm.....

.....Nov. 20, 1922

Dec. 5, 1922—NO. 1170 S-SEVENTH

St., San Jose. Joe Uils to whom it

may concern.....Dec. 5, 1922

Dec. 5, 1922—HESTER PARK, San

Jose. C L McGovern to S S Prouty

.....Nov. 28, 1922

Dec. 5, 1922—SAN JOSE. Pacific Gas

& Electric Co to W Heidt Cornice

Works.....Nov. 26, 1922

Dec. 5, 1922—PALO ALTO. E H

Tucker to whom it may concern.....

.....Nov. 27, 1922

Dec. 5, 1922—SUNNYVALE. E J Mc

Daniel to E J McDaniel.....Nov. 2, 1922

Dec. 5, 1922—NAGLEE PARK, San

Jose. Sarah E Steel to whom it

may concern.....Dec. 5, 1922

Dec. 5, 1922—SAN JOSE. F and

Bertha O Lyne to A H Petrie and

W O Furtwangler.....Dec. 5, 1922

Dec. 6, 1922—GILROY. Maud Phelps

to Palmer & Ehrlich.....Nov. 28, 1922

Dec. 6, 1922—LOTS 5 & 7 Alta Vista

Tract, Santa Clara Co. Sebastiano

Chimenti to whom it may concern

.....Dec. 5, 1922

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount

Nov. 28, 1922—MONTA VISTA. Dud-

ley Sueell (as Walter Sueell &

Son) vs Monta Vista Packing Co.,

.....\$850

Dec. 4, 1922—LOT 10 Harron's Sbdvn

Blk 5, Frevest Survey, San Jose.

Chas L Snyder and A A Du Brutz

(as Snyder & Dubrutz, \$154.75 Hub-

bard & Carmichael Bros, \$89.77 vs

Giuseppe, Rosa and Joe Zanaria..

Dec. 2, 1922—SBDVN A & B LOT 2
Bik 793 Map No. 2, Watts Tract,
Oakland. B W Hanson, \$36; G
Hanson, \$47; W Fridstrom, \$27;
James Russel, \$27; George Reed,
\$36 vs Frank McKale and Mrs A
W Scott.....
Dec. 4, 1922—LOT 2 BLK 66 Map
Subdivision No. 2 of Park Place,
Oakland. Eureka Mill & Lumber
Co vs Anna and Ed Cox.....\$229.90
Dec. 5, 1922—NW E-PITTEENTH &
Eighth Ave N 75xW 59, Oakland.
H Aronson vs Sarah Names.....\$281.16
Dec. 6, 1922—N GLEN AVE 51 E
Spruce, Berkeley, Oakland Wreck-
ing & Mill Co vs L A Manzie and
R Weber.....\$113.90
Dec. 6, 1922—NO. 2947 MAGNOLIA,
Berkeley. Blair & Sons vs D F
Cloud.....\$126.85
Dec. 7, 1922—SW PORTER 110 SE
Thirty-fifth Ave SE 40xSW 191.2,
Oakland. Sunset Lumber Co vs
Peter Bonicelli and W L Howells.....\$847.16

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Dec. 4, 1922—LOT 20 BLK "A" Map

North Cragmont, Berkeley. Rotary

Oil Burner Co, \$100; California

Door Co, \$461.25; E P Tenney

\$291.68; Frank Frieze, \$245; Victor

Devligh, \$295; E K Wood Lumber

Co, \$482.27 to Charles E Arthur

and M E Forward.....

Dec. 6, 1922—W WAREFIELD AVE

250 N Wickson. Contra Costa

Building Materials Co to Geo S

Garcia et al.....\$256.30

OAKLAND BUILDING TOTALS FOR

NOVEMBER, 1922

Classification of	No. of		Cost
Buildings	Permits		
1-story dwellings.....	282	\$	802,300
1-st 2-family dwigs.....	3		18,500
1-st 3-family dwigs.....	1		6,500
1-st dwlg. & store.....	4		15,300
1 1/2-st dwellings.....	5		32,500
2-st dwellings.....	14		101,194
2-st flats.....	9		98,000
2-st apartments.....	12		162,500
2-st apmnts & stores.....	2		26,000
3-st apartments.....	5		106,000
1-st stores.....	4		10,850
1-st boiler.....	1		1,000
1-st greenhouse.....	1		1,400
1-st round house.....	1		2,500
1-st office.....	1		150
1-st forge shop.....	1		6,500
2-st warehouse.....	3		11,900
2-st nurses' home.....	1		19,600
3-st factory.....	1		15,000
1-st steel service stn.....	2		4,400
1-st steel comfort stn.....	1		1,000
1-st brk stores.....	1		26,000
1-st brick garage.....	3		20,777
1-st brk factory.....	1		23,800
1-st brick fire house.....	1		10,900
1-st brick addition.....	1		1,000
2-st brick loft building.....	1		24,000
2-at brick apartments.....	1		15,000
2-st brk & conc school.....	1		658,000
1-st concrete garage.....	2		525
3-st conc convents/eschl.....	1		75,555
1-st tile dwelling.....	1		8,000
1-st tile shed.....	1		1,800
1-st tile addition.....	1		3,800
1-st tile store.....	1		1,500
1-at tile garage.....	3		850
2-st tile apts & stores.....	2		24,000
1-st reinf. conc. bank.....	1		38,775
Electric signs.....	18		4,454
Roof signs.....	1		800
Tank frame.....	1		200
1-st garages & sheds.....	230		60,710
Additions.....	96		64,431
Alterations & repairs.....	130		76,995
Total.....	853	\$2,584,752	

SUMMARY

New construction..... 732

Alterations & repairs..... 120

Total..... 853

\$2,584,762

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Nevada City, Reno

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ROSS E. PIERCE, Manager

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BUILDING CONTRACTS

SAN JOAQUIN COUNTY

\$2500 and Over Reported

LODGE ROOMS, \$25,000; No. 112 S-American St., Stockton; owner, Triolo & Calemst, 36 S-California St., San Jose.

ADDITION, \$41,000; No. 902 W-Church St., Stockton; owner, National Paper Products Co., Premises.

RESIDENCE, \$3500; No. 1529 N-Commerce St., Stockton; owner, Eva Collins, 1556 S-San Joaquin St., Stockton.

RESIDENCE and garage, \$16,685; Lots 6 and 8 15 feet Lot 7 Blk "B" Bours Tract, Stockton; owner, F. Roberts, 47 West Ross St., Stockton; owner, O. H. Chain, Farmers & Merchants Bldg., Stockton; Limit, 90 working days.

LIENS FILED

SAN JOAQUIN COUNTY

Recorded	Amount
Dec. 1, 1922—LOT 5 BLK 17, Homestead Addition, Stockton. Simpson Gray Lumber Co, Inc vs Mrs Chas Fairchilds	\$223.07

BUILDING CONTRACTS

FRESNO COUNTY

\$5000 and Over Reported

SCHOOL BLDG.

KERMAN, Fresno Co. Carpenter, mill work, concrete and brick work for school building.

Owner—Kerman Union High School District, Kerman, Cal.

Architect—Anton Johnson, Kingsburg.

Contractor—J. H. Palm, Box 305, Kingsburg.

Filed Dec. 5, '22. Dated Sept. 5, '22.

On 1st of each month as work progresses 75%

Usual 35 days 25%

TOTAL COST, \$111,800

Bond, \$83,850. Surety, Fidelity & Casualty Co. of N. Y. Limit, 225 working days. Forfeit, none. Plans and specifications filed.

SHEET METAL WORK ON ABOVE, \$1940.

Contractor—Ruth-Ringleman Hardware Co., Parlier.

ROOFING ON ABOVE, \$2100.

Contractor, Valley Lumber Co., H and Mono Sts., Fresno.

PLASTERING ON ABOVE, \$3879.

Contractor—Chas. Tholander.

BLACKBOARDS ON ABOVE, \$329.

Contractor—C. F. Weber Co., San Francisco.

PAINTING ON ABOVE, \$3750.

Contractor—C. M. Johnson.

PLUMBING ON ABOVE, \$6500.

Contractor—Ed. Magnuson.

WIRING ON ABOVE, \$5352.

Contractor—Osborn Electric Co.

CLOCKS ON ABOVE, \$770.

Contractor—Pacific Electric Time

Clock Co., San Francisco.

HEATING ON ABOVE, \$8460.

Contractor—B. A. Newman Co., 1927

Merced St., Fresno.

HARDWARE ON ABOVE, \$2411.

Contractor—Kerman Hardware Co.

NOTE:—Date of filing and payments same as above on all contracts.

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Accepted
Nov. 29, 1922—LOT 2 BLK 9, North Park Terrace, Fresno. M. Christiansen to whom it may concern...	Nov. 28, 1922

Nov. 29, 1922—LOT 5 E ½ of Lot 6 Blk Belmont Addition, Fresno. Geo T Peddy et al to whom it may concernNov. 25, 1922

Dec. 1, 1922—LOTS 9 AND 10 BLK 1, Belridge Park, Fresno. W B Watson and A F Lambert to whom it may concernNov. 28, 1922

Dec. 1, 1922—LOTS 38 AND 39 BLK 15, North Park Terrace, Fresno. A Hindebrand to whom it may concernNov. 15, 1922

Dec. 1, 1922—LOTS 15 AND 16 BLK 5, Oakwood Tract No. 2, Fresno. Arthur Dynes to whom it may concernNov. 29, 1922

Dec. 1, 1922—LOTS 6 AND 7 Del Mar Tract, Fresno. Hallie P Malcomb to whom it may concernNov. 29, '22

Dec. 2, 1922—LOT 3, Garden Villa, Fresno. Kate W North to whom it may concernDec. 1, 1922

Dec. 2, 1922—W ¾ of S ½ of SW ¼ of Sec. 1, 14-19, Fresno. S Poligian to whom it may concernNov. 29, 1922

LIENS FILED

FRESNO COUNTY

Recorded	Amount
Dec. 2, 1922—LOT 6 Montpelier. Pacific Ready Cut Homes, Inc vs Jas D Wirt.	\$1024
Dec. 6, 1922—LOTS 7, 8 AND 9 BLK 1 Fenway Tract, Fresno. Barrett Hicks Co vs Fred and Laura Jones	\$767

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, \$3600; W Ninth bet. Chanslor and Ohio Sts., Richmond; owner, P. Pederson, 573 9th St., Richmond; contractor, J. A. Fagestrom, 147 12th St., Richmond.

DWELLING, one-story frame, \$2550; S Chanslor bet. 11th and 12th Sts., Richmond; owner, K. J. Henning, Highland and Yosemite Ets., Richmond.

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2,500 and Over Reported

DWELLING, one-story 5-room and garage, \$3000; No. 2900 T St., Sacramento; owner, Thos. E. Hunt, 2926 S St., Sacramento.

DWELLING, 5-room and garage, \$637; Lot 1723, W. & K. Tract No. 24, Sacramento; owner, Mr. and Mrs. Calvin C. Chapman, 1326 N St., Sacramento; contractor, William V. Whitsett; recorded Dec. 2, 1922.

DWELLING, one-story 5-room and garage, \$2500; No. 1817 45th St., Sacramento; owner, A. Smoll, 1841 45th St., Sacramento.

DWELLING, one-story 5-room and garage, \$3800; No. 4017 T St., Sacramento; owner, B. H. Bill, 3252 Marshall Way, Sacramento.

DWELLING, one-story 5-room, \$3500; No. 3940 21st Ave., Sacramento; Owner, G. Foley, 3934 3rd Ave., Sacramento; contractor, Geo. R. Wright, 3931 2nd Ave., Sacramento.

DWELLING, one-story 5-room and garage, \$3250; No. 2219 36th St., Sacramento; owner, S. C. Daniel, 2820 21st St., Sacramento; contractor, E. E. Sydenstricker, 1010 27th St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded	Accepted
Dec. 2, 1922—LOT 85 Casa Loma Terrace, Sacramento. Arthur H Hanlon to whom it may concern....	

Recorded	Amount
Dec. 2, 1922—2049 THIRTY-FIFTH St., Sacramento. John Albrecht to whom it may concern.	Nov. 27, 1922

LIENS FILED

SACRAMENTO COUNTY.

Recorded	Amount
Nov. 29, 1922—LOTS 7 AND 9 BLK "C" Tokay Colony, Sacramento. Simpson Gray Lumber Co, Inc vs R Betcher	\$269.74

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW & GARAGE

BURLINGAME, Cal. Lot 28 Blk 3 Sub 4 Burlingame Park.

All work for 1-story bungalow & gar. Owner—Lena Perin, 335 Walnut Ave., Burlingame.

Architect—Chas. E. J. Roger, Phelan Bldg., San Francisco.

Contractor—Thomas N. Gerso, 1405 Grove Ave., Burlingame.

Filed Dec. 4, 1922. Dated Nov. 4, 1922.

Framed \$1655

Inside plastered 1655

Completed and accepted 1655

Usual 35 days 1655

TOTAL COST, \$6620

Bond, none; Sureties, none; Forfeit, none; Limit, before Feb. 15, 1923; Plans and specifications filed.

GARAGE,

1 1/5 miles from town of Woodside.

All work to furnish and construct 1-story garage.

Owner—George G. Somer, Woodside.

Architect—Clarence A. Tontau, 251 Kearny St., San Francisco.

Contractor—Louis N. Pollard.

Filed Nov. 29, 1922. Dated Nov. 11, 1922.

Monthly 75%

TOTAL COST, \$3360

Bond, \$4150; Sureties, Royal Indemnity Co.; Forfeit, none; Limit, by Feb. 15, 1923; Plans and Specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded	Accepted
Dec. 4, 1922—LOTS 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 and 23 Blk 26, North Fair Oaks Sub No. 1, near Redwood City. William Ward Barton and Julia E. Barton to Louis N. Pollard.....	Nov. 18, 1922
Dec. 4, 1922—S.W. SUB 70, San Mateo Park, 80 ft. frontage Clark Drive, San Mateo. R. Guillaume to R. Caldwell.....	Nov. 27, 1922

LIENS FILED

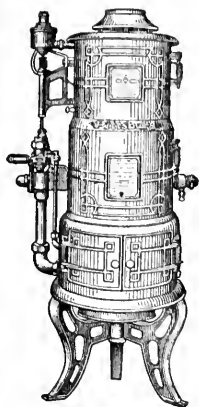
SAN MATEO COUNTY

Recorded	Amount
Nov. 29, 1922—PTN LOT 110 West End Tract Daly City. Eaton & Smith vs. E. J. Ihmeladine.	\$115,625
Nov. 29, 1922—PTN LOT 110 WEST End Tract Daly City. Eaton & Smith vs. Charles Haldeman.	\$193.75
Nov. 29, 1922—PTN LOT 110 WEST End Tract Daly City. Eaton & Smith vs. E. J. Fleming.....	\$92.84

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded	Amount
Dec. 4, 1922—LOCATION NOT GIVEN The Cadwallader Gibson Co to August and Julia Belrage	\$219.14



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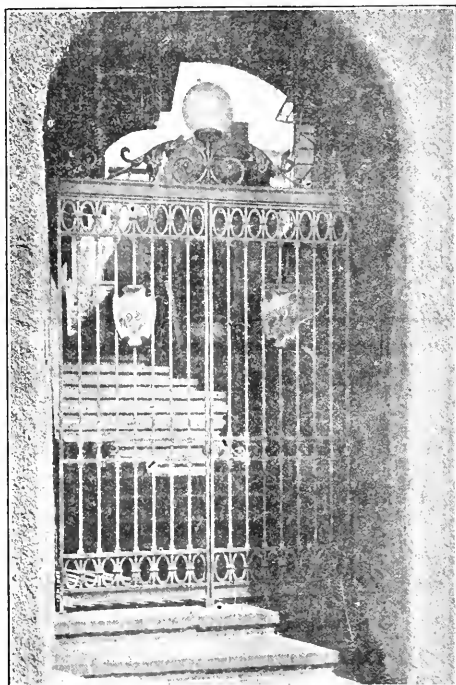
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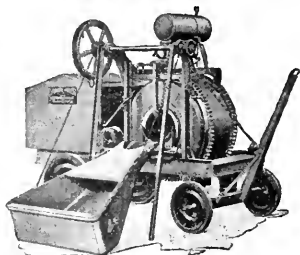
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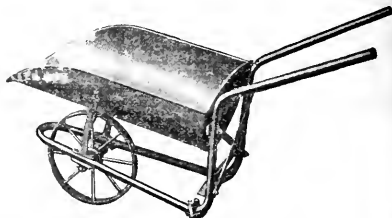
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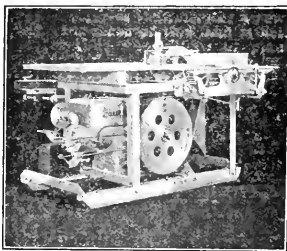


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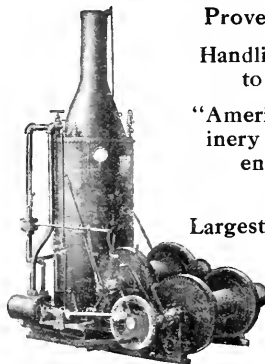
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Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., DECEMBER 16, 1922

Twenty-second Year No. 50



No. 560 Mission Street,
San Francisco, Calif.

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J. P. FAIRBELL, Managing Editor

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF

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Congress of March 3, 1879.

SAN FRANCISCO FIRMS LOW ON SEATTLE BRIDGE PROJECTS

Two San Francisco firms and one Seattle firm submitted the lowest combination bid to the Seattle Board of Public Works to construct the West Spokane street bridge over the West Waterway. The bid is \$390,686.29. The bid was submitted by the following concerns: Bethlehem Shipbuilding Corp., Ltd., Twentieth and Illinois Sts., San Francisco, for furnishing steel and delivering same at bridge site, \$260,863.30; Gerriek & Gerriek, Central Bldg., Seattle, for erecting steel, \$105,400.09; Butte Electric & Manufacturing Co., 534 Folsom St., San Francisco, for furnishing electrical equipment, \$24,422.

Jahn & Bressi, Thompson Bros., Seattle, submitted the lowest lump sum bid at \$444,923.90 for a structure of the Strauss type at \$460,700.51 for a structure as proposed by the City of Seattle. The combination bid is \$70,014.22 lower than that of the Seattle contractor.

ROAD FUNDS VOTED

The Sacramento county supervisors have voted to pay \$175,000 as their share of the cost of constructing a \$600,000 highway connecting Sutter and Sacramento counties. The road will join the present paved highway in Sutter county, 2½ miles north of Tudor, running south to the Nicolaus bridge, thence to the east side of the Feather river to the town of Verona. In Sutter county, thence down the Feather river levee to the north end of the Natoma Boulevard, in Sacramento county. The Sacramento supervisors are of the opinion that construction will not be started for at least a year. The tax for the road will be levied next September, and after that period much time will be taken over legal complications.

Rapid Progress In Selecting Roads For Federal-Aid System

The selection of the roads to compose the system of Federal-aid highways which will reach into practically every county of the United States is progressing rapidly, according to the Bureau of Public Roads of the United States Department of Agriculture. State and Federal engineers have held numerous conferences during the past summer in all sections of the country.

The system is being outlined in accordance with the requirements of the Federal Highway Act of last November, which contemplates a system of highways to be built with Federal-aid such as no other nation has ever possessed and which, once built, will be continuously maintained in serviceable condition. Eighteen feet will be the minimum width of roadway unless conditions justify a lesser width and such cases must be given special approval. The system will consist of not more than 7 per cent of the total road mileage in any one State, not more than 3/7 of which will be primary or interstate highways and the remainder secondary or inter-county highways. The total mileage of primary and secondary roads will be approximately 187,000 miles.

Work has progressed rapidly on the system during the past year and 10,-

000 miles of road have been completed in conjunction with Federal-aid. These have been projects of such importance that there is no doubt as to their being included in the system as finally outlined.

The accompanying table gives the approximate mileage of the primary and secondary system in the various States. In 13 States the figures are based on the total mileage of highways in the State while the remainder are based on the maps submitted.

From the present outlook it is thought that this program of road construction will cover a period of from 15 to 20 years. Many States will complete their mileage in a much shorter time as they have included in the system a considerable mileage of improved road. They will then enlarge the Federal-aid system by including additional mileage.

When the system is complete the total improved road mileage of the country will be far greater than the 187,000 miles included in the system. How much greater it is hard to say, but in all of the States the system has been outlined, keeping in mind that State roads independent of Federal aid will connect with it.

	Prim. System Mileage in	Sec. System Mileage in	Aid System Total Federal
Alabama	1696	2362	3958
Arizona	632	856	1498
Arkansas	2158	2879	5027
California	2015	2432	4447
Colorado	1440	1920	3360
Connecticut	350	170	520
Delaware	115	151	266
Florida	1127	833	2960
Georgia	2437	2235	5662
Idaho	1163	1609	2772
Illinois	2838	3851	6729
Indiana	2128	2838	4966
Iowa	2930	4214	7144
Kansas	3216	3381	6600
Kentucky	1370	1880	3250
Louisiana	1200	1600	2800
Maine	492	834	1326
Maryland	444	592	1036
Massachusetts	552	737	1290
Michigan	2250	3000	5250
Minnesota	3912	4122	8034
Mississippi	1416	1874	3299
Missouri	3345	4461	7806
Montana	2000	2700	4700
Nebraska	2403	3211	5619
Nevada	600	920	1524
New Hampshire	293	767	1060
New Jersey	513	685	1198
New Mexico	1390	1867	3257
New York	2150	2401	4554
North Carolina	1849	2954	4194
North Dakota	2061	2754	4815
Ohio	1690	2215	4005
Oklahoma	3381	4508	7889
Oregon	1177	1628	2805
Pennsylvania	2700	3600	6300
Rhode Island	79	86	165
South Carolina	1371	1854	3225
South Dakota	3465	4815	8280
Tennessee	1229	2748	4077
Texas	3640	5015	8655
Utah	690	965	1655
Vermont	186	239	425
Virginia	1473	2233	3733
Washington	1273	1697	2970
West Virginia	942	768	1710
Wisconsin	2364	3152	5516
Wyoming	1288	1846	3134
Totals	71492	98079	187406

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Although the November-December period is ordinarily the slackest part of the year for the lumber industry, with the exception of February, reports to the National Lumber Manufacturers' Association from eight regional lumber manufacturing associations tell a story of exceptional activity for the week ending November 25. Shipments of lumber gained roundly 36,000,000 feet over the preceding week or about 20 per cent, and orders increased by about 21,000,000 feet, or 10 per cent. Even production, which has stood up well through the period of transportation shortage, gained 13,000,000 feet—about 5 per cent.

The report of M. C. Woodruff, building inspector of San Jose, for the fiscal year ending December 1 shows a total of 991 building permits granted representing improvements totaling \$1,921,289 of which \$1,689,195 is for new buildings. Increased activity is shown by the comparison with the report for the fiscal year ending December 1, 1921, when 756 permits were issued at a value of \$1,171,796, of which \$873,311 was for new work.

State timber sales in Montana by the end of the present year will probably reach 30,000,000 feet for 1922, according to estimates given at the office at the capitol by the state forester. Thus far the sales have reached 29,500,000 feet, which include 12,000,000 feet of timber sold in Lincoln county, the Stillwater sales in Flathead county have totaled 12,650,000, and the Flathead lake sales in the vicinity of Kalispell total 4,850,000 feet.

W. E. Wood, president of the W. E. Wood Co. of Detroit, Mich., who had been nominated for national president of the Associated General Contractors, was killed in an automobile accident recently. There was no opposition to Wood for the office and plans had been started for his installation as president at the National Convention to be held in Los Angeles, January 30 to February 2, 1923.

Well authenticated reports are circulating at Orofino, Idaho, that a deal has been closed at Portland, Ore., by which the Weyerhaeuser Lumber Co. acquires 293 acres at Lewiston from A. L. Porter of that city for a saw mill site. Purchase of this land is believed to mean consummations of plans by the Weyerhaeuser interests to build at Lewiston a milling plant of 200,000,000 feet yearly capacity.

Want to win \$100? Why is a contractor? Should contracting organizations take on the functions of the architect, if so, why? Should architects take on the functions of the general contractor, if so, why? The Associated General Contractors of America, 1038 Munsey Bldg., Washington, D. C., wants to know and will pay \$100 for the best opinion. The contest closes Dec. 31.

D. B. Farquharson, of the San Francisco Builders' Exchange, addressed the Merchants, Manufacturers and Employers Assn., of Stockton, at the annual banquet of the association in the Hotel Stockton December 11. Farquharson talked to the 234 members present on "How the American Plan in San Francisco is Being Carried Out."

Engineer Erle L. Cope of San Francisco has been commissioned by the Sutter County Supervisors to make plans for the proposed 2000 ft. concrete causeway to span the low lands between the new steel bridge over the Feather River at Nicolaus and the west levee. The causeway will be a link in the proposed Sacramento-Sutter joint boulevard which is to cost \$175,000.

C. H. Holt of the real estate firm of Leonard & Holt, San Francisco, backs movement to build electric railway from San Francisco down the Peninsula. It is proposed to have the Burlingame-San Mateo Real Estate Board finance the survey for the proposed road and at a later date to interest private capital to finance the work.

F. F. Foster has been appointed sales manager of the California Glazed Cement Pipe Co. of Los Angeles, assuming his duties December 1. Foster was for some time executive secretary of the Southern California Cement Pipe Manufacturers' Association and will continue as a director in that organization.

H. D. Churchill Co., civil engineers and contractors, has moved from 218 Byrne Bldg., to 350 Merrick St., Los Angeles. Rogers Bros. Co., formerly had their yard and office at this location and the Churchill Company has taken over the plant to provide facilities for increased business.

The Peninsula Building and Loan Association of San Mateo have been organized with a capital stock of \$100,000. Directors are: Dr. N. D. Morrison, J. R. Fairbanks, J. R. Murphy, Frank H. Truall, J. E. McCurdy, E. S. Irving, H. A. Thayer, P. A. Oliver and E. S. Litchfield. Offices will be maintained in the Cook Building, San Mateo.

A resolution authorizing the Interstate Commerce Commission to give priority in car service in the interest of equitable distribution to building materials intended for immediate consumption has been introduced by Representative Zihlman, of Maryland.

The West Coast Pulp & Paper Co., organized by the same interests owning the Hawley Pulp & Paper Co. plant at Oregon City, Ore., will construct a paper mill at Olympia, Wash. About \$1,000,000 will be spent in buildings and machinery.

Construction has been started on a three-story reinforced concrete warehouse at South Park and Second Sts., San Francisco, for the Kohler Co. of Kohler, Wis., manufacturers of plumbing and sanitary fixtures supplies.

The National Stone-Tile Co. of San Francisco is arranging to establish a plant at Salinas, Monterey County, for the manufacture of stone-tile hollow concrete brick.

The Henry Cowell Lime and Cement Co. will hold its annual Christmas Tree dance at the plant in Cowell, Contra Costa County, on December 23. W. H. George is in charge of the affair.

Weed Lumber Co., operating at Weed, Siskiyou county, will resume activities December 1, on an eight-hour day basis.

ALONG THE LINE



Chas. G. Comstock and Fred W. Howard, formerly associated with the Scofield Engineering Construction Co. of Los Angeles announce the formation of a partnership under the name, Comstock & Howard to engage in general building construction. Offices are maintained in the A. G. Bartlett Bldg., Los Angeles.

C. C. Cottrell, former Nevada State Highway Engineer and head of the California State Automobile Association has been endorsed by the Lassen County Board of Supervisors and the Lassen County Chamber of Commerce, for the position of California State Highway Engineer, succeeding A. B. Fletcher, resigned.

A. N. Johns who for the past several years has been connected with the Engineering Department of the California State Railroad Commission, has severed his connections with that organization to assume the position of chief engineer with the Associated Telephone Co., of Long Beach, Calif.

H. E. Wilson, president of the State Association of Highway Patrolmen, will head a delegation at the San Francisco convention in January, asking that Fresno be selected for the 1924 meeting place. Wilson is chief traffic officer of Fresno county.

Jas. J. Keegan, San Mateo contractor, has accepted the position of superintendent of construction and Frederick Van Doren, recently from Portland, Ore., the position as architect for the Burlingame Building Company, operating in San Mateo County.

The U. S. Zinc Co., the zinc smelting subsidiary of the American Smelting and Refining Co., has purchased forty acres at Amarillo, Texas, and will erect a \$400,000, five-block zinc smelter. Natural gas will be used in smelting zinc ores.

Chas. H. Windham has been selected for the position of city manager of Long Beach, Calif., succeeding Chas. Hewes, recalled. Windham is the present postmaster and an ex-mayor of the city of Long Beach.

Palo Alto city council plans election to vote bonds of \$150,000 to finance construction of sewer and water main extensions; \$110,000 for water extensions and \$50,000 for sewers.

W. C. Clayton, San Jose banker, will receive an appointment to the State Highway Commission, according to rumors in that city.

The J. G. Wilson Corp., New York, has issued a number of new folders describing in detail their sectionfold partitions, automatic rolling fire doors and wardrobes.

STOCKTON ARCHITECTS REPORT
BUSY SEASON

Stockton architects are confident of a big building year in 1923. In addition to an extensive building program as proposed by the Stockton city council and the San Joaquin county supervisors, a considerable amount of large construction of a private nature is planned.

The City of Stockton proposes to construct a civic center which will involve the laying out parking space, street improvements and the erection of several large buildings, including a new city hall, civic auditorium and library. Plans for these improvements are nearing completion in the offices of the Stockton Architectural Commission composed of Architects Glenn Allen, president; Wm. J. Wright, vice president; Louis S. Stone, chairman; Franklin E. Warner, secretary; Ivan C. Satterlee, treasurer, and J. M. Burke, engineer.

In addition to these improvements the San Joaquin County supervisors contemplate the erection of a modern courthouse which will probably be erected as part of the civic center plan.

Davis-Heller, Pearce Co., maintaining offices in the Delta Building, Stockton, have been commissioned to prepare plans for the proposed College of the Pacific buildings to be erected on a 50-acre tract in Stockton. The group will comprise seven two-story reinforced concrete, brick and terra cotta structures of the Collegial Gothic type of architecture and will be known as the Liberal Arts, Administration, Auditorium, Conservatory of Music, Men's Dormitory, Women's Dormitory, and Gymnasium. A large swimming tank is also included, in addition to considerable landscape work which will be done by the architects. The project will cost in the neighborhood of \$650,000.

The same firm has prepared plans and is taking sub-bids for a reinforced concrete and brick addition to the National Paper Products plant in Church street, Stockton. These improvements will cost about \$150,000.

Plans have been completed by Davis-Heller, Pearce Co. for a one-story brick garage to be erected for the Western States Gas and Electric Company in East Channel street at a cost of \$26,000.

Architect Glenn Allen, 37 S. Aurora street, Stockton, reports the preparation of plans for a three-story reinforced concrete theatre and hotel building to be erected in Lodi at a cost of \$150,000. The structure will have a pressed brick exterior and Polychrome terra cotta trim. Bids for construction will be asked the earlier part of February.

Architect Allen is completing plans for a concrete church to be erected at Center and Flora streets, Stockton, for the First Church of Christ Scientist. The building will have a terra cotta finish and purple glazed roof. Construction is estimated at \$100,000.

Architects Wright and Satterlee and L. S. Stone, associated, Bank of Italy Building, Stockton, have completed plans and bids will be asked immediately to erect two buildings for the Lodi Union High School District, the total value of the improvements being \$250,000. The buildings will consist of a two-story science structure, a one-story manual training building and a swimming tank. Alterations to the present structures are also included. Construction will be of brick, steel and concrete. All buildings will have pressed brick exteriors.

Building Trades Council, Portland, Ore., has asked a general increase of 10 per cent in wages to restore the scale to the basis of 1920 when a 10 per cent cut was brought about through arbitration.

1922 Breaks all Records for
Road-building, Says Report

All records for road construction in the United States were broken during the fiscal year 1922, according to the annual report of the Bureau of Public Roads, United States Department of Agriculture. During that period 10,000 miles of Federal-aid roads and more than an equal mileage of highways without Federal assistance were constructed.

From the viewpoint of Federal-aid progress the year divides itself into two periods, one before and the other after the passage of the Federal highway act. The first period was a season of great construction activity during which the greater part of the work of completing the 10,000 miles was done. It was also one of almost complete stagnation with respect to the initiation of projects.

When the year opened there was an unobligated balance of \$18,793,544 of the Federal-aid appropriations and the projects initiated since the beginning of the work aggregated 35,492 miles. By the end of October, 1921, the unobligated balance had been reduced to \$11,714,323, the lowest it had been since 1918. Only two states at that time had a balance of more than \$1,000,000 to draw upon for new projects, and a number were so reduced that their balance was not sufficient to pay for another mile of road.

Just before the passage of the Federal highway act the mileage submitted by the states had not grown during the fiscal year but had actually diminished as a result of the withdrawal and substitution of projects. The total mileage proposed was only 35,373 miles as compared with the 35,492 miles of four months before. Immediately upon the approval of the act the initiation of projects took on new life and in the months of March and June reached the unprecedented total of 1250 miles a month. At the close of the year the

submitted mileage was 39,940 miles, 1538 miles greater than at the close of the preceding fiscal year.

At the close of the preceding year projects completed aggregated 7169 miles and there were 17,975 miles under construction, which were estimated as 76 per cent complete. In one year the completed mileage has grown to 17,716 miles, an increase of more than 10,000 miles, and there still remain under construction 14,513 miles which are estimated as 55 per cent complete. The Federal aid earned by the states on completed projects amounts to \$194,560,135, of which \$166,911,552 have actually been paid.

The total length of projects in all stages, including those which have been completed and those which are in the stages preliminary to construction is 39,940 miles.

The roads brought to completion during the year average over 200 miles for each state. The greatest increase in completed mileage is in Texas, which has added during the year 933 miles to its completed highway. Arkansas, Georgia, Iowa, Minnesota, and North Carolina, each with an increase of more than 500 miles, and Montana and Wisconsin, with more than 400 miles, made notable advances toward the goal of a completed highway system.

A number of smaller states, such as Louisiana, Maryland, Massachusetts, and Rhode Island, made very substantial increases in proportion to their size.

The largest payment of Federal aid during the year also went to Texas, which received from the Government \$5,915,046 and earned nearly \$2,500,000 more. Other large payments were made to Illinois, Iowa, Ohio, and Pennsylvania, each of which received from \$4,000,000 to \$5,000,000 or more during the year.

FIRES EXACT HEAVY TOLL IN CALIFORNIA NATIONAL FORESTS

More than a thousand forest fires occurred in the national forests of California during the past season, according to the preliminary report just made public by the United States forest service headquarters in this city. These conflagrations, numbering 1034, burned over a total of 290,800 acres, of which 192,000 acres was Government land. The damage to timber and reproduction at the Federal forests is estimated at \$134,000. Severe damage also resulted on some of the most important watersheds of the state through the destruction of their forest cover, with impending floods, soil erosion and damage to irrigation and water systems.

Seventy-five per cent of the fires on the national forests were man-caused and therefore preventable. Lightning set twenty-five per cent of the fires. The effective fire detection and suppression organization of the forest service made possible the extinguishing of 80 per cent of the fires which started before they had covered an area of 10 acres each. \$150,000 was expended by the Government during the year in fire suppression work.

The Shasta National forest leads the list with 142 fires. The Plumas forest had 103 fires and the Lassen 97. In Southern California, on the Angeles, Cleveland and Santa Barbara national forests, there were 195 fires which burned over 100,000 acres of Government land, largely covered with brush and chaparral, but exceedingly impor-

tant from a watershed protection standpoint.

The largest fire of the year started September 11 on the chamise-covered slopes of the California national forest. Within four days it had swept over an area of 40,000 acres. 300 men were employed on this fire, which cost the forest service \$22,000 to suppress.

Compared with 1921, the national forest fire record for this season shows a decrease of 97 in the total number of fires, but an increase of approximately 75,000 acres in the area burned over, due largely to the extensive brush fires in Southern California.

PAINT AND VARNISH ASSETS

San Francisco has a number of industries that provide surprises when they are surveyed with respect to what might be called their civic significance—the roles they play as payroll-makers and as community assets.

The paint and varnish manufacturing establishments of the San Francisco Bay district are among these industries. These plants are now turning out products in the neighborhood of \$15,000,000 annually, and their consolidated payrolls approximate something like \$3,000,000.

Markets for these products have been found in many distant regions both in this country and abroad, and the paint and varnish manufacturers have displayed an enterprise of characteristic Western resourcefulness.—S. F. Business.

ORGANIZATION NEWS

SACRAMENTO CHAPTER A. A. E.

By their deeds, ye shall know them. Sacramento Chapter, American Association of Engineers, at its last meeting, voted \$10 to the fund being collected by the Sacramento Bee for the purpose of bringing Christmas cheer to the children of poor families in Sacramento. The Chapter has been advised that A. B. Fletcher, state highway engineer, has been elected a certified member of the association. (The association will benefit much by having a man who stands so high in his profession elected to its membership. The chapter is to be congratulated upon being in touch with a man of such high ideals and mature judgment.)

Preparations are being made for a banquet and dance to be held by the Chapter December 30. Committee are working on an elaborate program to close the social activities of the association for the year 1922.

RENO BUILDERS BANQUET

Fourteen different crafts represented by one hundred men, were present at the annual get-together banquet given by the Washoe County Builders' Exchange at Reno, Nevada, December 9. Speakers discussed building conditions and the value to be derived by any city or community where the builders were organized into an exchange for the protection of the public as well as themselves.

W. E. Lyons, president of the Washoe County Builders' Exchange, presided and the speakers of the evening were: Charles W. Gompertz, of San Francisco, president of the California Builders' Exchange; A. W. Norris, president of the Sacramento Builders' Exchange; R. Dickson, president of the Master Plumbers' Association of California; W. W. Gardiner, John W. Brooks, Mayor H. E. Stewart and C. S. Knight.

A spirit of optimism prevailed and men connected with the building industry proclaimed a bright outlook for 1923. The success of the banquet was largely due to the committee composed of C. R. Hill, chairman; J. C. Dillard and John Pellizzari.

CONCRETE CLUB IS ORGANIZED AT LOS ANGELES

The latest addition to the growing list of Los Angeles trade organizations intended to advance the multifarious interests comprising the construction industry, is the Concrete Club, embracing all those elements related to the production and use of concrete. The club will hold weekly luncheons to promote friendship and further the use of concrete.

The aim of the club is indicated by the following extract from "The Concrete Mixer," a four-page publication issued at the first regular meeting:

"Know Your Game! We are organized to make popular the use of Concrete; to keep busy the men and firms connected with the industry; the cement men and supply houses; the sand and gravel men; the concrete products manufacturers and the construction men themselves. Work and profit can only be obtained through orders from the buying public. They won't buy until they have faith in you and the industry at large. Now all of us can advertise to the limit, and talk our heads off selling the public, and then defeat our own ends by ignorance of the best practices of the business. In

short, giving poor service. It is not enough that you hustle. It is not enough that you sweat. It isn't enough that you think. You must know."

HIGHWAY ASSOCIATION ORGANIZED

The Coloma Mother Lode Highway Association has been organized in El Dorado county, to promote the interests of the highway route direct from Placerville to Coloma and thence to Auburn instead of from Placerville to Garden Valley and Cool to Auburn. Officers of the association are: John D. Wagner, of Pilot Hill, president; G. S. Metcalfe, Coloma, secretary; directors: J. H. Gallagher, Coloma; J. H. Ryms, Pilot Hill Hall, and William Deerkamp of Gold Hill.

SANTA CRUZ ENGINEERS CLUB ELECTS OFFICERS.

The Santa Cruz Engineers Club at a banquet December 7 held an election of officers with the following results: President, H. O. Beck; vice-president, Noel Patterson; secretary-treasurer, E. V. Tronoff; directors, W. H. Oliver, W. C. Hughes and J. K. James, City Engineer of Santa Cruz. Among those present included: H. O. Beck, W. C. Hughes, C. E. Wasgatt, J. W. McCreary, R. D. Perry, E. R. Muttersbach, Lloyd Bowman, W. H. Oliver, J. K. James, H. E. Godegast and Theo. V. Tronoff.

RICHMOND BUILDERS EAT GOOSE AND OUTLINE PLANS TO BUILD

Charley Brown, the most active member of the Contra Costa County Builders' Exchange, was the host to members of that organization at a duck and goose stew held in the Elks Building, Richmond, December 11. Brown had been promising the dinner for some time and on his return from a hunting trip he was prepared to entertain his co-workers.

In an elaborately decorated hall the tables were set in the form of a "U" and the sixty who sat at the feast declared it to be "fit for a king." Short speeches were made by P. M. Sanford, president of the Contra Costa County Builders' Exchange, as chairman of the evening; E. M. Tilden, W. L. Ballenger, H. A. Johnston, J. T. Nabert, architect; G. E. Milnes, R. D. Noble, A. P. Hill and Jos. Burdon. Archie Winchcole rendered a number of songs.

A feature of the evening was the announcement of E. M. Tilden that the exchange had closed a deal to purchase a site on Fourteenth street near Macdonald avenue, Richmond, on which it is proposed to erect new exchange quarters. The site covers an area of 60 by 122 feet and a one or two-story structure is contemplated, the cost of which will exceed \$15,000. The building, Tilden declared, will be modern in every respect containing a meeting room, private office for the secretary and private quarters for use of the members to figure plans and discuss projects with clients. A portion of the structure will be given over to a material exhibit. The building will be financed by the sale of stock to members of the exchange.

Those present at the banquet were: Charles H. Brown, P. M. Sanford, E. M. Tilden, Clinton Smith, W. J. Richards, Jr., S. C. Rogers, Joseph J. Burdon, R. G. Armistead, G. E. Milnes, J. L. Eakle, W. D. Rihm, George L. Spaulding, Louis Brown, C. Pederson, F. A. May-

field, M. A. Milrad, Eugene H. Truax, M. A. Hays, J. B. Weir, James Walker, F. W. Cleary, Carl Overaa, A. O. Dugan, A. P. Hill, Robert Irwin, H. J. Capion, G. B. Warner, George Ingram, A. H. Winchcole, James T. Nabert, E. A. Marshall, F. C. Spierisch, L. Spierisch, L. L. Higgins, V. G. Blake, George Edwards, K. J. Henning, L. C. Dexter, R. P. Dunn, E. G. Vaughn, Herbert D. Baker, R. D. Noble, Dr. H. Vestal, H. A. Johnston, George B. Lauritzen, C. E. Marshall, B. J. Ballantyne, C. V. Miere, E. H. Higgins, F. Ausez, John J. Ross, G. C. Gorman and J. A. Fagerstrom.

S. F. GENERAL CONTRACTORS' ASS'N DISSOLVED

Stockholders in the General Contractors' Association of San Francisco, incorporated April 6, 1911, and dissolved March 30 of this year, held their farewell assembly and dinner December 6 at the Palace Hotel, San Francisco. Chas. A. Day of the Industrial Department of San Francisco Chamber of Commerce, was the first president of the association, which numbered among its supporters forty prominent contractors. In March the association merged with the General Contractors of San Francisco, amalgamated with the Builders' Exchange.

FINESUAL BUILDING ACTIVITY IN NORTHEAST STATES

More than the usual amount of winter activity in building with residential work taking a prominent part, is indicated in a survey of activities made by the American contractor, in 27 states forming the main northeastern part of the United States.

Valuation of the 2141 contracts awarded for the week ending October 28, reached a total of \$64,348,400 and was but slightly lower than the weekly average for the first nine months of this record-breaking year, says the publication.

"The volume of contracts awarded during the last two weeks of October, which are normally dull, shows that there is expectation of less let-up than usual during the winter period," the paper states. "There are incontrovertible facts which show that building activity is in no danger of a slump for months to come."

"Contemplated work reported for the week ending October 23 totaled \$100,662,900. For the corresponding week of 1921, this total was only \$86,922,000 and the valuation of contracts awarded was only \$51,718,600. Yet the fall of 1921 was considered a good opener for the spring season of 1922."

"Of the contemplated work for that week, \$16,191,200 is for residential building. While the demand for residence building has not diminished and will not diminish for some time, there is little business and industrial building going on and a period of business expansion will add these projects to the field. In addition there is much educational and governmental building in abeyance which must be done soon."

"Skilled labor will be scarce next year as it is now. Indications are that no reduction will be made in wages of common labor which is all absorbed. Material men are producing at increased costs. The demand for labor and materials in the spring will equal the supply. From such facts, a definite logical conclusion regarding future building costs can be drawn by anyone."

Building News Section

APARTMENT HOUSES

To Be Done By Day's Work and Sub-Contracts.
APARTMENTS Cost, \$50,000
SAN FRANCISCO, N E Baker St. and Golden Gate Ave.
 Three-story and basement frame (15) apartments.
 Owner—W. H. Joost
 Architect—Arthur G. Scholz, 839 Phelan Building.

Completing Plans.
APARTMENTS Cost, \$150,000
ALAMEDA, Alameda Co., Cal. Grand St. and Central Avenue.
 Three-story frame, stucco and brick veneer apts. (21, 3, 4 & 5-room apts).
 Separate garage in rear.
 Owner—L. Kolisky, Strand Theatre, Alameda.
 Architect—A. A. Cantin, 68 Post St., San Francisco.

An enclosed roof garden is to be one of the novel features of the proposed building and will have a large ball room, men's club room and women's tea garden. Sunken gardens and tennis courts are also contemplated as part of the plans for the grounds.

Contract Awarded on a Percentage Basis.
APARTMENT HOUSE Cost, \$1,000,000
LOS ANGELES, L. A. Co., Cal., S E Wilshire Blvd. and Berondo St.
 Ten-story and basement class "A" apt. house 145x145 (325 rooms, 4 to 10-room apartments).
 Owner—A. C. Elmhuth.
 Architect—Alex Curlett & Claud Beelman, Union Bank Bldg., L. A.
 Contractor—Macdonald & Kahn, Loew's State Bldg., L. A.

Contract Awarded.
APARTMENTS Cost, \$15,500
OAKLAND, Alameda Co., Cal., N E Fruitvale Ave. and E-16th.
 All work except wall beds, light fixtures, wall paper and finish hardware for 2-story 15-room frame apartments.
 Owner—Mrs. August Erhart.
 Architect—Martin J. Rist.
 Contractor—Alex C. Wieben, 839 Rosemont, Oakland.

Plans Being Figured.
APARTMENTS Cost, \$25,000
SAN FRANCISCO, S W Gough and Rose Streets.
 Three-story and basement frame (23) Apartments.
 Owner—Elvira Felix, 925 Leavenworth Street.
 Architect—R. R. Irvine, Call Bldg.

Plans Being Prepared.
APT. HOUSE Cost, \$600,000
LOS ANGELES, L. A. Co., Cal., S W 4th and Oak View Streets.
 Eight-story and basement class A apt. house 120x150, 250 rooms divided into 2 and 3-room apts.
 Owner—Lange & Bergstrom, Washington Bldg., L. A.
 Architect—Walker & Eisen, 325 Pacific Finance Bldg., Los Angeles.
 Construction will be started on January 15 by the owners, who are general contractors.

Contract Awarded.
APARTMENTS Cost, \$1,000,000
LOS ANGELES, Cal. Kenmore Avenue and Wilshire Blvd. Cor., 155x150.
 Thirteen-story and basement Class A apartment house (425 rooms, tapestry brick and terra cotta facing).
 Owner—Paul B. Fletcher and J. R. Lilly, Third and Western Ave., Los Angeles.
 Architect—Walker & Eisen, Pacific Finance Building.
 Contractor—Lange & Bergstrom, 803 Washington Bldg., Los Angeles.

Sub-Figures Being Taken By Owner—To Be Done By Day's Work.
APARTMENTS Cost, \$75,000
SAN FRANCISCO, 68-6 E Hyde.
 Six-story and basement class C apts. 36 2 and 3-room apartments.
 Owner—C. W. Higgins, 1306 Shrader Street.
 Architect—Edw. E. Young, 251 Kearny.

Contract Awarded.
APARTMENTS Cost, \$10,500
SAN FRANCISCO, E Ramona 205 S Fourteenth Street.
 Two-story and basement frame (4) apartment.
 Owner—Geo. R. and Katherine Newson, 37 Ramona St., San Francisco.
 Architect—None.
 Contractor—Geo. R. Newsom, 37 Ramona St., San Francisco.

Sub-Figures To Be Taken By Owner—To Be Done By Day's Work.
APARTMENTS Cost, \$55,000
SAN FRANCISCO, California St. west of Polk.
 Three-story frame and stucco store & apartment house, 19 2 and 3-room apts. and 4 stores.
 Owner—Mrs. I. W. Cohen.
 Architect—E. E. Young, 251 Kearny Street.

Figures To Be Taken In a Week.
APT. HOUSE Cost, \$30,000
SAN FRANCISCO, N Geary & Hyde.
 Five-story and basement reinf. conc. apt. house bldg. 20 2 and 3-room apartments.
 Owner—Geo. Cohn.
 Architect—S. Helman, 57 Post St., S. F.
 Figures will be taken for a general contract.

Grading Contract Awarded—General Contract to be Figured Next Week.
APARTMENTS Cost, \$200,000
SAN FRANCISCO, N Market Street E Gough Street.
 Six-story Class C reinforced concrete-market and apartment house (40 2 and 3 room apts.)
 Owner—Jas. B. Gaffney and Raymond A. Luce, of the Daylight Market.
 Architect—Walter C. Falch, Hearst Bldg., San Francisco.
 Mechanical Engineer—A. A. Coddington, Phelan Bldg., San Francisco.
 Structural Engineer—Pierre Zucco, 166 Geary St., San Francisco.

LOS ANGELES, Cal.—Lange & Bergstrom, 863 Washington Bldg., were low bidders at \$440,750 on the general contract for erecting an 8-story and basement class A apt. house at S. e. cor. of Wilshire Blvd. and Carondelet St. for Wilshire-Carondelet Holding Co. Low bidders on the other contracts were: L. Z. Brown on steam heating at \$21,883; J. Hokom on plumbing at \$53,217; Bernhard Skoog on painting at \$23,200; Richard Starry Electric Co. on wiring at \$13,425; Edell Engineering Co. on refrigeration at \$21,885; and Baker Iron Works on elevators at \$750. Russell & Alpaugh, 1108 Broadway Bldg., L. A., also bids. The Bldg. will contain 376 rms., 188 apts., lobby, ball room, locker room, reinf. conc. constr., press, brick and cast stone ext., hardwood trim, mastic and tile work, steam heating, wall beds, 2 pass. elevators, vacuum cleaning, etc.

BANKS

Segregated Figures to Be Taken Next Week.
BANK BUILDING Cost, \$—
OAKLAND, Alameda Co., Cal., E Fourteenth St. and Fruitvale Ave.
 Two-story reinforced concrete bank building.
 Owner—Central National Bank, Okd.
 Architect—Wm. Knowles, Hearst Bldg., San Francisco and Central Bank Bldg., Oakland.

BONDS

VISALIA, Tulare Co., Cal.—Supervisors receiving bids until January 3, for purchase of \$20,000 bond issue of Visaliover School District; proceeds of sale to finance school improvements.

SACRAMENTO, Cal.—City Eng. Albert Given has completed estimates for improvements to be financed through a \$1,250,000 bond issue, the election to be held in February. Improvements will include subways on approaches to city, street lighting, sewer and water main extensions and work on roads leading to city.

EAST SAN DIEGO, Cal.—The Fairmont Water Co. has applied to state railroad comm. for permit to sell its water distributing system to the city for \$21,000. O. W. Cotton, pres. City will purchase on assessment plan.

SAN BERNARDINO, Cal.—City council is considering Jan. 23 as election date for resumption of the Devil Canyon \$140,000 bond issue. S. W. McNamee, mayor, states it is necessary to pass the bonds at once in order that present legislature may act on them.

SAN RAFAEL, Marin Co., Cal.—Until Jan. 9 bids will be received by supervisors for purchase of the \$10,000 bond issue of the Fairfax School District; proceeds of sale to finance school improvements.

CALIFORNIA—No bids received for the purchase of the \$5,000,000 state highway bond issue, due to slump in bond market. The bonds will again be placed on sale, probably in January.

SPOKANE, Wash.—Spokane county commissioners will sell \$750,000 in bonds early in January to finance construction of county roads.

SANTA ANA, Cal.—Charles H. Chapman, water commissioner, has suggested a bond issue for \$100,000 to provide for 34 mi. of water mains required to supply new subdivisions and streets where paving is being laid.

Eng. 21

WOODLAND, Yolo Co., Cal. — Until Jan. 2, bids will be received by county supervisors for purchase of \$95,000 bond issue of Esparto Union High School District; proceeds of sale to finance construction of new high school. (44150) 1st report Oct. 30; 3rd Nov. 20.

VISALIA, Tulare Co., Cal.—Trustees of Visaliover Union High School District will confer with the trustees of the Woodland High School District to decide the question of establishing a junior high school.

FOWLER, Fresno Co., Cal.—Election held to vote bonds of \$15,000 to purchase site and make park improvements failed to carry.

LOVELOCK, Nevada—Pershing county will bond Jan. 20 for \$40,000 to finance drainage of the Lovelock district in the lower portion of the Humboldt valley.

LEMOORE, Kings Co., Cal.—Election will be held Dec. 30 in Lemoore Irrigation District to vote bonds of \$420,000 to finance purchase and construction of canals and ditches in district.

TRACY, San Joaquin Co., Cal.—Bonds of \$27,000 voted to finance enlargement of water system. W. D. Harrington, city engineer.

TRACY, San Joaquin Co., Cal.—Proposition to vote bonds of \$18,000 to erect and equip firehouse in section south of S. P. tracks failed to carry.

TRACY, San Joaquin Co., Cal.—Bonds of \$65,350 voted to finance improvement of sewage system; will include septic tank and pipe line. W. D. Harrington, city engineer.

RED BLUFF, Tehama Co., Cal.—Dec. 21 is date set in Red Bluff School District to vote bonds of \$97,200 to finance erection of new two-story concrete grammar school. Trustees of district are: W. A. Armstrong, Olive L. Bagley and J. G. Leard. Architect, W. H. Weeks, 399 Pine street, San Francisco, has been conferring with the school Board.

SANTA ROSA, Sonoma Co., Cal.—Supervisors sell \$57,000 bond issue of Healdsburg School District for premium of \$716; proceeds of sale to finance school improvements.

WATSONVILLE, Santa Cruz Co., Cal.—Board of Aldermen take under advisement bid of Pajaro Valley Natl. Bank for purchase of \$255,000 bond issue to finance purchase of privately owned and improvement of water system. Premium offered, \$5,130.

CHURCHES

Bids to be Asked March 1, 1923.
CHURCH Cost, \$50,000
MERCED, Merced Co., Cal. M and 19th streets.

Hollow tile and stucco church.
Owner—Bethel Methodist Church, John R. Kennedy, Pastor, Merced.
Architect—Mayo, Cowell & Bissell, Merced and Stockton.

Auditorium will seat 338 on main floor and 125 in gallery. Plans provide for installation of \$5,000 pipe organ. Gymnasium, locker rooms, club rooms, etc., will be housed in the basement.

Contract Awarded.
UNDERTAKING PARLORS, ETC. Cost, \$11,973

SOUTH SAN FRANCISCO, San Mateo Co., Cal. Maple and Linden Aves. Two-story reinforced concrete undertaking parlor and flat.
Owner—S. Neri, South San Francisco.
Architect—Ernest L. Norberg, Balboa Bldg., San Francisco.
Contractor—M. E. Green, 180 Jessie St., San Francisco.

Plans Being Prepared.
CHURCH Cost, \$500,000
LOS ANGELES, L. A. Co., Cal. Adams and Figueroa Streets.
Brick and reinforced concrete & stone church.
Owner—St. Vincent's Church.
Architect—Albert C. Martin, Higgins Bldg., L. A.

Completing Plans—Ready for Figures in Two Weeks.
CHURCH Cost, \$100,000
STOCKTON, San Joaquin Co., Cal. Center and Flora Streets.
Concrete church building (terra cotta finish and purple glazed roof).
Owner—First Church of Christ Scientist.
Architect—Glenn Allen, 37 S-Aurora St., Stockton.

FACTORIES & WAREHOUSES

Low Bidders.
RETAINING WALL Cost, \$11,250
SAN FRANCISCO Lot bounded by Lombard, Greenwich and Van Ness Avenue.

Concrete retaining wall.
Owner—Bothin Real Estate Co.
Architect—Arthur L. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Cabill Bros., 110 Sutter St., San Francisco.

Figures Being Taken From a Selected List of Contractors.
CANNERY BLDG. Cost—
OAKLAND, Alameda Co., Cal. First & Philbert Streets.
Two 1- and 2-story reinforced concrete and brick factory and warehouse buildings.
Owner—California Packing Corp., 101 California St., S. F.
Engineer—Philip L. Bush, 101 California St., San Francisco.

Plans Being Figured—Bids Close Dec. 13, 1922, 3 p. m.
OFFICE & LOFT BLDG. Cost—
SAN FRANCISCO, N W 5th and Clementina.
Two-story class "C" office and loft building 75x275 ft.
Owner—Lurie Co., Mills Bldg.
Architect—O'Brien Bros., 240 Montgomery Street.
Lessee—Folies Supply Co., 523 Mission.
Figures are being taken for a general contract with separate bids for the elevator.

Contract Awarded.
LOFT BLDG. Cost, \$12,250
SAN FRANCISCO, N Tehama 137-6 E Fourth.
Two-story class "C" loft bldg. (except wiring, hardware & whitewashing).
Owner—H. A. A. Muhs, 25 Stockton St.
Architect—Dodge A. Reidy, 550 Pacific Building.
Contractor—Fred Moller, 150 Jessie St.

Contract Awarded.
BOILER Cost, \$18,900
OAKLAND, E Market St., bet. 1st and Water Streets.
Boilers.
Owner—Pacific Gas & Elec. Co., 445 California St., S. F.
Contractor—C. C. Mode Co.

Plumbing Bids Wanted—Concrete Work.
Contract Awarded.
WAREHOUSE Cost, \$100,000
SAN FRANCISCO, N E 8th and Natoma Streets.

Two-story and basement reinforced concrete showrooms and whse. (except slab construction).
Owner—Talbot Investment Co.
Lessee—Geo. H. Tay Co., 2nd and Mission Street.
Architect—J. E. Krafft & Sons, Phelan Building.

As reported before, Alfred Vogt, 185 Stevenson St., has been awarded the concrete work, and Badt-Palk Co., Call Bldg., the reinforcing steel.

Figures to be Taken Shortly.
ALTERATIONS Cost, \$100,000
PETALUMA, Sonoma Co., Cal.
Alterations, additions and equipment for cold storage plant (reinforced concrete construction).
Owner—Petalum Ice & Cold Storage Co., a branch office of National Ice & Cold Storage Co., Postal Telegraph Bldg., San Francisco.
Architect—Engineering Dept of Owner Mr. Howell, in charge.

Sub-Figures Being Taken.
ADDITION Cost, \$100,000 to \$150,000
STOCKTON, San Joaquin Co., Cal. Church Street bet. McDougall and Stockton Streets.
Reinforced concrete and brick factory additions.

Owner—National Paper Products Co.
Architect & Contractor—Davis-Hecker-Pearce Co., Delta Bldg., Stockton.

Figures to Be Taken in Ten Days.
FACTORY BLDG. Cost, \$30,000
SAN FRANCISCO, S Brannan W 3rd St.
Two-story and basement class C factory building.
Owner—Lurie Co., Mills Bldg.
Architect—S. Heiman, 57 Post St.

To be Done by Day's Work.
ADDITION Cost, \$11,000
SACRAMENTO, Cal. On W. P. R. Hickman Trt E of Freeport Road.
Reinforced concrete addition to ice plant.
Owner—Consumers Cold Storage Co., 8th and D Sts., Sacramento.

Plans Being Prepared.
WAREHOUSE Cost—
LOS ANGELES, S. L. A. Co., Cal. San Bernardino Rd. near Barranca St.
Five-story and basement class A warehouse 250x150, reinf. concrete.
Owner—W. L. Fulle & Co.
Architect—Morgan Walls & Morgan, Van Nuys Bldg., L. A.

Plans Being Prepared.
LOFT BLDG. Cost, \$200,000
LOS ANGELES, L. A. Co., Cal. S W 8th and Los Angeles Sts.
Ten-story and basement class A loft building 30x16.
Owner—McComas Dry Goods Co.
Architect and Contractor—John M. Cooper, Marsh-Strong Bldg., L. A.

KLAMATH FALLS, Ore.—Chiloquin Lumber Co. will erect a box factory, planing mill, in addition to the present mill.

SAN DIEGO, Cal.—Bids for the construction of the first section of the city's municipal pier will be called about Dec. 20. Plans are being completed under the supervision of Frank G. White, chief engr. of the port of San Francisco. The work will include dredging of slips, erecting of concrete retaining walls, conc. curtain wall. The length of the new pier will be 1000 ft., and 400 ft. wide. Two tracks will be erected on each side and four in the center. The est. cost of the first section is \$200,000. The war dept. is planning to dredge approx. 377,000 cu. yds. from Area C, west of the new pier site. About 300,000 cu. yds. will be dredged by the city. Joseph Brennan, harbor-master. The plans are in the hands of the city commission now and a portion of the work advertised at once.

OLYMPIA, Wash.—West Coast Pulp and Paper Co., organized by the interests which owns the Hawley Pulp and Paper Co. plant at Oregon City, Ore., will construct a new mill in Olympia to be ready for operation January 1, 1924. About \$1,000,000 will be expended in buildings and the purchase of machinery. Clancy M. Lewis, secretary of the Manufacturers' Assn., announces the company has also purchased the brewery at Tumwater and will remodel the structure for the manufacture of paper.

YUBA CITY, Sutter Co., Cal.—Ellsworth Ellis, San Francisco financial expert representing the Kings Food Products Co., has advised the Sutter County Chamber of Commerce that his company is planning to erect a \$500,000 dehydrating plant in Yuba or Sutter county. The plant will employ from 200 to 400 persons.

SAN BERNARDINO, Cal.—Shell Oil Co. is negotiating a lease for 33,000 sq. ft. ground at foot of F St., south of Riata Ave., from the Pacific Elec. Co. as a site for a \$75,000 distributing and storage station. The capacity will probably be about 25,000 gals.

EVERETT, Wash.—Manning-Wyman Overall Co., of Butte, Mont., has purchased 900 lots in Snohomish county and will erect a factory for the manufacture of overalls.

RIVERBANK, Stanislaus Co., Cal.—Businessmen propose to finance \$25,000 cannery building for which C. L. Flack, of the First National Bank, Riverbank, has donated a site on the Santa Fe tracks, 100x400 ft.

AMARILLO, Texas.—U. S. Zinc Co., zinc smelting subsidiary of the American Smelting and Refining Co., has purchased 200 acres here and will construct a five-block smelter to cost \$400,000. Natural gas will be used in smelting the ores.

WOODLAND, Yolo Co., Cal.—J. W. Coons, manager of local branch of Pacific Gas & Electric Co., announces the company will erect a warehouse and office building at 4th and Main Sts. When construction will be started has not been decided, as plans have not been prepared.

FLATS

Contract Awarded.
FLATS Cost, \$20,000
BERKELEY, Alameda Co., Cal. No. 1271-73-75-77 Grove St.
Four two-story flats.
Owner—E. H. Williams, 2014 Central Ave., Berkeley.
Architect—None.
Contractor—C. A. Doyle, P. O. Box 84, Berkeley.

Contract Awarded.
FLATS Cost, \$15,000
SAN FRANCISCO, S Clement 30 E 23rd Avenue.
Three two-story frame stores and (2) flats.
Owner—Tony Aralozio, 2528 20th St.
Architect & Contractor—A. M. Hardy, 518 24th Ave.

GARAGES

Plans Being Prepared.
GARAGE, ETC. Cost, \$50,000
SAN FRANCISCO. S Ellis Street 137
 W Taylor Street.
 Two-story and basement reinforced
 concrete garage and store building
 3 or 4 stores (designed for 6-story
 building.)
 Owner—George Hackett.
 Architect—O'Brien Bros., 240 Mont-
 gomery St., San Francisco.

Contract Awarded.
GARAGE. Cost, \$26,000
STOCKTON. San Joaquin Co., Cal. No.
 26 East Channel Street.
 One-story brick private garage.
 Owner—Western States Gas & Electric
 Co., Channel & Sutter Sts., Stockton.
 Architect & Contractor—Davis-Heller-
 Pearce Co., Delta Bldg., Stockton.

Contract Awarded.
ALTERATIONS. Cost, \$15,000
SAN FRANCISCO. NW Jackson and
 Post Streets.
 Extensive alterations to two-story
 concrete garage (erect two run-
 ways, take out elevator, painting,
 plumbing, electrical work, etc.).
 Owner—Anglo Bank.
 Lessee—Sherwood Garage, Inc., 246
 Phelan Bldg., San Francisco.
 Architect—Not Given.
 Contractor—R. McLeran Co., Hearst
 Bldg., San Francisco.

VALLEJO. Solano Co., Cal.—Lamb &
 Lund, Vallejo, have contract at approx.
 \$7,000 to erect garage building for
 Rump and Kennedy, 729 Marin St., Val-
 lejo, to construct at Sonoma and Ken-
 tucky Sts.

SEATTLE. Wash. — Sylliason and
 Sando, Maynard Bldg., Seattle, at ap-
 prox. \$35,000 awarded contract to erect
 3-story brick and terra cotta garage
 and auto sales rooms for E. P. Sweney,
 L. C. Smith Bldg., Seattle. Will be erect-
 ed at Westlake Ave. and Roy St., and
 will cover an area of 430 by 108 ft.
 Warren L. Miller, architect, Haight
 Bldg., Seattle.

Plans Being Prepared.
GARAGE. Cost, \$50,000
STOCKTON. San Joaquin Co., Cal., Hun-
 ter and Channel Streets.
 One or 2-story reinforced concrete
 garage 100x80x150.
 Owner—Henry Cowell Estate, W. H.
 George, mgr., 2 Market St., S. F.
 Architect—Henry H. Meyers, Kohl
 Bldg., San Francisco

Plans Being Prepared.
GARAGE. Cost, \$16,000
SAN FRANCISCO. W 9th St. nr. Bryant
 One-story reinforced concrete garage.
 Owner—Withheld.
 Architect—S. Heiman, 57 Post St., S. F.

Contract Awarded.
GARAGE. Cost, \$—
SAN FRANCISCO. S Sacramento 91 W
 Polk Street, 62-63x17-8.
 Two and one-half-story and basement
 reinforced concrete garage.
 Owner—Louis R. Lurie, Mills Bldg., San
 Francisco.
 Architect—Arthur S. Bugbee, 26 Mont-
 gomery St., San Francisco.
 Contractor—Fred L. Hansen, 251 Kear-
 ney St., San Francisco.
 (4401) 1st report Oct. 28; 2nd Nov.

Sub-Plans Being Taken.
GARAGE. Cost, \$26,000
STOCKTON. San Joaquin Co., Cal. No.
 26 E-Channel Street.
 One-story brick Class C private garage
 Owner—Western States Gas & Electric
 Co., Channel & Sutter Sts., Stockton
 Architect & Contractor—Davis-Heller-
 Pearce Co., Delta Bldg., Stockton.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Until January
 16, 11 A. M., bids will be received by
 U. S. Veterans' Bureau, Office of the
 Quartermaster General, 2306 Munitions

Bldg., Washington, D. C., to construct
 Neuro-Psychiatric Hospital at Ameri-
 can Lake, Tacoma, Wash. Work will
 include construction of 28 buildings of
 reinforced concrete, tile and brick,
 complete with water, lighting, heat-
 ing and sewer systems, roads and
 walks. Plans may be obtained from
 Quartermaster General at Washington
 on deposit of \$100 and are on file at
 office of Constructing Quartermaster at
 Fort Mason, San Francisco, and the
 Quartermaster Supply Offices at Stacy
 Street Terminal Bldg., Waco, Tex., and
 New Post Office Bldg., Portland, Ore.
**See call for bids under official proposal
 section in this issue.**

PEARL HARBOR, T. H.—Until 11 a.
 m., Jan. 24, bids will be received by
 Bureau of Yards and Docks, Navy Dept.,
 Washington, D. C., for refrigerating
 and ice-making plant at naval opera-
 tions base at Pearl Harbor, Spec.
 4735 may be obtained upon application
 to the bureau of yards and docks,
 Washington, D. C. Commandant, Navy
 Yard, Mare Island, and Commandant,
 Naval Operating Base, Pearl Harbor, T.
 H., by deposit of \$10. The work con-
 sists of refrigerating and ice-making
 equipment, using as refrigerant any
 suitable substance except ammonia
 and consisting of two motor-driven
 condensers, liquid receiver, two mo-
 tor-driven brine pumps, a motor-driven
 circulating water pump, a combination
 freezing and brine-cooling tank with
 expansion coils, a water pre-cooler
 tank with coils, a pressure filter, brine
 agitator, water agitator system by
 compressed air, automatic can filler,
 hand-operated crane, automatic can
 dump and ice chute, ice cans, oil and
 scale traps, piping and other accessori-
 es; also brine piping for existing cold
 storage rooms and cook's boxes and
 the construction of an ice-storage room in
 the Subsistence Building. The capacity
 shall be 3000 pounds per 24 hours.

CHEMAWA, Ore.—Department of the
 Interior U. S. Indian Field Service, Sa-
 lem Indian School, Chemawa, Ore., is
 about to construct a large dormitory
 and desires to communicate with Cali-
 fornia architects having experience in
 brick and cement. Bids for these ma-
 terials will be asked for shortly.

WASHINGTON, D. C.—Bids are being
 received by Bureau of Supplies and Ac-
 counts, Navy Department, for fur and
 del. supplies to Navy Yards as fol-
 lows: date for opening bids as noted
 at end of each paragraph.
 Schedule 336, San Diego, 2000 ft. cot-
 ton fire hose, Dec. 19.
 Schedule 342, Philadelphia and Mare
 Island, 221,000 pounds white zinc, De-
 cember 19.
 Schedule 343, Puget Sound, 1 switch-
 board, Dec. 19.

Schedule 344, various eastern and
 western yards, a miscellaneous quan-
 tity of flashlights and batteries, De-
 cember 19.

Schedule 347, for Puget Sound, Wash.,
 6000 ft. No. 3 single conductor cable and
 6000 ft. 3-conductor cable, Dec. 19.

Schedule 354, various eastern and
 western yards, a miscellaneous quan-
 tity of magnesia pipe covering and as-
 bestos plaster, Jan. 9.

Schedule 359, Mare Island, 130 sheets
 plate glass, Jan. 9.

WASHINGTON, D. C.—Navy budget
 carries an appropriation of \$1,500,000
 for further improvements at Mare Is-
 land, Cal., navy yard, including docks
 and dredges and \$330,000 for con-
 struction of the San Diego naval training
 station. For Pearl Harbor, H. T. \$693,-
 000 is available to improve and increase
 the activities of the naval station, sub-
 marine base and ammunition depot.

POSITION WANTED — Young
 man experienced in manufactur-
 ing of sheet metal products seeks
 an opening in charge of plant;
 experienced in building sheet
 metal work, doors, heating and
 ventilating; irrigation work;
 tanks and specialties; estimator.
 Able to design products and or-
 ganize plant and furnish list of
 references. Address "Engineer"
 Building and Engineering News,
 560 Mission Street, San Francisco.

SEATTLE, Wash. — Following bids
 received by U. S. Engineer Office, for
 fur, thrust bearings and pump shafts:
 (1) for bearings; (2) for shafts:
 (1) Helsor Machine Works, Portland,
 Ore., (1) \$300, (2) \$100, accepted 30
 days; Smith & Watson Iron Works,
 Portland, (1) \$500 accepted, (2) \$750,
 30 days; Draper Engine Works, Seattle,
 (1) \$600, (2) \$600; Marks Machinery
 Co., Seattle, (1) \$825, (2) \$470, 30 days.
 Washington Engineer Sales Co., Seattle
 (1) \$665, (2) \$815, 23 days; Willamette
 Iron and Steel Works, Portland, (1)
 \$750, (2) \$740, (2) \$100, Olympic Foundry
 Co., Seattle, (1) \$1134, (2) \$714, 15
 days; Enterprise Machine Works, Seat-
 tle, (1) \$586, (2) \$1418.

WASHINGTON, D. C.—Following is
 a list of prospective bidders for pro-
 jects to be constructed under the su-
 pervision of the Bureau of Yards and
 Docks, Navy Department:

Pearl Harbor, T. H.—Refrigerating
 and ice making plant; spec. No. 4735,
 bids to be opened Dec. 20:

Wittmayer Machinery Co., \$50 N.
 Spaulding Ave., Chicago, Va.; Van
 Works, 1849 Kearny St., San Francisco;
 Vilter Mfg. Co., 935 Clinton St., Mil-
 waukee, Wis.; Armstrong Cork and In-
 sulating Co., foot 24th St., Pittsburgh;
 Iden Mfg. Co., 1000 So. Co. 5 W. Leab-
 ard St., Baltimore; Kroeschel Bros.,
 Inc., Machine Co., 39 Church St., New
 York City; American Carbonic Machi-
 nery Co., The Arctic Ice Machine Co.,
 514 Market St., Canton, Ohio; The Ch-
 sel Refrigerating Co., 61 Bldwy., New
 York City; Erick Co., Washington;
 Buffalo Refrigerating Machine Co., 39
 Lafayette St., Brooklyn, York Mfg. Co.,
 Munsey Bldg., Washington; General
 Electric Co., Schenectady, N. Y.

San Diego, Cal.—Garage, fence and
 pavement, Spec. No. 4741; bids to be
 opened Dec. 20; Puget Sound, Wash.,
 14th N. W., Washington, D. C.

Pearl Harbor, T. H. — Constructing
 piers; Spec. No. 4687; bids to be opened
 Jan. 2, P. O. Carlis Const. Co., Grand
 Central Terminal Bldg., New York City
 Puget Sound, Wash. — Extension to
 pier; Spec. No. 4707; bids to be opened
 Dec. 20; R. E. Anderson Co., Equitable
 Bldg., Tacoma, Wash.

SEATTLE, Wash. — Following bids
 received by U. S. Engineer Office for
 fur, dredging sleeves; U. S. Rubber Co.,
 Seattle, \$960, 30 days; f. o. b. Raymond,
 accepted; Pioneer Rubber Mills, San
 Francisco, \$1096.80, 30 days; f. o. b.
 \$978, f. o. b. Pittsburgh, Calif.; New
 York Belting and Packing Co., New
 York City, \$1042, f. o. b. Raymond, and
 \$957.69, f. o. b. Raymond.
 B. F. Goodrich Rubber Co., Seattle,
 \$1042.04 Raymond, and \$997.20 Akron;
 Boston Vio-n Hose and Rubber Co.,
 Seattle, \$1042.04, f. o. b. Cambridge, Mass.
 Goodyear Tire and Rubber Co., Seattle,
 \$1139.76 Raymond, and \$1026 f. o. b.
 Akron.

SEATTLE, Wash. — Following bids
 rejected by U. S. Engineer Office for
 fur, turbo generator; A. H. Cox, Ray-
 mond, Wash., \$475, 30 days; Westinghouse
 Electric and Mfg. Co., \$57.35, 30
 days; Thompson & Castleton, Inc., \$350
 f. o. b. Seattle, Wash.; General Electric
 Co., \$1045 f. o. b. Raymond, Wn.

WASHINGTON, D. C.—Representative
 Samuel S. Arentz has introduced
 a bill providing for appropriation of
 \$100,000 to finance construction of a
 new Federal building at Lovelock,
 Nevada.

PLACERVILLE, El Dorado Co., Cal.—
 Chamber of Commerce backs movement
 to secure appropriation of \$100,000 to
 erect Federal building to house post
 office and Forest Service Departments.
 The Government already contemplates
 the purchase of a site for the structure.

HALLS AND SOCIETY BUILDINGS

LOS ANGELES, L. A. Co., Cal.—Ar-
 chitects Allison & Allison, 1305 Liber-
 nian Bldg., L. A., have completed plans
 for the 5-story class A women's club
 building to be erected to the corner of
 near 10th St., for the Friday Morning
 Club. Bids will be taken on segregated
 contract basis as soon as plans have
 been approved by city bldg. dept.

Plans Being Figured—Bids Close December 27, 1922, 10 a. m.
FACULTY BLDG. Cost—
BERKELEY, Alameda Co., Cal., University grounds.
 Three-story frame and stucco woman's Faculty Bldg.
 Owner—University of California.
 Architect—John Galen Howard, First Nat. Bldg. Bldg., S. F.
 Bids are being called for a general contract. See official proposals for notice to contractors.

BERKELEY, Alameda Co., Cal.—Masonic Temple Association has purchased property 50x135 ft., adjoining the present structure in Bancroft Way on which it is proposed to construct additions to the present quarters.

FRESNO, Fresno Co., Cal.—The Fraternal Order of Eagles, Fresno Aerie No. 33, has organized a building association and plans the erection of a six-story fireproof office, store and lodge building at M and Fresno Sts., to cost \$500,000. Mark J. Hall, 921 Terrace St., Fresno, is treasurer of the building association. Other members are: Roy Harrington, E. C. Preston, M. Sullivan, A. Anderson and C. H. Yurk, secretary. Construction will be started early in 1923.

HOSPITALS

Plans Being Prepared.
OAKLAND, Alameda Co., Cal., 14th Ave. and E-27th St. (Highland Hospital)
 Two-story reinforced concrete and terra cotta administrative bldg for county hospital.
 Owner—Alameda County.
 Architect—Henry H. Meyers, Kohl Bldg., San Francisco.
 Plans will be complete in March or April of 1923.

LOS ANGELES, Cal.—The Santa Fe Railway Co. is having plans prepared by its engineering dept. for a 4-story class A hospital building to replace the present hospital building at 10th and St. Louis Sts. L. A. Steel frame constr., brick and hollow tile walls, reinf. conc. floors, stucco ext., clay tile and comp. roofing, marble and tile work, steam heating, elevators, hospital equipment, \$200,000.

FAIRFIELD, Solano Co., Cal.—American Ice Machine Co., 38 Sutter St., San Francisco, submits low bid to supervisors to install refrigerating plant in county hospital, Johns-Manville Co., San Francisco, bid \$3,305. Taken under advisement.

REDWOOD CITY, San Mateo Co., Cal.—Bids received by supervisors to fix and install kitchen equipment in county (community) hospital have been taken under advisement until December 15.

SEATTLE, Wash.—Hans Pederson, Alaska Bldg., Seattle, at approx. \$1,000,000 awarded contract to erect St. Vincent's Home for Aged and House of Providence on 10-acre tract on 10th St. E., southwest bet. West Edmunds and West Hudson Sts. Bids for sub-contracts, electric work, plumbing, heating, etc., will be taken by Architect John Graham, Smith Bldg., Seattle, shortly. Structure will be of brick and reinforced concrete construction, 5 sto. high, 275 by 294 ft., housing 400 persons.

REDWOOD CITY, San Mateo Co., Cal.—County supervisors reject bids to install piping and tanks for water supply for county (community) hospital. Bids for landscape work also rejected. New bids will probably be asked. W. H. Toepeke, architect, Call Bldg., San Francisco.

REDLANDS, San Bernardino Co., Cal.—Arch. Myron Hunt, 1107 Hibernian Bldg., L. A., has been commissioned to prepare plans for a new bldg. to be erected at Redlands for Redlands Sanitarium. It will be designed to accommodate 40 beds and will be a 3-story reinf. conc. structure. Further details not determined.

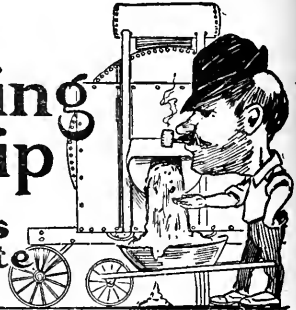
REDWOOD CITY, San Mateo Co., Cal.—Engineering Structures Co., Call Bldg., San Francisco, at \$956 awarded contract by supervisors for electric work at county (community) hospital.

UPLAND, San Bernardino Co., Cal.—Arch. Myron Hunt, 1107 Hibernian Bldg., L. A., is completing plans for the new hospital and nurses' home bldgs. to be erected at Upland for San Antonio Hospital Assn. The hospital will contain accommodations for 35 beds; 1-story, hollow conc. wall constr., tile or shingle roofing, terrazzo floors, steam heating. The nurses' home will contain 14 rooms and sleeping porch; 1-story, hollow conc. wall constr. Bids will be taken shortly after Jan. 1.

EVERETT, Wash.—Architects Bebb & Gould, Securities Bldg., Seattle, representing Eastern firm of Architects, will ask bids immediately for three-story general hospital to be erected at Everett. Will have capacity of 72 beds. A. H. B. Jordan, Everett, represents owners of project.



Ye Building Gossip or Pratt's Concrete Mix



VICTORY HIGHWAY ASSOCIATION
 Harvey M. Toy, Director for the San Francisco Bay District
 Manx Hotel, San Francisco, Nov. 29, 1922.

Clarence F. Pratt,
 Rock, Sand & Gravel Producers,
 518 Hearst Bldg.,
 City.

The Victory Highway development is progressing very rapidly. It looks as though this great highway with its terminus at San Francisco would be opened for through travel during 1923, and in very good shape by 1924.

We must complete the fund of \$50,000 that San Francisco is raising and I am making a very urgent request to you to endeavor to get your quota together as soon as possible. It seems fair to us that the Rock, Sand & Gravel Producers should contribute \$250 a year for three years. There is nothing that will so aid the development of San Francisco as the completion of this transcontinental highway over which thousands of tourists coming to California will travel—even those whose ultimate destination is the southern part of the State.

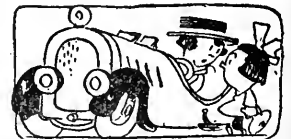
From every angle San Francisco is the great beneficiary. I am devoting a great deal of time to this matter and would appreciate your adopting some strenuous methods of getting this money together as quickly as possible. We must act now if we are going to bring about satisfactory results.

Very truly yours,

HARVEY M. TOY, Western Director.

THIS IS something.
 THAT THE Builders' Exchange.
 AND EVERY businessman.
 IN SAN Francisco.
 SHOULD INTEREST themselves in.
 IT WILL bring tourists.
 BY THE hundreds.
 INTO NORTHERN California.
 AND THE bay district.
 IT IS true.
 THAT THESE tourists.
 WILL PASS the sand plants.
 OF CLARENCE Sand Pratt, President.
 OF THE Pratt Building Material Co.
 DOUGLAS 300—"easy to remember."
 IN FACT the sand plant.
 ON THE American River.
 AT SACRAMENTO.
 IS LESS than 100 feet.

FROM THE highway.
 AND AS the tourists.
 PASS THIS sand washing plant.
 THEY WILL read the sign.
 WHICH TELLS how.
 IN THE days of '49.
 THE MINERS washed this sand.
 FOR GOLD and everything.
 "I THANK you."



Tourists along the Victory highway will not only see the wonderful sand washing and screening plants of the Pratt Building Material Company, but hundreds of other scenes like the above will also present themselves for California is noted for its pretty girls and sand plants.

Preliminary Plans Being Prepared.

HOTEL Cost, \$—
LOS ANGELES, Los Angeles Co., Cal.
 Adj. No. 426 S-Hill Street.
 Two-story and basement Class A hotel building, 73x166 (250 rooms).
 Owner—E. P. Clark of Clark Hotel, Los Angeles.
 Architect—E. J. Add and Richards, Brack Shops Bldg., Los Angeles.

Plans Being Prepared.

HOTEL Cost, \$125,000
DINUBA, Tulare Co., Cal., NW Cor. of Fourth and J Streets.
 Five-story fireproof hotel.
 Owner—Dinuba Improvement & Investment Co., Clarence Wilson, President, Dinuba, Cal.
 Architect—Ernest J. Kump, Rowell Bldg., Fresno.
 Means of financing have worked out and bids for construction will be asked for early in 1923.

Preliminary Plans Being Prepared.

HOTEL Cost, \$500,000
LOS ANGELES, L. A. Co., Cal., 5th and San Pedro Streets.
 Seven-story class A hotel bet. 600 and 800 rooms, 150x150.
 Owner—Seymour Hotel Corp. (operator of the Baltimore Hotel, L. A.)
 Architect—Peil & Verge, 358 New High Street, L. A.

Plans Complete.

REMODELING Cost—
STOCKTON, San Joaquin Co., Cal., Weber Ave. bet. Hunter and San Joaquin Sts. (Tretoway Bldg.)
 Complete remodeling of 3-story brick complete building.
 Owner—Henry Cowell Estate, W. H. Gebre, mgr., 2 Market St., S. F.
 Architect—Henry H. Meyers, Kohf. Bldg., S. F.

Sketches Prepared.

HOTEL Cost, \$150,000
SANTA BARBARA, Santa Barbara Co., Cal., St. and Carrillo Sts.
 Three-story brick woman's hotel (100 rooms, tapestry brick exterior).
 Owner—Recreation Center.
 Architect—Miss Edith Morgan, Merchants Exchange Bldg., S. F.

A large lounging room for general gatherings, smaller reading and rest rooms, dining room, kitchen, sewing rooms and laundry and even a place for the guests to shine their own shoes.

FAIRFIELD, Solano Co., Cal.—Thos. Mohamed will erect a two or three story concrete hotel on the property occupied by the Fairfield Emporium. The building will contain about 30 rooms and will be steam heated.

EUGENE, Ore.—Archts. Tourtelotte & Hummel, 311 Failing Bldg., Portland, Ore., preparing plans for 4 and 9 story reinforced concrete and stone hotel to be erected at Villamette and 10th Sts. for Frank Berger, of Eugene, and James Clark; est. cost \$300,000. Will have frontage of 160 ft. on Willamette St., and 120 ft. on 10th St.

LOS ANGELES, Cal.—Llewellyn Iron Works, of L. A., has been awarded a contract at about \$113,000 for fur and erecting a 12-story steel hotel for the 12-story class A hotel addition to be erected at 5th and Main Sts., L. A., for Hart Bros., proprietors of the Rosslyn Hotel, John Parkinson and Donald E. Parkinson, 420 Title Ins. Bldg., Los Angeles, architects.

ROSEVILLE, Placer Co., Cal.—Chambers of Commerce is conferring with private parties who propose to erect a modern hotel building in this city. Details will be available when negotiations are further advanced.

BUTTE, Montana.—Bids are being received by J. Bruce Kremer, chairman of committee of businessmen in charge, to erect a fireproof hotel building; total cost with furnishings \$1,000,000.

LOS ANGELES, L. A. Co., Cal.—Arch. C. C. Rittenhouse, 449 Wilcox Bldg., L. A., is preparing plans for a 20-story concrete office and hotel building to be erected at the northeast corner of 7th St. and Central Ave. for Cohn-Goldwater Co. It will contain 21 stories in the first story, 73 offices, 4 hotel rooms, 20 baths and 6 showers in the upper stories, 220x250 ft. and 75 ft. deep.

PORTERVILLE, Tulare Co., Cal.—The contract to erect a 2-story class A steel and concrete bath house 68x50, for California Hot Springs. The main floor will have shower, steam and hot water baths, two small hot water plunges, treatment rooms, lobby and rest room. The upper story will contain glass sun parlors for men and women. The basement will have dressing rooms, drying, laundry and boiler rooms.

POWER PLANTS

CALIFORNIA—See Applications filed with State Division of Water Rights, under heading of Irrigation, in this issue.

TAMPICO, Mexico.—The Compania Terminal de Lobos de Tampica has presented a petition to the Mexican Government for permission to use the waters of the Rio Colorado for industrial purposes. It is planned to build a hydro-electric plant at Tanchisun, State of Vera Cruz. The amount of water sought in the petition is 387,577 cubic meters annually.

SAN JOSE, Santa Clara Co., Cal.—The De-Hi Food Products Co. will erect a dehydrating plant on a 5 acre site on Union Ave. at the intersection of the S. P. Railroad. A. P. Marston, trustee of the California Prune and Apricot Growers, Market and San Antonio Sts., San Jose, is the president.

SACRAMENTO, Cal.—Nevada-California Electric Corp. plans to expend about \$5,000,000 within the next ten years for construction work and addition to present system. Included in the new construction work of the corporation, which now supplies power to the mining industry of Nevada and industrial and agricultural districts in southeastern California, will be seven new hydro-electric plants which will give an added capacity of 46,500 horsepower, which with the present capacity of 42,380 horsepower will give the company a total of 190,830 horsepower.

PUBLIC BUILDINGS

Completing Plans.
TEMPLE Cost, \$100,000
ALAMEDA, Alameda Co., Cal. Alameda and Park Streets.
 Two-story reinforced concrete temple.
 Owner—Masonic Temple Ass'n.
 Architect—Carl Werner, Santa Fe Bldg. San Francisco.

Plans for the new building calls for a large auditorium hall, ballroom, banquet halls, kitchens, several large rooms, besides the main hall, smokers, club rooms and locker halls.

Preliminary Plans Accepted.
HALL Cost, \$14,000
PARLIER, Fresno Co., Cal.
 Two-story brick and stucco Community Hall, club rooms, auditorium, etc.
 Owner—American Legion, Parlier Rains Post No. 36, Parlier, Cal.
 Architect—Swartz & Ryland, Rowell Bldg., Fresno.

Contract Awarded.
ALTERATIONS Cost, \$12,143
KINGSBURG, Fresno Co., Cal.
 Remodel passenger station.
 Owner—Southern Pacific Co., Frem.
 Architect—None.
 Contractor—C. H. Hansen, Fresno.

OROVILLE, Butte Co., Cal.—O. A. Jones, of Chico, at \$3000 awarded contract by supervisors to construct branch county jail at Durham.

KINGSBURG, Fresno Co., Cal.—Kingsburg Post No. 191, American Legion, has had plans prepared for the addition to a gymnasium, banquet room and club quarters to the present clubhouse. A building committee has been appointed to secure bids to see if the work can be done for the funds on hand.

PETALUMA, Sonoma Co., Cal.—Preparations are being made to erect a new labor temple. Following has been ap-

pointed as a building committee to secure plans and estimates of cost: H. A. Warmouth, chairman; L. A. Smart, W. Bazzal, Rose Hinshaw, W. J. Wright.

HUNTINGTON BEACH, Orange Co., Cal.—Until 1923 or Dec. 26, bids will be received by city trustees of Huntington Beach for painting the new city hall building; Walker & Eisen, 325 Pac. Finance Bldg., L. A., architect; clerk, city clerk.

BERKELEY, Alameda Co., Cal.—Bids were received as follows on December 14th by the Controller of the University of California, the excavating and concrete work in connection with the construction of the Memorial Stadium to be erected in Strawberry Canyon, Berkeley. Plans were prepared by a Commission composed of E. E. Carpenter, Geo. F. Buckingham and John Galen Howard, University of California, Berkeley.

Bids were taken on the following propositions: Proposition "A" (1) Clearing and grubbing; (2) Minor excavations and back filling; (3) Constructing and installing Strawberry Creek culverts complete; (4) Constructing and installing tunnels and branches complete; (5) Footings and piers; (6) Major excavations and embankments; (7) Major dressing. Proposal "B" (a) If hydraulic method is used; (b) If moistening and compaction method is used.

Schulder and McDonald, 15th and Franklin streets, Oakland, Proposal A, (3) a \$17,280, b \$216, c \$630; (4) a \$1620 \$9030, b \$864 \$3440, c \$864 \$265, d \$864 \$3656, e \$864 \$263, f \$540 \$12,010; (5) a \$570, b \$216, c \$216, d \$216, e \$216, f \$216, g \$216, h \$216, i \$216, j \$216, k \$216, l \$216, m \$216, n \$216, o \$216, p \$216, q \$216, r \$216, s \$216, t \$216, u \$216, v \$216, w \$216, x \$216, y \$216, z \$216.

Fates and Borland, Oakland, Proposal A, (1) \$3000; (2) a \$135, b \$120, c \$120, d \$120, e \$120, f \$120, g \$120, h \$120, i \$120, j \$120, k \$120, l \$120, m \$120, n \$120, o \$120, p \$120, q \$120, r \$120, s \$120, t \$120, u \$120, v \$120, w \$120, x \$120, y \$120, z \$120.

Standard Industrial Engineering Co., 550 Montgomery Street, S. F. (no check), Proposition B alternate A \$250,000.

Schultz Constr. Co., 46 Kearny street, A and B \$317,000.

SALEM, Ore.—Rounds-Clist Co. of Portland, Ore., at \$103,463, submits low bid to State Board of Control for general construction of buildings for Oregon Employment Institution for the blind to be erected at E-34th and Gilson Sts. from plans of H. H. Huchaling & Douglas, Architects, Elks Bldg., Portland. Fox & Co., Portland, low bidders for plumbing and heating; Alaska Plumbing & Heating Co., Portland, low on heating only, \$17,700 and Beckberg Plumbing Co. low on plumbing only, \$12,747.

Stebinger Bros., Portland, second low bidder for general construction at \$105,245; and Frenschel & Fandel, Portland, 2nd low bid at \$111,690. Group will consist of administration building, 2-story, 45x150 ft., with auditorium seating 250; men's dormitory, 60x167 ft., 2 story, 30 rooms; work shop, 63x160 ft., one-story and power house, 32 x72 ft., one-story, all of brick construction.

RESIDENCES

Contract Awarded.
RESIDENCE & GAR. Cost, \$18,000
PIEDMONT, Alameda Co., Cal. 115 Guilford Road.

Two-story 10-room frame residence and garage.

Owner—Arthur Clark.
 Contractor—Fred J. Westlund, 351 12th St., Oakland.

To be Done by Day's Work.
BUNGALOWS Cost, \$4000 each
BERKELEY, Alameda Co., Cal. Edith Street bet. Vine and Rose Sts.
 30 to 40 one-story frame bungalows.
 Owner—F. C. Peak and L. C. Marquis, 2045 Shattuck Ave., Berkeley.
 Architect—None.

Work will be started in about a week.

Contract Awarded.
DWELLING Cost, \$16,700
FRESNO, Fresno Co., Cal. No. 541
 Terrace Avenue.
 Dwelling.
 Owner—M. Brophy, 1415 N. St., Fresno.
 Architect—None.
 Contractor—Shorb & Neads, 627 McKinley Ave., Fresno.

Contract Awarded.
ALTERATIONS Cost, \$10,000
SAN FRANCISCO, W Hyde Street 95-10
 S Chestnut Street.
 Remodel two-story and basement residence into apartment.
 Owner—Mrs. E. E. Williams, 2636 Howard St., San Francisco.
 Architect—None.
 Contractor—Williams & Wood, 601 Mills Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, \$36,000
FRESNO, Fresno Co., Cal. No. 805 and
 835 Weldon Avenue.
 Two two-story apartment houses (4 apts. each).
 Owner—L. E. Smith, 2934 Madison St., Fresno.
 Architect—None.
 Contractor—Roy Martin, Fresno.

Plans To Be Prepared.
RESIDENCE Cost, \$30,000
SAN FRANCISCO, Ingleside Terrace.
 Two-story and basement frame and stucco residence with terra cotta roof (14 rooms, 3 bathrooms, and garage for 3 machines).
 Owner—M. Spiegelman.
 Architect—S. Heiman, 57 Post St., S. F.

SCHOOLS

Plans Being Prepared.
SCHOOL Cost, \$90,000
LOS ANGELES, Los Angeles Co., Cal.
 Isleta Drive.
 One and two-story brick and hollow tile 8-room school, 139x116.
 Owner—Los Angeles Board of Education.
 Architect—Hudson & Munsell, Douglass Bldg., Los Angeles.

Changes Being Made in Plans.
ADDITION Cost, \$2,000
OAKLAND, Cal. Perry and Grand Ave.
 (Lakeview School).
 Three-story steel and brick school addition.
 Owner—City of Oakland.
 Architect—C. W. Dickey & John J. Donovan associated, Pacific Bldg., Oakland.

Changes are being made in the plans, which has delayed the calling of bids. The work will be segregated as follows: General work, lathing and plastering, heating and ventilating, plumbing and electrical work.

Commissioned To Prepare Plans.
COLLEGE BLDGS. Cost, \$650,000
STOCKTON, San Joaquin Co., Cal., 50
 acre tract.

Seven 2-story reinf. conc. brick and terra cotta college bldgs. (Collegial Gothic architecture).
 Owner—College of the Pacific.
 Architect—Davis-Heller-Pearce Co., Delta Bldg., Stockton.

The buildings in the group will be known as the Liberal Arts, Administration, Auditorium, Conservatory of Music, Men's Dormitory, Women's Dormitory, Gymnasium, and swimming tank.

Plans for the landscaping will also be prepared by the architects. Construction will be started about June 1, 1923.

All Bids Rejected—New Bids to be Called For This Week.

AUDITORIUM ETC. Cost, \$250,000
LODI, San Joaquin Co., Cal.
 Two-story Science building, two-story Auditorium and one-story Manual Training buildings (brick, steel and concrete Class C construction) and construction of swimming tank and alterations to present buildings. (All buildings have pressed brick exterior).

Owner—Lodi Union High School Dist. Architect—Wright & Sweeney and L. S. Stone, Bank of Italy Bldg., Stockton.

Plans Being Figured—Bids Close Jan. 12, 1923.

SCHOOL Cost, \$75,000
CLARKSBURG, Yolo Co., Cal.
 One-story reinforced concrete eight-room and auditorium school.
 Owner—Clarksburg Grammar School District.
 Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans may be obtained from the architect. Figures are being taken for a general contract with separate bids for the heating.

Plans Being Prepared.
ADDITION Cost, \$15,000
BURLINGAME, San Mateo Co., Cal.
 One-story four-room frame addition to school.
 Owner—Burlingame Grammar School District.
 Architect—Ernest L. Norberg, Balboa Bldg., S. F. and Burlingame.

Plans will be ready for figs. in about a month.

Plans Approved—Bids To Be Advertised for in January.
SCHOOL BLDGS Cost, \$540,000
SACRAMENTO, Sacramento Co., Cal.,
 34th, 35th, U and V Streets.
 Eight 1 and 2-story brick steel, conc. and terra cotta high school bldgs. (Classrooms, gymnasium, etc.)
 Owner—Sacramento Grammar School District.
 Architect—E. A. Mathews and H. Simpson, Call Bldg., S. F.

LOS ANGELES, Cal. — Until 9 a. m.
 Dec. 27, bids will be received by the board of education for erecting new building at West Athens school site, on Virgil St., bet. Vermont and Bunting Aves., L. A. Edelman & Zimmerman, architects. Bids will be taken separately on general contract, plumbing, heating, painting and electric wiring. Plans and spec may be obtained at secretary's office, 730 Security Bldg., L. A. The bid will contain 12 units: 2-story, brick construction, 108x146 ft., stucco exter., clay tile roofing, pine trim, maple floors, marble and tile work; \$84,000.

JENNINGS, Stanislaus Co., Cal. — Architect Jas. H. Hoose, Modesto, preparing plans to remodel and extend school for Laird School District. Extensions will consist of auditorium and classrooms to accommodate 80 additional pupils.

EUREKA, Humboldt Co., Cal. — Until Jan. 2, 7:30 p. m., bids will be received by Geo. B. Albee, sec. Board of Education, for fur. and installing machinery and other equipment in the Eureka High school. Cert. Check \$50 payable to district required. Spec. obtainable from secretary.

SAN BERNARDINO, San Bernardino Co., Cal. — Archt. Howard E. Jones, 405 Katz Bldg., San Bernardino, has completed preliminary sketches for two school bldgs., which board of education will erect under \$340,000 school bond issue to be voted on Jan. 30. The schools are to be built at the "F" St. and Riley St. school sites. Percy R. Davis, city superintendent.

WALLA WALLA, Wash. — O. D. Keen, Walla Walla, Wn., at \$64,720 submits low bid to construct men's dormitory at Whitman College. Other low bids are: Alaska Plumbing and Heating Co., for plumbing, \$8154; G. S. Sutherland, Seattle, for heating \$5900; Ne Page-McKenney Co., Seattle, electric work \$2763.

A. E. Leitch

Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

SISSON, Siskiyou Co., Cal. — Sisson Grammar School District has had plans prepared and will shortly advertise to construct 8-room reinforced concrete school.

VALLEJO, Solano Co., Cal. — Until Jan. 2, 3 o' m., bids will be received by W. E. Corcoran, clerk, Hunter School District, 403 Alameda St., Vallejo, to construct one story school building. Plans obtainable from clerk on deposit of \$5, returnable. Cert. check 10% payable to clerk required.

STEWART, Nevada. — J. M. Christopher, Carson City, at \$460 submits low bid to Frederick Snyder, Carson Indian School, to erect stone portion of mess hall. R. E. Leland, Carson City, bid \$7825.

EUREKA, Humboldt Co., Cal. — O. B. Ackerman, Eureka, at \$22,856 awarded contract Carson City, at \$460 submits low bid to construct additions to high school consisting of gymnasium, shower and locker rooms, etc.

TULARE, Tulare Co., Cal. — Archts. Swartz and Ryland, Rewell Bldg., Fresno, preparing plans for addition to auto mechanics building to be erected for Tulare Union High School District; est. cost \$10,000.

Same archts. also preparing plans for addition and alterations to manual arts building; est. cost \$12,000.

LOS ANGELES, Los Angeles Co., Cal. — Architects Kempel & Erkes, Bradbury Bldg., Los Angeles, have been commissioned by the Board of Education to prepare plans for a new 12-unit school building at Green Meadows school site. It is to cost \$84,000. The board authorized its architectural department to prepare plans for a new junior high school at 30th St. and the Wilshire District at a cost of \$350,000. Architect Frederick J. Soper, Kerckhoff Bldg., Los Angeles, was commissioned to prepare plans for a junior high school near 30th St. and Western Ave. to cost \$350,000. The building committee recommended Richard D. King as architect for a 12-room school to cost \$84,000. Architects S. F. John C. Austin as architect for a junior high school in Arlington Heights, and Walker & Eisen, as architects for a junior high school east of the Good-year plant, but owing to the fact that sites have not been secured and no funds appropriated in the bond budget for these schools, the appointment were deferred until sites are secured and funds are available.

LOS ANGELES, L. A. Co., Cal. — Heltman Constr. Co., 900 Merritt Bldg., L. A., has been awarded the general contract at \$114,000 for erecting a new bldg. at Sunset Blvd. and Las Palmas Ave. in Blessed Sacrament Parish for Roman Catholic Bishop of L. A. and San Diego. Bids on plumbing, heating and electric work and advisement, Thos. Franklin Power, 307 Tajo Bldg., archt. The building will be 2-story, 125x165 ft. and will contain 16 classrooms and auditorium; reinf. conc. const., plas. exter., cast stone trim, clay tile roofing, pine trim. The bids were: Horton Constr. Co., \$97,000; F. W. Johnson, \$29,700; Macdonald & Dwyer, \$105,800; Heltman Constr. Co., \$114,000; Ransford-Goble Co., \$120,000; Pozzo Constr. Co., \$147,265; and L. A. Planning Mill Co. and J. W. McNeil Co., bet. \$147,000 and \$148,000. The award will be influenced by the time limit required. (39755) 1st report Aug. 18; 2nd Nov.

SANTA BARBARA, Santa Barbara Co., Cal. — Board of Education recently made the following awards for school equipment: C. F. Weber Co., 140 adjustable school desks at \$8.35, 36 chairs at \$2.14, 84 toilet arm chairs at \$5.75; total, \$1431.40 Rucker-Fuller Desk Co. — 6 teachers chairs at \$13.50, total, \$81. Mission Office Co., 6 teachers desks at \$9.50, total, \$57. H. S. Crocker Co., 100 doz. grayola at \$7.50, and 100 gross chalk at \$45.75.

TULARE, Tulare Co., Cal. — Election held in Tulare School District to vote bonds of \$100,000 to finance school improvements failed to carry. W. H. Weeks, architect, 369 Pine St., San Francisco, is preparing preliminary sketches for the proposed improvements.

FRESNO, Fresno Co., Cal.—J. B. Hart, 145 S. N. Tabor, Fresno, at \$31,061 awarded contract by Tulare Union High School District to construct academic building, a 5 classroom and study hall building, from plans of Archt. Swartz and Ryland, Rowell Bldg., Fresno. Other bids: Berkeley and Gould, Tulare, \$31,330; Martin Const. Co., Fresno, \$31,751.

TULARE, Tulare Co., Cal.—Bids to construct the gymnasium building for the Tulare Union High School District will be asked early in January. Revised plans for the structure to cost \$55,000 are being completed by Archts. Swartz and Ryland, Rowell Bldg., Fresno.

WHITTIER, L. A. Co., Cal.—Until 7 p. m., Jan. 4, bids will be received by trustees of Whittier union high school dist. for erecting two new buildings: one, a high school site; Myron Hunt, 1107 Hibernal Bldg., L. A., archt. Bids will be taken separately on gen. contract, plumbing, wiring and painting or for all work complete in one contract. The classroom bldg. will be a 2-story structure, L-shaped, 152x184 ft., and will contain administrative offices, 24 classrooms and domestic science department; brick constr., stucco exter., comp. roofing, pine trim, reinf. conc. corrido floors and stairways, maple floors, hot air heating. The auditorium building will contain a large auditorium, which with the recital hall, will seat 2250 people. It will be of brick, tile and reinf. conc. constr., wood trusses, 2 large steel trusses, stucco exter., cast stone work, etc.

CHINO, San Bernardino Co., Cal.—North Pacific Const. Co., 1302 Baker-Detwiler Bldg., L. A., was low bidder at \$44,400 on general contract for erecting D. St. grade school at Chino. low bidders on the other contracts were: R. E. Swan on painting at \$2425; O. L. Cassidy, Pomona, on plumbing at \$1400; Pomona Fixture & Wiring Co. on wiring at \$900; and Pac. Gas Radiator on heating at \$1140. Clarence P. Day, Pasadena, was low bidder at \$51,750 on the general contract for erecting St. school at Chino. low bidders on the other contracts were: Pomona Wiring & Fixture Co. on wiring at \$1000; O. L. Cassidy, Pomona, on plumbing at \$1400; R. E. Swan on painting at \$2710; McCann & Rucker, Santa Ana, on heating at \$1030. John C. Austin, 1105 Baker-Detwiler Bldg., L. A. and Geo. M. Lindsey, Glendale, assc. archts. The building will contain 8 rooms each; reinf. conc. walls, plas. exter., clay tile roofs.

STORES AND OFFICES

Architectural Competition. Cost, \$2,000,000. OFFICE BLDGS., Los Angeles Co., Cal. LOS ANGELES, Place from Broadway to Spring Street. Two twelve-story Class A office buildings with connecting arcade. Owner—A. C. Blumenthal and three associates, Loew State Building, Los Angeles. Professional Advisor — Architect Sylvain Schnaittacher, 233 Post St., San Francisco. Contractor—MacDonald & Kahn, Loew State Bldg., Los Angeles and 130 Montgomery St., San Francisco. The architects that have been selected to participate in the competition are as follows: Weeks & Day, California Insurance Bldg., San Francisco. G. Albert Lansburgh, 140 Montgomery St., San Francisco. MacDonald & Couchot, 234 Pine St., San Francisco. Sam Helman, 57 Post St., San Francisco. Albert Kahn, Detroit, Michigan. Curlett & Beelman, Union Ek. Bldg., Los Angeles. Swasey & McAfee, Los Angeles. The competition closes December 27, 1922.

Plans Being Prepared. STORE BLDG., San Francisco, Cal. Cost, \$15,000. 1000 1/2 ft. x 17 ft. 6 in. 12th Ave. & Clement St. Two-story class C store bldg. 4 stores. Owner—Withheld. Architect—Morrow & Garren, Chronicle Building.

Plans Being Prepared. MERCANTILE BLDG., Los Angeles Co., Cal. Cost, \$800,000. LOS ANGELES, Los Angeles Co., Cal. Ninth and Los Angeles Sts. Ten-story and basement Class A mercantile building, 155x200. Owner—Cooper Dry Goods Co. Architect — Aleck Curlett and Claud Beelman, Union Ek. Bldg., L. A. Plans will be ready for figures February 1st.

Plans Being Prepared. MARKET BLDG., Sacramento Co., Cal. Cost, \$200,000. SACRAMENTO, Sacramento Co., Cal. S W 13th and "J" Streets. Two-story and basement fireproof market bldg., 170x160. Owner—Mrs. Lizzie H. Glide, Berkeley. Architect — Miss Julia Morgan, Merchants Exchange Bldg., S. F.

ALTERATIONS. Cost—SAN FRANCISCO, O'Farrell & Powell Streets. Extensive alterations to 4-story class C store and loft building. Owner—Regan Estate.

Sub Contracts Awarded. STORES, Oakland, Alameda Co., Cal.—Broadway between 15th and 16th Sts. Three-story and basement re-inforced concrete store and loft building, 100x124. Owner—George Clark, Lessee, Roos Bros.

Architect & Contractor—For Owner. Wm. Knowles, Hearst Bldg., San Francisco and Central Bank Bldg., Oakland. Architect—For Lessee, S. Helman, 57 Post St., San Francisco. Structural Engineer—Edw. L. Soule, Rialto Bldg., San Francisco. Mechanical Engineer—Leland & Haley Holbrook Bldg., San Francisco. Elevators—Otis Elevator Co., San Francisco.

Terra Cotta to Glazing, McBean & Co., San Francisco. Reinforcing Steel to Edw. L. Soule, San Francisco. Concrete Work to R. J. H. Forbes, San Francisco. Marble Work to Cook Marble Co., Oakland. Glass to W. P. Fuller Co. Bars to Kawneer Mfg. Co. Sprinkler System to Pacific Fire Extinguisher Co. Plastering to Wm. Makin. Plumbing to R. Daizel Co.

Segregated Figures to be Taken Next Week. STORE BLDG., Oakland, Alameda Co., Cal. Washington and Tenth Sts. One and three-story and basement re-inforced concrete Class C department store building (designed for six stories). Owner—Whitthorne & Swan. Architect—Wm. Knowles, Hearst Bldg., San Francisco and Central Bank Bldg., Oakland.

Contract Awarded. STORES, Oakland, Alameda Co., Cal. E. Telegraph 225 N 19th St. One-story concrete stores. Owner—Emile E. Kahn, 315 Montgomery St., S. F. Architect—S. Helman, 57 Post St., S. F. Contractor—MacDonald & Kahn, Taft-scott Bldg., Oakland.

Segregated Figures Being Taken. STORE BLDG., San Francisco Co., Cal. Cost, \$10,000. SAN FRANCISCO, Plymouth & Ocean Avenues. One-story frame and plaster store bldg. (5 stores). Owner—L. G. Irvine. Architect—R. R. Irvine, 507 Call Bldg. Concrete Work Contract Awarded. OFFICE BLDG., San Francisco Co., Cal.—Cost—SAN FRANCISCO, N W Mason & Derby Avenues. Seven-story and basement re-inforced concrete office building 16x60. Owner—Spring Valley Water Co. Architect—Willis Polk & Co., Hobart Bldg., San Francisco. The concrete work has been awarded to H. L. Peterson, Lick Bldg., at \$35,600. Other contracts will be awarded shortly.

New Figures To Be Taken Next Month. OFFICE BLDG., Berkeley, Alameda Co., Cal. S. W. Channing Way and Telegraph Ave. Four-story class C office bldg. Owner—Physicians Building Inc. Architect—McWethy and Greenleaf, 505 17th St., Oakland.

RICHMOND, Contra Costa Co., Cal.—Richmond Builders' Exchange has purchased two lots on Fourteenth street south of Macdonald avenue, and will erect a two-story exchange quarters with flats or apartments above; site is 50x112 ft. to be financed by the sale of stock to members of the exchange. Estimated cost, \$10,000. If one-story building is erected. The selection of an architect will be made at the next meeting.

LOS ANGELES, Cal.—The Martin Decor Co., 107 N Western Ave., L. A., is preparing plans and has the contract to erect a restaurant and cafe building of Moorish architecture to be erected at Washington and National Aves. in L. A. for the Green Mill Catering Co. Morrie Rauch, pres., 11 W. Hellman Bldg., L. A., will contain terraced dining room to seat 1000, lounge and rest rooms, kitchen, large lobby and dance floor 55 ft. dia. Frame constr., 1-story and part 2-story, plaster exter., 50x200 ft., maple, tile and marble floors, gas furnace heating system, ventilating system, staff work-metal lath, ornamental lawn sprinkling system; the site covers 4 acres, to be landscaped and lighted; \$200,000.

SANTA MONICA, L. A. Co., Cal.—The Third St. Syndicate of Santa Monica, Venice Investment Co., Michael Gore and associates, have organized a syndicate to build a department store bldg. The proposed investment will amount to \$500,000. The site is at Third and Arroyo sts., and is 150x250 ft. The proposed bldg. will be 3 stories and contain 6 stores and 35 offices and apartments.

MARYSVILLE, Yuba Co., Cal.—L. U. Brown, Los Angeles capitalist, is conferring with Marysville Chamber of Commerce regarding the erection of a modern five-story office building and theatre building. No details as to construction are available at this time. Wm. Connors is secretary of the Chamber of Commerce.

SANTA BARBARA, Santa Barbara Co., Cal.—T. Wilson Dibbee, president of the Central Bank, has announced plans for the new Williams Bldg. which is to be erected at the corner of State and De La Guerra Sts.; will be 4 stories high and is modeled after the city hall in Salamanca, Spain. Considerable ornamentation in iron work such as balconies and other Spanish type adjuncts will be used.

THEATRES

Plans Being Prepared. THEATRE, ETC., Los Angeles Co., Cal. Cost, \$150,000. LODI, San Joaquin Co., Cal. Three-story re-inforced concrete theatre and hotel (pressed brick exterior, Polychrome terra cotta trim). Owner—Withheld. Architect—Glenn Allen, Stockton. Plans will be ready for figures the latter part of January.

Plans Being Prepared. THEATRE, San Francisco Co., Cal. Cost, \$250,000. SAN FRANCISCO, N W Geary and 15th Avenues. Class A theatre 2000 seats. Owner—Alec and Joseph L. Levin. Architect—Reid Bros. 105 Montgomery Street, S. F.

LOS ANGELES, Cal.—Archts Schuitze & Weaver, Pac. Mutual Bldg., L. A., have prepared plans for a class A theatre bldg. to be erected at s. e. cor. of 5th St. and Grand Ave., L. A., for the Bringer syndicate. The bldg. will be 100x140 ft. and of steel frame constr. brick walls, stone, press. brick facing, terra cotta trim, etc. It will cost about \$1,000,000. Preliminary plans were prepared a year ago and it is understood that working drawings will be prepared at once and construction commenced next spring.

(Continued on Page 21)

Official Proposals

INFORMATION FOR CONTRACTORS (Official)

The District Engineer of the Bureau of public roads, U. S. Department of Agriculture, 881 Mills Building, San Francisco, California, advises that it has been found necessary because of delay in preparation of plans, to postpone the dates of advertisement and opening of bids of the following National Forest Road projects listed in his preliminary announcement of Oct. 16, 1922. Revised dates, which are still approximate and subject to possible further change, are listed below together with additional projects not previously noted. Detailed advertisements covering each project when ready, will be sent to contractors and published in highway periodicals or daily papers. Final plans and specifications for each project will be furnished when ready on deposit of check for \$10.00 payable to the Secretary of Agriculture. Check to be returned on return of plans and specifications.

Salmon River, Siskiyou County, California.—To be advertised about January 10, 1923. Bids to be opened about February 6. Project is located about 6 miles below Forks of Salmon and consists of approximately 130,000 yards of heavy grading and minor drainage structures. The length is 4 miles. Work is a benching in rock job with approximately 90% over-cast. The 12 ft. road width is too narrow for steam shovel but it will make an excellent station job. Major equipment including an air compressor and jack-hammers sufficient for working one end of the job, is available at the job for rental to the contractor. Preliminary plans are now ready and are furnished contractors at cost of blue-printing. Mail check for \$2.46 payable to Hoffman Blueprint Co., Fine Plans ready about January 10th. Approximate total cost \$115,000. Clearing already done.

Mineral Project, Tehama County, California.—To be advertised about Feb. 1st for opening of bids about Feb. 27. This project is on the Red Bluff-Susanville Road about 40 miles east of Red Bluff. Preliminary plans are now ready and are furnished contractors at cost of blue-printing. Mail check for \$1.71 payable to the Hoffman Blueprint Company. Final plans ready about February 1. Project 10 to 12 miles long, consists of grading, structures, unclassified excavation 150,000 cu. yds., one steel truss bridge 70 ft. span. A combination station-man and team job. Approximate total cost \$175,000.

Curran Creek, Nye County, Nevada.—On Ely-Tonopah Road 40 miles southwest of Ely; length 18 miles; to be advertised about March 15. Opening of bids about April 15th; grading and drainage structures; about 80,000 yards unclassified excavation. A good team job; water and alfalfa available along Curran Creek; about 1 miles through scattered juniper, and the rest through open sage-brush country.

Austin-East, Lander County, Nevada.—On Austin-East Road about 12 miles east of Austin; to be advertised about April 1 for opening of bids about May 1; length 18 miles; grading and drainage structures; about 30,000 yards excavation common; open sage-brush country. A team job throughout.

Meadow Creek, Elko County, Nevada.—A portion of the Meadow Creek-Jardine Project, 2 miles north of Elko; to be advertised about April 15 for opening of bids about May 15th; an 18 mile project consisting of grading and drainage structures, unclassified excavation about 90,000 yards. A good team job; open country, very little clearing required. Elevation 5500-5900.

C. H. SWARTZ, Dist. Engineer.

NOTICE TO CONTRACTORS

(Sealed Alaska Veterans' Hospital)

Sealed proposals will be received and publicly opened by the Director, U. S. Veterans' Bureau, in the Office of the Quartermaster General, 2396 Munitions

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate, 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

Building, Washington, D. C., at 11 A. M., January 16, 1923, for construction of a Neuro-Psychiatric Hospital at American Lake, Tacoma, Washington, for the Veterans' Bureau. Work will include construction of twenty-eight buildings of reinforced concrete, tile and brick, complete with water, lighting, heating and sewer systems, roads and walks. Plans and specifications may be obtained after December 9, 1922, from the Quartermaster-General, Room 226, Munitions Building, Washington, D. C., upon deposit of \$100. One set of plans and specifications will be on exhibition at each of the following stations: Constructing Quartermasters at Whitehall St., New York City, and Fort Monmouth, California, and Quartermaster Supply Officers at 1819 West Pershing Road, Chicago, Ill., Second and Arsenal Sts., St. Louis, Mo., Stacy Street Terminal, Seattle, Washington, and New Post Office Building, Portland, Oregon.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned on **December 27th, 1922**, for constructing portions of the State Highway System as follows:

(1) Bids received until, and opened at 1:30 P. M. for grading, construction of culverts and placing a gravel surface in Clark County between two (2) miles southwest of Dry Lake and Crystal.

(2) Bids received until, and opened at 2:30 P. M. for grading, construction of culverts and placing a gravel surface in Lincoln County between Pony Springs and Dutch John. Work on this Project need not begin until the spring of 1923 when work shall be commenced within fifteen (15) days after notice to commence work is sent to the contractor by the State Highway Engineer.

(3) Bids received until, and opened at 3:30 P. M. for grading and construction of culverts in Churchill County between Fallon and Grimes.

Plans may be examined and form of Proposal, Contract and Specifications secured at office of undersigned. May also be examined at the County Clerk's office in Las Vegas for the Clark County work, Pioche for Lincoln County work, and Fallon for Churchill County work. May also be examined

at the Division Engineer's office in Las Vegas, Elko or Reno, and District office of the Bureau of Public Roads, Mills Building, San Francisco, California.

Cash deposit of Fifteen dollars (\$15.00) with the undersigned required for copy of plans which will be refunded on their return in good condition. Bids must be on Proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the contract and specifications. Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer.

BIDS WANTED FOR U. OF C. BLDG.

(3-Story Frame & Stucco Structure)

PROPOSAL FOR BIDS

SEALED BIDS will be received at the office of John Galen Howard, Architect, First National Bank Building, San Francisco, California, at or before **10 a. m., Wednesday, December 27, 1922**, for general contract including all work for the construction of the Women's Faculty Club on the grounds of the University of California, at Berkeley.

Drawings and specifications may be obtained at the office of John Galen Howard, Architect, First National Bank Building, San Francisco, on deposit of \$50.00 for each set of drawings and specifications taken out. Checks given as deposits are to be in favor of the undersigned. Deposits will be refunded on submission of a regular bid for the work and on return of said drawings and specifications in good condition. No bids will be considered unless accompanied by a certified check or bond in favor of the undersigned, equal to 10% of the bid to secure execution of the contract by the successful bidder. The right is reserved to reject any or all bids.

BUILDING COMMITTEE WOMEN'S FACULTY CLUB, UNIVERSITY OF CALIFORNIA.

NOTICE TO DITCHING AND PIPE LAYING CONTRACTORS

(Terra Bella Irrigation District)

Notice is hereby given that the Board of Directors of the Terra Bella Irrigation District will receive sealed bids or proposals up to 11 o'clock a. m. on **January 2, 1923**, at their office in the office in the First National Bank Building, San Francisco, California, for ditching and laying about two miles of four inch, six inch, seven inch, eight inch, riveted steel water pipe as per specifications on file in the office of the Superintendent of the Terra Bella District. The amount of the pipe to be laid is estimated and may vary from fifty per cent to one hundred and fifty per cent of the amount given.

Bids will be received for ditching or for laying, separately, or combined.

Each bid must be accompanied by a certified check in the sum of five per cent of the total amount of the bid and made payable to the Terra Bella Irrigation District.

The Board of Directors reserves the right to reject any or all bids and waive defects.

All bids must be addressed to Earle R. Clemens, Secretary, and plainly marked "Bids for Ditching," "Bids for Pipe Laying," and "Bids for Ditching and Pipe Laying."

EARLE R. CLEMENS, Secretary,
(Continued on Page 30)

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Engineering News Section

BRIDGES, DAMS & HARBOR WORK

CALIFORNIA—See Applications filed with State Division of Water Rights, under heading of irrigation, in this issue.

YUBA CITY, Sutter Co., Cal.—Eng. Eric L. Cope, 55 Sutter St., San Francisco, preparing spec. for 2000-ft. conc. causeway to span low lands bet. the new steel bridge over the Feather r. at Nicolaus and one west levee. The structure will be a link in the proposed Sacramento-Sutter joint boulevard which is to cost approx. \$175,000.

REDWOOD CITY, San Mateo Co., Cal. Until Jan. 2, 10 a. m. bids will be rec. by Eliz. M. Nash, county clerk, to const. road levee and bridge over the Arroyo known as "Bean Hollow," 2 miles south of Pescadero, in 5th Dd. Dist. Est. cost \$24,000. Cert. check 10% payable to county required. Plans obtainable from clerk.

SAN RAFAEL, Marin Co., Cal.—S. P. Rafael, at \$996 awarded contract by county supervisors to construct rein. conc. culvert on Middle Two Rock road, T. A. McDougal & Son, Tomales, bid \$153.

Brownlee at \$2200 awarded contract to construct six crru. pipe culverts on the Bolinas and Olema county road.

SANTA BARBARA, Cal.—Nat'l forest supervisors recommend rebuilding of Gibraltar dam road before rains. The portion to be repaired is the 13 miles from the foot of the San Marcos road to the dam. Supervisor Jordan of the Santa Barbara National Forest, recently completed a tour of inspection.

PLACERVILLE, El Dorado Co., Cal.—Until January 4, 2 P. M. bids will be received by Arthur J. Kozletzky, County Clerk, to construct reinforced concrete girder bridge over Dry Creek crossing the Colorado and Green Valley road, on the Colorado and Green Valley road. Certified check for 10% payable to Chairman of the Board of Supervisors required. Specifications obtainable from Clerk on deposit of \$10, returnable. Henry Lahiff, County Surveyor.

LOS ANGELES, Cal.—Until 11 A. M. January 2, bids will be received by the County Supervisors to construct 2-arch concrete bridge on state highway over the Santa Monica canyon storm drain.

OAKLAND, Cal.—Plans of the Southern Pacific Co. to develop the Western waterfront at Oakland are being completed by the company engineers and work is expected to be started within the next few weeks. The work will require an expenditure of approximately \$7,000,000 and includes the filling-in by the city, under a contract with the company, of a large portion of the 289 acres recently purchased by the railroad from the Key Route System.

TURLOCK, Stanislaus Co., Cal.—Chief Engineer R. V. Melkile of Turlock Irrigation District, completes plans for bridge over canal at extension of North Broadway. Turlock. Proposed that city of Turlock pay \$200 and Stanislaus county 50% of cost, the balance to be paid by the district.

LONG BEACH, Cal.—The Wheeler Co. 402 L. A. Ry. Bldg., submitted low bid to city mgr., at \$6175 to const. timber trestle bridge across the Los Angeles river at Anaheim St. Other bids were: Frank H. Greene, \$6250; S. M. Kerns, \$7591; W. M. Ledbetter & Co., \$7790; Mercereau Bridge & Constr. Co., \$7950; Jas. L. Frazier, \$8828.30; Ross & Ritchey, \$13,000.

PRESCOTT, Ariz.—Bids rec. by city council to const. bridge across Granite creek on Turkey St. rejected. Bids will be called again until Mar. 15, on not account of weather conditions.

PRESCOTT, Ariz.—Hodges Bros. awarded contract by Yavapai County Highway Commission at \$30,001 to construct a double span riveted steel truss bridge across the Agua Fria river near Black Canyon, bridge to be 231 feet long, with concrete piers and abutments, involving 1100 cu. yds. excavations unclassified, 307 cu. yds. A concrete, 108 cu. yds. B concrete, 33,100 lbs. reinforcing steel in place, steel superstructure in place. J. H. Kennedy submitted a bid of \$31,220.

SANTA ROSA, Sonoma Co., Cal.—W. L. Proctor, Santa Rosa, at \$6451 awarded contract by supervisors to const. bridge over Dry Creek on Thompson ranch, involving 48 cu. yds. class B rein. conc., 6½ tons structural steel and castings; 23,000 E. B. M. lumber; 8 R. W. pilings. Other bidders: Cal. Const. Co., \$7,211; D. E. Albers, \$8,500.

PITTSBURG, Contra Costa Co., Cal.—Lanteri Shipyards at approximately \$20,000 awarded contract by city organized Pittsburg-Sacramento Auto Ferry, Inc., Oscar H. Klatt, Secretary, for dredging and constructing roadway and making fill at channel approach. Ferry operations will be started in April.

SAN DIEGO, Cal.—Until 11 A. M. December 22, bids will be received by U. S. Engineer's office, 722 Central Bldg., San Diego harbor, including area designated as "area C," lying northwest from the municipal pier at the foot of Broadway, San Diego, involving approximately 300,000 cu. yds. material to be removed. The maximum allowable overdepth dredging is estimated to be 13,000 cu. yds. place measurement.

SEATTLE, Wash.—Jahn and Bressi, Thompson Bldg., Seattle, at \$44,923.30 submits low "lump sum bid" to Board of Public Works to const. West Spokane bridge. The bid was for a Strauss design. For the structure, as per plans of Board of Public Works, the same contractors bid \$460,700.51. A combination bid submitted by three separate concerns—the Bethlehem Shipbuilding Corp., Ltd., 18th and Illinois Sts., San Francisco, the Gerrick and Gerrick Co., Central Bldg., Seattle, the Butt, Electric & Manufacturing Co., 534 Folsom St., San Francisco, is \$70,011.22 lower than that of the Seattle contractors for the Strauss design. Combination bid follows: Furnishing steel and delivering at bridge site: Bethlehem

Shipbldg. Corp., \$260,863.30; erecting steel, Gerrick and Gerrick Co., \$105,400.05; furnishing electrical equipment, Butt Electric & Manufacturing Co., \$24,422; total combination bid \$390,486.29. Bids taken under advisement.

SONOMA COUNTY.—Following bids received by State Highway Commission Dec. 11, to const. bridge over Northwestern Pacific R. R. near Lytton Sonoma County, consisting of 3 32-ft. rein. conc. girder spans, with necessary bents, abutments and wing walls, involving 350 cu. yds. class A Port. cem. conc. in place; comm. to furnish rein. steel in straight bars, cut to lengths and Port. cement.

C. H. Gildersleeve, Ukiah and	\$7560.00
San Francisco	7740.00
Lord & Bishop	7740.00
O. B. Channey & Son	7884.00
Walter L. Proctor	8640.00
Reinhold & Johnson	1324.00
T. M. Barnes	10,080.00
John H. May	10,987.20
Tiehaus Bros.	11,970.00
Rosca & Coletti	12,420.00
Engineer's estimate	9,900.00

SAN PEDRO, Cal.—Harbor improvements planned by oil companies include a wharf with loading platform, storage and pumping station, costing \$200,000 for the Union Oil Co., a 600-ft. wharf near the drawbridge in the west basin, costing \$85,300, for the Standard Oil Co., a \$1,000,000 storage and refining plant in the west basin for Associated Oil Co., a similar plant for the Mexican Petroleum and Pan-American Petroleum Companies, and shipping facilities along 800-ft. frontage on Mormon island for Dutch Royal Shell Co.

SAN DIEGO, Cal.—Until 11 a. m., Dec. 22, bids will be received by city purchasing agent, Wm. P. Bates, to const. first unit of municipal pier No. 2, to be known as Contract A. The work to be done consists of the construction of a solid fill embankment including the dredging of the adjacent slips and the driving of piles and the construction of roinf. conc. curtain retaining walls. The approx. quantities are: 305,000 cu. yds. dredging, 12,000 tons rock fill, and concrete curtain walls complete. Work to be started in 15 days and completed in 275 days. Plans, spec., etc., may be obtained from the purchasing agent's office or from the office of the engineering room 13, Ferry Bldg., San Francisco, upon a deposit of \$10. Cert. check 5% on San Diego Bank.

STOCKTON, San Joaquin Co., Cal.—City council petitioned to const. bridge at East St. over Mormon channel. Taken under advisement. W. E. Hogan, city engineer.

CALIFORNIA—Following are approx. quantities of materials for bridge projects for which State Highway Commission, Forum Bldg., Sacramento, will open bids Dec. 26:

Glenn county, over Stony creek near Hamilton City, 4 100-ft. steel truss spans and 20 30-ft. rein. conc. girder spans, involving 4 100-ft. steel spans, erected in place and painted, complete except rein. conc. floor; 1220 cu. yds. class "A", and 580 cu. yds. class "B" conc. in place; 160 Douglas fir and 80 rein. conc. piles in place.

Solano county, over San Francisco-Sacramento R. R. near Denverton, bridge of 2 31-ft. and 1 39-ft. rein. conc. girder spans and grading approach, involving 420 cu. yds. class "A" conc. in place; 6400 cu. yds. embankment without classification.

IRRIGATION PROJECTS

SEBASTOPOL, Sonoma Co., Cal.—City trustees authorize Water Committee to purchase and lay water pipe from Maple to Palm Streets.

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SACRAMENTO, Cal.—P. F. Engh, Los Angeles, (bid withheld for publication) submits only bid to State Reclamation Board to construct east and south levees of Reclamation District No. 1660 in Sutter County. Work is estimated to cost \$1,000,000.

CARSON CITY, Nevada.—Application for permit to build a dam in Diamond Valley, Cal., for the irrigation of 45,000 acres in Carson Valley has been forwarded to the California State Department of Public Works, Division of Water Rights by the Carson Valley Irrigation District of Nevada. A dam 106 ft. high and 630 ft. across the top is included in the project. The irrigation district has also applied to Nevada state engineer for permission to take enough water from the Carson river to irrigate 24,000 acres. Twenty thousand acres of sugarbush land will be reclaimed by these two projects.

TERIA BELLA, Tulare Co., Cal.—Until Jan. 2, 11 a. m., bids will be received by Erle R. Clemens, sec., Teria Bella Irrigation District, for ditching and laying approx. 2 miles of 4, 6, 7 and 8 in. riveted cast-iron water pipe. Bids will be considered for ditching, or laying, separately, or combined. See call for bids under official proposal section in this issue.

GLENDALE, Cal.—Until 7 p. m., Dec. 14, bids will be received for 9500 ft. 12-in. class B cast iron pipe, 450 ft. 16-in. pipe, and 5 tons 12-in. class "D" cast iron fittings. Alternate bids will be received on item 1 for 9500 ft. 12-in., 0.134 thickness, clipped ends, gate joint welded steel pipe, cert. check 10% A. J. Van Wic, city clerk.

SMARTSVILLE, Yuba Co., Cal.—Executive for Water and Mining Co., Smartsville, has had plans made to extend approx. 5 miles of its ditches into the Erle district, take over the present Erle Irrigation ditch, install gates and generally improve the service.

MERCED, Merced Co., Cal.—C. R. Adams, Planada, Cal., at \$65 yd. (approx. \$94,125) submits only bid for irrigation ditches to be constructed north side canal, Division No. 1.

On Division No. 2, Hewitt and Felch, Los Angeles, bid \$32 with \$65 overpayment, total \$72,072.96 and Blumenkranz and Vernon, Commercial and Savings Bank Bldg., Stockton, bid \$29 and \$93, total \$65,793.62. Bids taken under advisement. R. C. Starr, ch. eng.

CALIFORNIA.—Following is a partial list of applications filed with State Department of Engineering, Division of Water Rights during the month of November, 1922, as reported by H. A. Kluegel, chief of the Division:

App. 3108 (Butte Co.) Frank Tade and Ray Powell, Clippert Mills, Cal., for .075 cu. ft. per sec. from spring, for irrigation of 10 acres. Est. cost, \$1200.

App. 3109 (Madera Co.) Harry Barnes for proposed San Joaquin Water Storage Dist., Madera, Cal., for 300 cu. ft. per sec. and 25,000 ac. ft. per annum, from Fresno River, for agricultural purposes in proposed San Joaquin River Water Storage Dist.

App. 3110 (Mendocino Co.) John F. Williams, Fortuna, Cal., for 137,385 ac. ft. per annum from North Fork of Eel river, for agricultural purposes in proposed project to develop 22,580 T. H. P. Dam to be 300 ft. high. Est. cost, \$2,000,000.

App. 3111 (Santa Clara Co.) Santa Clara Valley Water Conservation Committee, care L. D. Bohnett, Atty., Bank of San Jose Bldg., San Jose, Cal., for 50 cu. ft. per sec. and 7000 ac. ft. per annum from Stevens Creek for agricultural purposes in proposed Santa Clara Valley. Propose to irrigate 150,000 acres.

App. 3112 (Santa Clara Co.) Santa Clara Valley Water Conservation Committee, care L. D. Bohnett, Atty., Bank of San Jose Bldg., San Jose, Cal., for 50 cu. ft. per sec. and 6000 ac. ft. per annum from Guadalupe Creek, for irrigation of 150,000 acres in Santa Clara Valley.

App. 3113 (Santa Clara Co.) Santa Clara Valley Water Conservation Committee, care L. D. Bohnett, Atty., Bank of San Jose Bldg., San Jose, Cal., for 200 cu. ft. per sec. & 120,000 ac. ft. per annum from Coyote River & Las Animas Creek, for irrigation of 150,000 ac. in Santa Clara Valley.

App. 3114 (Santa Clara County) Santa Clara Valley Water Conservation Committee, care L. D. Bohnett, Bank of San Jose Bldg., San Jose, Cal., for 20 cu. ft. per sec. and 1500 ac. ft. per annum from Calabazas Creek, for irrigation of 150,000 acres in Santa Clara Valley.

App. 3115 (Santa Clara Co.) Santa Clara Valley Water Conservation Committee, care L. D. Bohnett, Atty., Bank of San Jose Bldg., San Jose, Cal., for 30 cu. ft. per sec. and 6000 ac. ft. per annum from Almaden Creek, for irrigation of 150,000 acres in Santa Clara Valley.

App. 3116 (Santa Clara Co.) Santa Clara Valley Water Conservation Committee, care L. D. Bohnett, Atty., Bank of San Jose Bldg., San Jose, Cal., for 30 cu. ft. per sec. and 25,000 ac. ft. per annum from Uvas Creek, for irrigation of 150,000 acres in Santa Clara Valley.

App. 3117 (Santa Clara Co.) Santa Clara Valley Water Conservation Committee, care L. D. Bohnett, Atty., Bank of San Jose Bldg., San Jose, Cal., for 30 cu. ft. per sec. and 8000 ac. ft. per annum from Arroyo Calero, for irrigation of 150,000 acres in Santa Clara Valley.

App. 3118 (Santa Clara Co.) Santa Clara Valley Water Conservation Committee, care L. D. Bohnett, Atty., Bank of San Jose Bldg., San Jose, Cal., for 30 cu. ft. per sec. and 8000 ac. ft. per annum from Arroyo Calero, for irrigation of 150,000 ac. in Santa Clara Valley.

App. 3119 (San Diego Co.) E. W. Campbell, Julian, Cal., for .20 cu. ft. per sec. from a spring, for domestic and agricultural purposes. Est. cost, \$1300.

App. 3120 (Siskiyou Co.) Percy E. Rulon, Gortville, Cal., for 37 cu. ft. per sec. from Beaver Creek, for mining purposes at Gravel Placer mines in Sec. 30, Est. cost, \$6000.

App. 3121 (Inyo Co.) H. M. Thurman, Randsburg, Cal., for one cu. ft. per sec. from Birch Creek Spring and Jail Canyon Stream, for power purposes in T. 20 S. R. 4 E. Proposes to develop 200 t. h. p.

App. 3125 (Sacramento Co.) Frank Tade, Sacramento, Cal., for 115 cu. ft. per sec. from Sacramento River for agricultural purposes to irrigate 92 acres in Secs. 27 and 34. Est. cost \$1000.

App. 3127 (San Bernardino Co.) F. M. Myrick, Randsburg, Cal., one cu. ft. per sec. from Two Springs, for mining and milling purposes.

App. 3128 (Placer Co.) American River Water and Power Co., Auburn, Cal., for 10 cu. ft. per sec. from American River, for agricultural purposes to irrigate 130,000 acres.

App. 3129 (Tuolumne Co.) Ernest O. Sylvence, Confidence, Cal., for 25 cu. ft. per sec. and 70,000 ac. ft. per annum from North Fork of Tuolumne River, for agricultural purposes.

App. 3130 (Tuolumne Co.) Ernest O. Sylvence, Confidence, Cal., for 25 cu. ft. per sec. and 70,000 ac. ft. per annum from North Fork of the Tuolumne River, for power purposes near point of diversion.

App. 3138 (Tulare Co.) August E. Guhl, Bakersfield, Cal., for 16 ac. ft. per annum from Marshall Meadow Ranch, for irrigation and domestic purposes. Propose to irrigate 30 acres. Est. cost, \$1000.

App. 3139 (Stanislaus Co.) Turlock Irrigation Dist., Turlock, Cal., for 1725 cu. ft. per sec. and 100,000 ac. ft. per annum from Tuolumne River, for power purposes. Est. cost \$480,000.

App. 3140 (Siskiyou Co.) Electro Metallurgical Co., Francisco, Cal., for 12,500 cu. ft. per sec. from Klamath River, for mining purposes. This application was filed under the provisions of Sec. 12 of the Water Conservation Act.

App. 3141 (Ventura Co.) Montecito Oil Producers Co., Los Angeles, Cal., for 1 cu. ft. per sec. from East Fork of Rincon Creek, for agricultural and domestic purposes. Propose to irrigate 10 acres. Est. cost \$3000.

App. 3142 (Ventura Co.) Montecito Oil Producers Co., Los Angeles, Cal., for 1 cu. ft. per sec. from East Fork of Rincon Creek for drilling oil wells, etc. in Sec. 13, T. 4 N. R. 25 W. Est. cost, \$3000.

App. 3143 (Mono Co.) E. S. Berney, Fallon, Nevada, for 100 cu. ft. per sec. from west Walker River, for power purposes.

App. 3144 (Mono Co.) E. S. Berney, Fallon, Nevada, for 100 cu. ft. per sec. from West Walker River, for power purposes.

App. 3145 (Mono Co.) E. S. Berney, Fallon, Nevada, for 100 cu. ft. per sec. from West Walker River, for power purposes.

App. 3146 (Mono Co.) E. S. Berney, Fallon, Nevada, for 100 cu. ft. per sec. from West Walker River, for power purposes.

App. 3148 (San Bernardino Co.) City of Redlands, Cal., for 10 cu. ft. per sec. from Mt. Red Creek, for municipal purposes in Redlands. Est. cost \$10,000.

App. 3149 (Inyo Co.) Geo. B. Warren, Big Pine, Cal., for 8 cu. ft. per sec. and 360 ac. ft. per annum from Sloughs and natural drainway, tributary to Owens River system, for agricultural purposes to irrigate 640 acres.

App. 3150 (Sutter Co.) Sutter Basin Improvement Co., Sacramento, Cal., for 9.37 cu. ft. per sec. from Drainage Water, for agricultural purposes to irrigate 393.9 acres of rice.

App. 3152 (Sutter Co.) Sutter Basin Improvement Co., Sacramento, Cal., for 14.62 cu. ft. per sec. from East Dredge Cut, Sutter By-Pass, for agricultural purposes to irrigate 534.87 acres of rice. Est. cost, \$5500 for dam.

App. 3154 (Sutter Co.) Sutter Basin Improvement Co., Sacramento, Cal., for 4.65 ft. per sec. from East Dredge Cut and Gelschauer Slough, to irrigate 185.35 acres of rice.

App. 3155 (Sutter Co.) Sutter Basin Improvement Co., Sacramento, Cal., for 24.38 cu. ft. per sec. from East Dredge Cut, Sutter By-Pass, for irrigating 575 acres of rice.

App. 3157 (Sutter Co.) Sutter Basin Improvement Co., Sacramento, Cal., for 23.09 cu. ft. per sec. from Willow Slough and East Dredge Cut, for irrigating 575 acres of rice.

App. 3160 (Placer Co.) Henry Worth, Auburn, Cal., for 2040 cu. ft. per sec. from American River, for agricultural purposes to irrigate 290,000 acres northwest of Sacramento.

App. 3161 (San Joaquin Co.) Ren Featherston, Stockton, Cal., for 2.50 cu. ft. per sec. from Mokelumne River, for agricultural purposes to irrigate 200 acres in Secs. 15 and 16. Est. cost, \$5500.

App. No. 3162 (San Joaquin Co.) P. H. and R. G. Megerle and Louisa A. Plasse, Clements, Cal., for one cu. ft. per sec. from Mokelumne River, for agricultural purposes to irrigate 68.65 acres near point of diversion. Est. cost, \$4000.

App. 3163 (San Bernardino Co.) A. Billa, Los Angeles, Cal., for 12 cu. ft. per sec. from springs, for mining purposes. Est. cost \$1000.

App. 3135 (Riverside Co.) James I. Gulick, Glendale, Cal., for 12 cu. ft. per sec. and .25 ac. ft. per annum from seepage, for agricultural purposes to irrigate 15 acres.

App. 3137 (San Bernardino Co.) Bert D. James, Isabella, Cal., for one cu. ft. per sec. from an unknown spring for mining, domestic and stock purposes. Est. cost \$2000.

Permits Granted
Following permits were issued by Division of Water Rights during the month of October:

Permit 1193 (Tehama Co.) to L. W. Warmoth and N. E. Kerling, Paskenta, Cal., for 25 cu. ft. per sec. from Thomas Creek in Sec. 4, for irrigation of 20 acres.

Permit 1184 (Inyo Co.) to Chas. Markle and S. F. Hopkins, Box 8, Trona, Ark., for 15 cu. ft. per sec. from Water Canyon, for mining purposes in Surprise Canyon, Panamint Range. Est. cost, \$2000.

Permit 1185 (Los Angeles Co.) to John La Belle, Box 451, R. 5, Los Angeles, Cal., for 12 cu. ft. per sec. from Spring in Snake Canyon Trail for domestic purposes.

Permit 1189 (Alpine Co.) to F. C. Spring, Box 115, care George R. Montrose Atty., Gardnerville, Nevada, for one cu. ft. per sec. from West Fork of Carson River, for irrigation of 720 acres.

Permit 1190 (Mono Co.) to August Amend, Berry Creek, Cal., for 2 cu. ft. per sec. from Carters Ravine Creek, for mining purposes in Section 4.

Permit 1191 (Trinity Co.) to Edward H. Hill and Tacie C. Hill, Mendocino, Cal., for one cu. ft. per sec. from East Fork for irrigation of 80 acres.

Permit 1192 (Plumas Co.) to D. N. Jones, Wheatland, Cal., for 2 cu. ft. per sec. from Bucks Creek for irrigation of 99.27 acres. Est. cost, \$350.

Permit 1193 (Eldorado Co.) to H. C. Aden et al., 931 Alameda St., Vallejo, Cal., for 1 cu. ft. per sec. from a feeder of the Alameda River for domestic purposes of summer resident

sites of 46 mile-stone groups. Est. cost \$300.

Permit 1194 (Orange Co.) to Mr. and Mrs. Edward B. Hunter, El Toro, Cal., for .085 cu. ft. per sec. from Mlickey Canyon for irrigation of 5 acres. Est. cost \$1500.

Permit 1195 (Tulare Co.) to D. R. O'Connor, Little Lake, Cal., October 31, 1922, for 12 cu. ft. per sec. from Spring in Sec. 36, for irrigation of 10 acres.

LIGHTING SYSTEMS

TRACY, San Joaquin Co., Cal.—Tracy Chamber of Commerce and property owners propose to install 30 electrolites in Central Ave., and 6th St.

LOS GATOS, Santa Clara Co., Cal.—Town trustees contemplate installation of cast iron electrolites in business district.

HAYWARD, Alameda Co., Cal.—Town trustees will inspect lighting systems in bay cities to determine type to be installed in portion of Castro, Main, First, A and B Sts., about 60 standards; property owners to finance cost of installation.

LONG BEACH, Cal.—Until 9:30 a. m., Dec. 19, bids will be received by city council to construct ornamental lighting system complete in 3rd St., bet. Pine and American Aves. Spec. C-37. H. C. Waughop, city clerk.

ALHAMBRA, Cal.—Until 8 p. m., Jan. 2, bids will be received by city commission to construct ornamental lighting system in Garfield Ave., bet. Hellman Ave. and 210 ft. of E. Ramona Blvd., 1911 Act. R. B. Wallace, city clerk.

SACRAMENTO, Cal.—City Eng. Albert Givan has completed spec. for installation of electrolites in 1 St., bet. 2nd and Sixteenth Sts.; will be 1-light type of arm style, 5-light standards now in use. Property owners will finance installation.

MACHINERY

CALIFORNIA—See Applications filed with State Division of Water Rights, under heading of irrigation, in this issue.

CHICO, Butte Co., Cal.—American Rubber Co. at \$72 ft. awarded contract by the City Trustees to furnish 1500 feet fire hose. Original specifications provided for the purchase of 2500 feet.

TURLOCK, Stanislaus Co., Cal.—City Trustees will ask bids for pump and motor, bids to be opened in January. Horace Hall, City Engineer.

SAN DIEGO, Cal.—City Hydraulic Eng'r. Savage estimates cost of salvaging \$30,000 worth of wooden pipe line from the Harvey diverting dam to the Lower Otay filtration plant at \$10,000.

BAKERSFIELD, Kern Co., Cal.—Until Jan. 2, bids will be received by B. R. Fitzgerald, secretary Kern County Union High School District, for fur. light truck equipped for light towing.

TURLOCK, Stanislaus Co., Cal.—Osterberg Bros., Turlock, awarded contract by City Trustees to drill well in Lots 27 and 28 Blk 57.

MERCED Merced Co., Cal.—Llewellyn Iron Works, North Main St., Los Angeles, at \$2923 awarded contract by Merced Irrigation District to fur. and install pumps and motors for Booster Plant No. 2 and at \$2747 for Booster Plant No. 3.

FORTLAND, Ore.—As previously reported, bids will be received until December 29, 2 p. m., by S. C. Pier, city purchasing agent, to construct garbage incinerator, bidder to furnish plans and specifications and specify time to complete work. Bids are desired on four alternates, as follows: (a) repair and enlarge present incinerator plant by relining furnaces; combustion chamber and other portions in addition within the same building a complete incinerator with 100 tons daily capacity;

(b) tear out present furnaces and install complete 200-ton capacity incinerator within present building; (c) to construct 200-ton new incinerator at a site to be selected, complete with building and other accessories; (d) to construct a new 100-ton incinerator with a site to be selected, complete with building, furnace and other accessories. In the above alternates when a complete incinerator is spoken of it means that not only furnaces should be constructed but all accessories, such as combustion chambers, settling chambers, stacks, power development, if any, runways, dumping facilities, building sewer connections, pump, forced drafts, dump cars and any and all other features which would make a complete plant ready for operation upon completion.

SAN JOSE, Santa Clara Co., Cal.—County Surv. Irving Ryder instructed to secure estimates of cost to install and operate a plant to construct and repair bituminous roads.

SANTA BARBARA, Cal.—Until 10 a. m., Jan. 2, bids will be received supervisor to fence 1000 ft. of Las Viras road, where the same passes through the lands of J. McWilliams, E. L. Patterson and E. M. Patterson, 6th road dist. Cert. check 10%. Owen H. O'Neil, county surv.

INGLEWOOD, Cal.—Until 8 p. m., Dec. 26, bids will be received by city trustees for one self-propelling gasoline or distillate motor road roller, not less than 10 tons weight nor more than 12. Spec. on file with Otto H. Dueke, city clerk. Cert. check 10%.

LOS ANGELES, Cal.—Until 10 a. m., Dec. 26, bids will be received by Board of Public Works for sewage pumping machinery and equipment at Harris Place Pumping Plant, Wilmington.

FRESNO, Fresno Co., Cal.—City council, R. Y. St. George, clerk, will ask bids immediately for: (1) collecting garbage to be disposed of at city dump; (2) collect and dispose of garbage. Wm. Stranahan, city eng.

SEATTLE, Wash.—Until Dec. 22, 10 a. m., bids will be received by C. B. Bagley, secretary Board of Public Works, for fur. one 12-ton steam road roller. Cert. check, money or bond 5% required. Spec. may be had from above.

REDWOOD CITY, San Mateo Co., Cal.—County Supervisors on recommendation of Architect W. H. Toepke, Call Bldg., San Francisco, will accept offer of American C. I. Pipe Co., Balboa Bldg., San Francisco, to furnish 1200 ft. of 4-in. class C, and 2200 ft. 4-in. class B, c. i. water pipe for use at county hospital.

REDWOOD CITY, San Mateo Co., Cal.—J. J. McLeod, 1246 Golden Gate Ave., San Francisco, at \$997 awarded contract by supervisors to construct incinerator for county (community) hospital.

RAILROADS

KLAMATH FALLS, Ore.—Chillicoquin Lumber Co. will extend its logging railroad for a distance of 10 miles.

MILES CITY, Montana — Montana Railway Co., capitalized at \$5,000,000, has been incorporated and proposes to finance construction of a standard gauge railroad to follow the Tongue river south to Sheridan, Wyoming. The articles of incorporation have been filed with F. E. Bohling, county clerk and recorder of Custer County. Five directors are named: Scott Ferris, Lawton, Okla.; William E. Alluan, New York City; F. D. Saklatvala, New York; C. J. Haskell, Tulsa, Okla.; and J. S. O'Brien, of New York City. The route proposed to be used has already been surveyed, the maps having been made in 1919. No information is available as to when construction will be started.

SAN BERNARDINO, Cal.—W. J. Burton Co. has contract to build about half of a proposed double track line between Redlands and Pasadena, 68 miles, for Santa Fe Ry. Est. cost of entire project \$3,000,000. Grading will start immediately.

KEISO, Wash.—As previously reported, bids will be received by Longview, Portland & Northern Ry. Co. to construct 3½ miles of railroad the first unit of 26 miles for which contracts will be let during 1923. Wesley Vandercook, chief eng. See call for bids under official proposal section in this issue.

SAN FRANCISCO — C. H. Holt, of Leonard and Holt, 33 Montgomery St., heads movement to finance by city capital the construction of an electric railway down the Peninsula. It is proposed that the Burlingame-San Mateo Real Estate Board arrange to finance a survey for the new route and at a later date take up the matter of financing.

FIRE EQUIPMENT

TURLOCK, Stanislaus Co., Cal.—Following bids received by City Trustee for furnishing and delivering fire hose: U. S. Rubber Co., for 80 ft. \$140 ft.; Turlock Hardware Co., 66c ft.; American Rubber Co. of Calif., blue line hose, 72c ft. Taken under advisement.

MADERA, Madera Co., Cal.—County Supervisor Owens authorized to construct by day labor bridge over Cottonwood creek in Road District No. 1, cost not to exceed \$280. No bids were received for the work.

GRASS VALLEY, Nevada Co., Cal.—City Council will install special police electric call system. Dan Stewart, city electrician, will purchase and install materials.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

CALIFORNIA — Following bids received by State Highway Commission December 11:

Siskiyou county bet. Granada and Yreka, 8.5 miles, graded and paved with either Port. cem. conc., asph. conc. or asph. macadam; involves 36,000 cu. yds. excavation without classification 12,900 class A Port. cem. conc. pavement; 470 cu. yds. class A Port. cem. conc. culverts and monuments; 250 lin. ft. 12-in. corr. metal pipe; 85 monuments; alternate item—12,490 cu. yds. asph. conc. mixture pavement; 14,950 cu. yds. broken stone asph. macad.; 480 tons asphalt grade E spread asph. macad. Commission will furnish rein. steel, corr. metal pipe and cement for conc.; asph. cem. and stone dust for asph. conc.; asphalt grade E for asph. macad.

(1) Concrete, (2) asphaltic macadam,

(3) asphalt.

V. R. Dennis Constr. Co. McMinnville, Ore., (1) \$—, (2) \$158,645, (3) \$186,575.

Kaiser Laying Co., Oakland, (1) \$162,095,545, (2) \$181,444,500, (3) \$187,400.

Guy S. Atkinson, (1) \$178,317, (2) \$—, (3) \$—.

Engineer's estimate (1) \$172,345, (2) \$185,845, (3) \$196,472.40.

Fresno County bet. Parkfield Junction and Coalinga, 8.9 mi. to be graded; involve 152,000 cu. yds. excav. without classification; 475 cu. yds. class A Port. cem. conc. culverts and monuments; 435 cu. yds. dry rubble retaining walls; 1252 lin. ft. 12-in., 516 lin. ft. 18-in., 92 lin. ft. 24-in. and 232 lin. ft. 30-in. corr. metal pipe; 1352 lin. ft. guard rail; 0.45 mile, moving and resetting property fences; 295 monuments. Commission will furnish rein. steel, corr. metal pipe and cement.

C. Niles \$120,803.25

Dates & Borland 123,578.50

H. A. & J. L. Fairbanks 140,553.30

Gustave de Breville 140,956.50

B. R. Boyd 143,242.00

Redmond 145,458.40

Guy S. Atkinson 154,321.00

Isbell Constr. Co. 168,095.50

Hard Bros. 168,341.00

John Phillips 214,531.00

Engineer's estimate 355,000.75

Glenn county, bet. Willows and pt. 3 mi. south of Glenn, 1.19 mi. to be graded and surfaced with gravel involving 27,500 cu. yds. excav. without classification; 41,200 cu. yds. gravel surface; 61 cu. yds. class A Port. cem. conc. culverts and monuments; 52 lin. ft. 10-in., 252 lin. ft. 12-in., 98 lin. ft.

15-lin. 54 lin. ft. 18-lin. 30 lin. ft. 24-lin. 10 lin. ft. 30-lin. and 53 lin. ft. 36-lin. 100 metal pipe, 2750 lin. ft. guard rails, 77 monuments. Commission will furnish rein. steel, corr. metal pipe and cement.

V. R. Dennis Constr. Co. \$124,149.80
Blumenkranz & Vernon 137,697.00
Pacific Constr. Co. 141,860.70
Daniel Bates 158,147.00
Bates & Borland 168,895.00
John Phillips Pipe Co. 168,931.25
Engineer's estimate 131,123.00
Siskiyew county, bet. 2 ml. south of Hornbrook and Oregon State Line, 5.8 ml. to be graded, incl. 11 in. corr. culverts, without classification; 260 cu. yds. class A Portland cement concrete culverts and monuments; 256 lin. ft. 12-in. 164 lin. ft. 18-in. and 30 lin. ft. 24-in. corr. metal pipe; 34 monuments. Commission will furnish rein. steel, corr. metal pipe and cement.

Kaiser Paving Co., Oakland, \$69,103
Engineering estimate 330
Santa Clara County, bet. 5 ml. east of Gilroy and San Felipe, 4.5 ml. to be graded and surfaced with gravel; involving 35,000 cu. yds. excav. without classification; 8600 cu. yds. gravel surface; 250 yds. class A Port. cem. conc. culverts and monuments; 706 lin. ft. 15-in. 444 lin. ft. 18-in. and 64 lin. ft. 24-in. corr. metal pipe; 34 monuments. Commission will furnish rein. steel, corr. metal pipe, cement, and sand and coarse aggregate for conc.

Tiesman Bros. \$93,556.50
A. J. & J. L. Fairbanks 101,769.00
Blumenkranz & Vernon 107,897.00
Hard Bros. 119,416.00
Bates & Borland 121,050.00
Engineer's estimate 123,366.50

Placer County, bet. Roseville and Lincoln, 5.0 ml. to be surfaced with asphalt conc., approx. 8500 tons; commission to furnish topsoil, sand, stone, sand and asphalt conc. for asphalt concrete

A. J. Costello Jr., S. F. \$35,530
Richert & Co. 38,080
V. R. Dennis Constr. Co. 38,080
Donnell, Savage & Fenn 39,270
A. J. Raish 47,175
Engineer's estimate 42,500

CALIFORNIA—C. H. Hudson, Marsh-Strom Bldg., Los Angeles, awarded contract by U. S. Bureau of Roads, Mills Bldg., San Francisco, for construction of Cuyama road, National Forest, Highway project, in Santa Barbara National Forest, counties of Santa Barbara and San Luis Obispo, located 19 miles northeast of Santa Maria, along slope south of Cuyama river, approx. 15.1 ml. in length involving 726 stations clearing right-of-way; 623,100 cu. yds. unclass. excav.; 367 cu. yds. hand placed embank. retaining walls; 1759 cu. yds. Class A conc. (culverts); 315 cu. yds. class C conc. (head-walls); 227,300 lbs. rein. steel; 8040 lin. ft. corr. metal pipe; culverts; 200 cu. yds. hand placed embank. retaining walls; 13,100 lin. ft. right-of-way fencing; 1470 sq. yds. ditch paving.

VENICE, Cal.—City trustees declare intention to construct cem. walks and curbs on Walgrove Ave., bet. Virginia Ave. and first alley southeast, 1911 Act. T. H. Hanna, city clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—City Eng. James K. James has completed plans for a sewer in the eastern section of the city.

ONTARIO, Cal.—Fleming Constr. Co., 1005 N. Park Ave., Pomona awarded contract by city trustees at \$9550 to const. 600 ft. 8-in. corr. metal pipe, 16 in. corr. curb walk; 16 ft. conc. culvert and 151 ft. 30-in. and 52 ft. 18-in. corr. metal culvert; 23 ft. 24-in. and 78 ft. 12-in. corr. metal pipe; 20 ft. 10-in. corr. iron pipe; 20 ft. 12-in. corr. pipe; 5 manholes; 8 catchbasins; J. J. Jessup, town engineer.

Cox & Teget, 222 Harvard Place, Ontario awarded contract at \$3013 to construct 1600 ft. 6-in. vit. sewer in dist. comprising blks. 112 and 115, South Side Tract.

SAN ANSELMO, Marin Co., Cal.—Heafey, Moore and McNair, 2630 High St., Oakland, at \$28,900 awarded contract by town trustees to improve streets in the Barber Tract, involv. 2060 yds. excavation grading; 86,776 sq. ft. surface grading; 86,770 sq. ft. 4-in. asphalt macadam, 2-course pavement; 9900 ft. conc. curb walk; 16 ft. conc. culvert; 151 ft. 30-in. and 52 ft. 18-in. corr. metal culvert; 23 ft. 24-in. and 78 ft. 12-in. corr. metal pipe; 20 ft. 10-in. corr. iron pipe; 20 ft. 12-in. corr. pipe; 5 manholes; 8 catchbasins; J. J. Jessup, town engineer.

WHITTIER, Cal.—Pernell Barnett, 630 E. Washington Ave., Orange, awarded contract by city trustees to const. 1200 ft. 6-in. vit. pipe sewer in Lemon St. bet. Magnolia and Citrus Aves., at 80c ft. 6-in. pipe, \$50 each manholes, \$50 each junction chambers, cost plus 15% extra work.

SALINAS, Monterey Co., Cal.—City council, M. R. Keefe, clerk, declares intention to const. cem. conc. walks and curbs in both sides of Market St. bet. Main and Nativity, except where already, 1911 Act. Protests Dec. 22. D. F. Davies, city engineer.

YUMA, Ariz.—White & Miller, Yuma, were awarded contract by Yuma county highway commission at \$582,853.95 to pave 42 miles highway on Yuma Valley highway from Yuma, south, involv. approx. 329,294 sq. yds. 5-in. asphalt conc. base and wearing surface, 15 ft. wide (schedule No. 1). Bids were also taken on 1 1/2-in. Warrenite-Bit, 5-in. asphalt conc. base (Schedule No. 2). The bids were:

White & Miller, Yuma, (1) \$582,853.95; (2) \$64,719.40
Tayson & Brain, Los Angeles (1) \$590,130.10; (2)
Phoenix Tempe Stone Co., Phoenix, (1) \$628,497; (2) \$651,008.88
Dennis Constr. Co., McMinville, Ore., (1) \$631,566.16; (2)
Independent Asphalt Paving Co., Seattle, Wash., (1) \$719,608.15; (2)
Eros, Phoenix, (1); (2) \$681,101.55

FAIRFIELD, Solano Co., Cal.—Solano county supervisors will shortly ask bids to const. approx. 8 blocks of sewers in Vallejo Heights District; est. cost \$5000. F. A. Steiger, county surv.

SANTA ROSA, Sonoma Co., Cal.—City Council takes following action with regard to street improvements: petition granted to pave North St., bet. 14th and 14th Sts., with 2 1/2-in. asphalt conc. base with 1 1/2-in. Warrenite-Bit and a 3-in. pavement of same type in 5th St., bet. 9th and North Sts., and Washington St., from 5th to 8th Sts. Intention declared to grade and pave South E St., bet. Santa Rosa creek and Bennett Valley. Plans ordered prepared to pave Sebastopol Ave., bet. Santa Rosa Ave. and west city limits also for paving College Ave., bet. Mendocino and west city limits. L. L. Mills, city eng.

SAN RAFAEL, Marin Co., Cal.—S. P. Brownlee, San Rafael, at \$4250 awarded contract by supervisors to improve city street, 1 1/2 in. grad. from San Rafael city limits to Green Brae road.

WASHINGTON, D. C.—Refer to call for bids under official proposal section in this issue re. walks and roads for Veterans' hospital project at American Lake, Tacoma, Wn.

LOS ANGELES, Cal.—J. G. Beckford, 718 San Fernando Bldg., awarded contract by supervisors at \$58,947.80 to grade and pave with disintegrated granite, Centinea Rd., bet. west boundary of city (near Inglewood) west to Washington St. on Rd Dist. No. 1; cash contract No. 155.

SAN FRANCISCO—Schultz Const. Co., 48 E. St., at \$13,000 awarded contract by Board of Public Works to sewer Valley St., bet. Noe and Castro, involv. 4240 cu. yds. cut; 1230 cu. yds. 6-in. corr. metal pipe; 16 in. corr. curb walk; 16 ft. 6-in. sewer and 670 lin. ft. 6-in. vit. sewer; 28 8-in. vit. branches; 21 6-in. pipe drains; 4 br. manholes; 6 br. catchbasins; 190 lin. ft. 10-in. culverts; 1 conc. stairway & retaining wall.

SACRAMENTO, Cal.—City of Sacramento granted permission by State Railroad Commission to construct subway under tracks of S. P. at 18th and B Sts., company to be borne by city and S. P. Company.

SANTA BARBARA, Cal.—Until 5 p. m., Dec. 21, bids will be received by city council to improve Carrillo St., bet. Santa Barbara and Canal Sts., involv. grading, paving with 6-in. conc., constructing cem. curbs, returns, catch basins, standard manholes, 4-in. house sewers, and 6-in. vit. pipe sanitary sewer, and planting pepper trees; 1911 Act. Geo. B. Morrison, city engr.

SAN DIEGO, Cal.—V. A. Olson, 4153 Florida St., submits low bid to city council to improve alley in block 2, Nutt's Addition, involv. (1) 184.2 cu. yds. earth excav. at 95c yd.; (2) 6240 sq. ft. 4-in. cem. conc. paving at 215c ft.; (3) one 6-in. cem. sewer lateral 16 ft. long; (4) one 6-in. vit. sewer; (5) Olson, Nelson—(1) \$1.90, (2) 20c, (3) \$24. N. E. Carter—(1) \$1.40, (2) 22c, (3) \$24; Carl S. Carlson—(1) \$1.50, (2) 195c, (3) \$24. Bids referred to City Engr. F. A. Rhodes.

LOS ANGELES, Cal.—Council declares intention to improve 5th St., bet. Beacon St. and Pacific Ave., and portions of other streets, involv. 343,164 sq. ft. 6-in. conc. paving; 105,772 sq. ft. asphalt paving (5-in. conc. 1-in. paint binder, and 2-in. surface); 93,018 sq. ft. finish grading, oiling and rolling; 20,360 ft. curb; 360 sq. ft. walk; 10,500 sq. ft. gutter; 7815 ft. house sewers; 2990 ft. iron pipe conduits; san. sewer, Mesa St. storm drain; 1000 sq. ft. storm drain; and remodeling of 4 flush tanks and 7 manholes; 1912 Act. Protest date Dec. 29.

SAN DIEGO, Cal.—Fairchild-Gilmore-Wilton Co., 25 14th St., San Diego, submitted low bid to city council to pave Adams Ave., Works Ave., Utah and 30th Sts., involv. (1) 239,438 sq. ft. paving with 1 1/2-in. asphalt conc. surface on 4-in. cem. conc. base at 25c ft.; (2) 113,050 sq. ft. paving with 1 1/2-in. asphalt conc. surface on 2 1/2-in. asphalt conc. base at 20c ft.; (3) 4504.72 sq. ft. curb at 65c ft.; (4) 234,228.48 sq. ft. walks at 25c ft.; (5) three 4-in. cem. sewer laterals at \$20; (6) 32-in. iron pipe laterals at \$40; (7) three catch basins complete at \$225; (8) 64 ft. 24-in. No. 16 gauge corr. iron pipe at \$150. Other bids: Adams Ave. (1) \$249,438; (2) \$32,316; (2) 22.5c; (3) 72c; (2) \$32; (6) \$12; (7) \$270, (8) \$120; G. R. Daley—(1) 81.5c, (2) 22.9c, (3) 75c, (4) 26.5c, (5) \$42, (6) \$15, (7) \$260, (8) \$130. Bids referred to City Engr. F. A. Rhodes.

LOS ANGELES, Cal.—B. D. Baucus, 5307 8th Ave., awarded contract by supervisors at \$4378 for grading and other improvements on 10th St., bet. 10th and bet. Randolph and 60th Sts., 0.25 ml. (R. D. I. No. 230).

SAN FRANCISCO—Eaton and Smith, 407 11th St., at \$40,226.95 awarded contract by Board of Public Works to improve north half of Sloat Blvd., bet. 12th and 14th Sts., involv. 1500 cu. yds. cut; 3300 cu. yds. fill; 152.2 sq. ft. asphalt conc. pavement; 9550 lin. ft. 2x8 r. w. headers; 1400 sq. ft. basalt block head curb pavement; 370 cu. yds. gravel surfacing removing trees, etc.

WHITTIER, Cal.—Pernell Barnett, 630 E. Washington Ave., Orange, awarded contract by city trustees to const. vit. sewer, bet. English St. and 14th and bet. sta. 112 plus 11.26 and sta. 120 plus 25.85, at \$2 ft. 18-in. pipe, \$3.20 ft. 24-in. pipe, \$60 manholes, cost plus 15% extra work. Other bids were: M. Rudinich, \$3.05 18-in. pipe, \$3.55 24-in. pipe, \$70 manholes, cost plus 15% extra work; Nick Chutuk, \$2.75 18-in. pipe, \$3.69 24-in. pipe, \$60 manholes, cost plus 14% extra work; D. J. Milosevich, \$3.18-in., \$4 24-in. pipe, \$75 manholes, cost plus 20% extra work.

LOS ANGELES, Cal.—Wm. Liddington, 420 E. 60th St., awarded contract by Board of Public Works at \$4436.43 to pave Gramercy Pl., bet. Tr. 4506 and 4508, involv. 16,860 sq. ft. grading to finish grade at 16c sq. ft. curb, conc. paving at 19.4c ft.; 66 ft. grading at 60c ft.; 425 sq. ft. walk at 19c ft.; 184.5 ft. house sewers at \$150 ft.; 32 ft. Warren Const. Co. Bank Bldg., awarded contract at \$15,045 to pave Sierra Vista Ave., bet. Western Ave. and Milton Pl., involv. 43,094 sq. ft. grading, 16 in. corr. metal pipe, 43,094 sq. ft. Warrenite-Bit paving at 24.5c ft. 11 ft. curb at 75c ft.; 2584 sq. ft. conc. gutter at 33c ft.

COLTON, Cal.—City council declares intention to pave I St., bet. Hancock Ave. and 319 ft. west of Fifth St., with 5-in. asphalt conc. and oil wearing surface; E St., bet. 8th St. and Mt. Vernon Ave.; Tenth St., bet. I St. and the S. P. tracks; Colton Ave., bet. Tenth and F Sts.; and North 8th St., bet. A and Oak Sts. The work includes a total of 44,000 sq. yds. paving, 16 in. corr. metal and culverts, M. L. Cook, city manager.

SANTA ANA, Cal.—City trustees declare intention to improve Artesia Street, west First and west Fifth Sts., to grade and pave with 6-in. sem. conc. and belt finish wearing surface; cement curb, house sewers, reinf. conc. culvert; 1911 Act, E. L. Vegeley, city clerk.

MODESTO, Stanislaus Co., Cal.—Until Dec. 13, 7:30 p. m., bids will be received by L. A. Love, city clerk, for rental of city sewer farm for period of one year ending Dec. 15, 1923. Cert. check 10% required.

FRESNO, Fresno Co., Cal.—Thompson Bros., G. and Divisadero Sts., Fresno at \$9,255 awarded contract by city council to construct cem. conc. walks in E St., bet. Fresno and Merced Sts.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares intention to improve 5th St., bet. San Carlos and Reed, crossings of San Salvador and William Sts., excepted, by re-grading; paving with 3-in. asphalt concrete base with 1½-in. "Durlite" asphalt surface, 1915 Bond Act. Wm. Popp, city engineer.

VAN NUYS, Cal.—City council petitioned to pave Vesper Ave., and Pershing Ave., from Parthenia St. north to San Fernando Blvd.

FRESNO, Fresno Co., Cal.—Until December 21, 3:30 P. M., bids will be received by R. Y. St. George, City Clerk, to improve alley in Block 48, between Fresno and Merced streets, by grading and paving with cement concrete, 6-in. thick and 19.5 ft. wide, 1911 Act. Wm. Stranahan, City Engineer.

SALFEM, Ore.—Following low bids received by State Highway Commission for 23.3 miles of improvements: Clackamas county—Sandy-Cherryville section of Mount Hood Loop highway, 7.4 mi. crushed rock or gravel surfacing, 10,400 cu. yds. of surfacing; Rigdon & Twiehe, Woodburn, Ore., \$28,802. Taken under advisement.

Columbia Co., Rainier City sec., Columbia River highway, 0.9 mi. paving awarded to A. D. Kern, Portland, at \$23,713 for concrete.

Linn county, Murder creek section of Pacific Highway, 62 mi. paving, awarded to Soleim and Gustafson, Astoria, Ore., conc. \$15,273.

Linn county, Tangent-Shedd section of Pacific highway, 2.2 mi. paving, Cochran Const. Co., \$56,030 for conc.; A. D. Kern, Portland, \$50,606 bitu. Taken under advisement.

Lane county, Goshen-Chesire section, Willamette highway, 8.7 mi. grading and surfacing, involv. 23,000 cu. yds. excav., 9900 cu. yds. surfacing, A. C. Matthews, Eugene, Ore., \$40,920. Taken under advisement.

Lane County, Goshen-Lowell section, Willamette highway, 8.7 mi. grading and surfacing, involv. 64,000 cu. yds. excavation and 19,000 cu. yds. surfacing, Warren Const. Co., Portland, \$32,571. Taken under advisement.

BUSINESS OPPORTUNITIES

Further information regarding these opportunities may be had from Domestic & Foreign Trade Department of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco.

6510—Glasgow, Scotland. Commission agent wishes to buy scrap platinum, palladium, iridium and osmium metals.

6510—Shanghai, China. Company will make connections with San Francisco firms desiring to import Chinese goods or export manufactured articles to China.

6521—Globe, Ariz. Lumberman owning timber in Mexico desires to reach San Francisco hardwood dealers.

6522—Tokio, Japan. Manufacturers wish to import white northern ash from San Francisco suitable for manufacture of tennis rackets.

6523—United Kingdom. Firm is desirous of selling its patents in connection with a new method of transmitting power for industrial purposes.

6524—United Kingdom. Communication is desired with importers or users of refined and thickened rape oils used in the manufacture of engine oil.

6525—Spital, Austria. Manufacturers of scythes, established fifty years, desire to make connections with a reliable San Francisco importer of agricultural implements.

6527—New York. Exporters of off-grade material in iron and steel desire to reach San Francisco dealers of these products.

6528—Durango, Colo. Coke dealers desire to get in touch with exporters interested in working up an export market for coke through San Francisco.

6529—Italy. Communication is desired with San Francisco firms who wish to buy Italian lamp shades, marble, alabaster, ceramics, novelties and cut glass.

6535—Pittsburgh, Pa. Eastern manufacturing Company would like to establish an agency for the distribution of its tool steels in San Francisco.

6539—San Francisco, Cal. Exporter and importer would like to communicate with buyers of ammonium chloride, barium carbonate, oxalic acid, sodium ammoniac, potash bichromate, sodium nitrate and other chemicals.

D-300—Chicago, Ill. Manufacturing concern desires manufacturer's agent here to distribute their sanitary all-steel kitchen cabinets and tables.

D-301—Baltimore, Maryland. Eastern manufacturer desires to appoint agent with exclusive selling rights in the State of California for their Ideal Tape Machine.

D-303—Coalinga, Cal. Owner wishes to dispose of four claims (80 acres) high grade magnesite deposit, by test 92 per cent, boulder and blanket formation; 150 tons already mined; estimated 11,000 to 20,000 tons in deposit; on good road to shipping point. Cash necessary.

D-304—Portland, Ore. Lumber company is desirous of obtaining outlet for handle stock for brooms, mops, etc.,

principally fir, altogether has large quantity of alder available. Also would like to contract for direct sale of railroad ties.

D-305—Salt Lake City, Utah. Representative specialty company manufacturing sanitary radiator hangers desires distributor this market.

THEATRES

(Continued from Page 13)

SAN DIEGO, San Diego Co., Cal.—Arch. William H. Wheeler, San Diego, is completing plans for a Spanish renaissance type, class A steel and reinf. conc. theatre building, to be erected at southwest corner 4th and E Sts., for E. E. Hicks, lessee, owner of the Ca-brille theater. It is reported that Sid Grauman will be associated with the lessee. The completed theater will represent an investment in the neighborhood of \$600,000. It will be 100x150 ft. in dimension, and have a seating capacity in the main auditorium of 2000. The auditorium will be 56 ft. high, with balcony and mezzanine floor, with ornamental marquise on corner entrance. The exterior will be cream colored tile with tower of variegated tiles. The ground and structure will cost \$450,000, equipment \$150,000 and pipe organ, \$50,000. Southern Title Co. and J. R. Barkley, investment broker, represent the owners, and Lane D. Webber is agent for Mr. Hicks.

EVERETT, Wash. — Architect H. Ryan, People's Bank Bldg., taking figures to remodel Everett Theatre for Star Amusement Co. of Everett, Wn. Est. cost \$100,000. Work will include steel, terra cotta, marble, plastering and ornamental plaster, electrical work, plumbing, heating and ventilating system. Seating capacity will be increased from 800 to 1500.

A new Columbia Theatre, which may be located near the site of the old Columbia on Powell street close to Market, is being planned by J. J. Gottlob and A. L. Erlanger, of New York, and likely will be opened in the autumn of 1924. The structure, costing about \$700,000, will have a seating capacity of 1750.

The new Columbia Theatre will be a duplicate of the Biltmore in Los Angeles, plans for which have been completed already by Ralph Pincus, local manager of the Columbia, and approved by Mr. Erlanger, who is bringing his personal architect from New York for the construction of these buildings. The Metropolitan Theatre in Seattle will also form a link in the west coast circuit.

Upon the expiration of Mr. Gottlob's lease on the present Columbia, January, 1925, Louis R. Lurie will assume control of the theatre.

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Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
4307	Joost	Owner	50000
4308	Gibson	Owner	7000
4309	Western	Owner	3500
4310	Lindeman	Owner	5000
4311	Abrams	Owner	2200
4312	Craig	Ohlsen	1000
4313	Levy	Meyer	7725
4314	Young	Owner	4000
4315	Adams	Mager	3600
4316	Parkside	Owner	4000
4317	Muhs	Moller	12250
4318	Dairy	Wilhelm	5348
4319	Pfeifer	Bjorkman	3000
4320	Cutting	Hannah	5000
4321	Rossi	Vannucci	2000
4322	Newhauser	Walters	3500
4323	Williams	Williams	10000
4324	New Era	Owner	12000
4325	Albert	Owner	1950
4326	Nyman	Owner	7600
4327	Stulsatz	Fetter	1250
4328	Barretto	Wilson	1500
4329	Sharrman	Owner	2400
4330	Allen	Owner	2400
4331	Ferreiros	New Era	2000
4332	Frommer	Blensfeld	9285
4333	Talbot	Vogt	37823
4334	Same	Badt	9424
4335	Shell	Owner	1400
4336	Petzold	Owner	6000
4337	Burness	Papenhausen	7400
4338	Felix	Owner	25000
4339	Brown	Peterson	7500
4340	Sala	Owner	2000
4341	Evers	Gibson	8000
4342	Stewart	Owner	1500
4343	Parkside	Owner	4000
4344	Garland	Diestel	20000
4345	Rainier	Owner	1000
4346	Gibson	Beach	650
4347	Mohaupt	Johnson	10980
4348	Adams	Mager	3665
4349	Gibson	Beach	650
4350	Roos	Herman	4000
4351	McCarthy	Backman	8000
4352	Higgins	Owner	75000
4353	Newsom	Newsom	10500
4354	Cody	Owner	3500
4355	Sala	Mitchell	20000
4356	Cramer	Olson	18000
4357	Araboglou	Hardy	15000
4358	Cahen	Owner	40000
4359	Kirby	Owner	5000
4360	Monson	Owner	7000
4361	Marx	Owner	18000
4362	Bellhaus	Houweling	3850
4363	Denman	Hardy	4000
4364	Voorhies	Owner	12000
4365	Edwards	Meyer	9520
4366	White	McSheehy	5572
4367	S P Co	Raisch	

APARTMENTS

(4307) NE BAKER AND GOLDEN Gate Ave. Three-story and basement frame (15) apartments. Owner—W. H. Joost, % Architect. Architect—Arthur G. Scholz, 839 Phelan Bldg., San Francisco. \$50,000

APARTMENTS

(4308) E NINTH AVE 50 N Judah. Three-story and basement frame (5) apartments. Owner—Jas. C. Gibson, 247 Montgomery St., San Francisco. Architect—R. R. Irvine, 507 Call Bldg., San Francisco. \$7000

ALTERATIONS

(4309) NO. 57 POWELL. Remodel front; plaster and tile partitions; plumbing, heating, etc. Owner—Western Union Telegraph Co., 49 Geary St., San Francisco. Plans by Owner \$3500

DWELLING

(4310) W TWENTY-THIRD AVE 50 S Cabrillo. One-story and basement frame dwelling. Owner—H. O. Lindeman, 619 27th Ave., San Francisco. Designer—W. R. Lindeman. Contractor—W. R. Lindeman, 530 Balboa St., San Francisco. \$5000

ADDITION

(4311) W SEVENTH 25 S Decker Alley. Add 3 walls of brick 17-in. thick; concrete floor, roofing, etc., for battery station. Owner—L. Abrams, 1202 Nevada Bk. Bldg., San Francisco. Architect—Mel. I. Schwartz, Nevada Bk. Bldg., San Francisco. \$2200

ADDITION

(4312) W LONDON 125 N Persia. Two-room addition to dwelling. Owner—Wm. Craig, 296 London St., San Francisco. Architect—None. Contractor—A. H. Ohlsen, 2426 Pine St., San Francisco. \$1000

RESIDENCE

(4313) E TWENTY-SECOND AVE 200 S Geary S 27-XE 120. All work for two-story and basement frame residence. Owner—Albert Levy, 551 25th Ave., San Francisco. Architect—H. C. Baumann, 251 Kearny St., San Francisco. Contractor—Meyer Bros., 5326 Geary St., San Francisco.

Filed Dec. 8, '22. Dated Dec. 4, '22. Wall and roof sheathing in place \$1931 Brown coated 1931 Completed and accepted 1931 Usual 35 days 1932 TOTAL COST, \$7725 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE

(4314) N CALIFORNIA 112-6 W Octavia. One-story frame residence. Owner—Edward E. Young, 251 Kearny St., San Francisco. Plans by Owner. \$1000

STORES

(4315) N TWENTY-FOURTH 220 E Valencia. One-story frame (2) stores. Owner—W. Adams, 364 Fair Oaks Ave., San Francisco. Architect—W. G. Merchant. Contractor—Mager Bros., 1318 Valencia St., San Francisco. \$3600

DWELLING

(4316) E THIRTY-FIFTH AVE 225 N Ulloa. One-story and basement frame dwelling. Owner—Parkside Realty Co., 617 Crocker Bldg., San Francisco. Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$1000

LOFT BLDG.

(4317) N TEHAMA 187-6 E Fourth. All work except electric wiring, finish hardware and whitewash for two-story Class C loft building.

Owner—H. A. A. Muhs, 25 Stockton St., San Francisco. Architect—Dodge A. Riedy, Pacific Bldg., San Francisco. Contractor—Fred Moller, Call Bldg., San Francisco.

Filed Dec. 8, '22. Dated Dec. 8, '22. 2nd floor beams poured \$3062.50 Concrete walls poured 3062.50 Completed and accepted 3062.50 Usual 35 days 3062.50 TOTAL COST, \$12,250.00 Bond, \$6125. Sureties, F. K. McComber and R. W. Moller. Limit, 45 days. Forfeit, none. Plans and specifications filed.

OFFICE BLDG.

(4318) N NINETEENTH 260 E Guerrero E 25XN 100. All work for two story office building. Owner—Dairy Delivery Co., 3550 19th St., San Francisco. Architect—Will H. Toepke, 72 New Montgomery St., San Francisco. Contractor—A. H. Wilhelm, 180 Jessie St., San Francisco. Filed Dec. 9, '22. Dated Dec. 6, '22. Frame up and roof on \$2000 Completed and accepted 2011 Usual 35 days 1337 TOTAL COST, \$5348 Bond, \$2700. Sureties, L. M. Zimmermann and D. J. Sullivan. Limit, 35 days. Forfeit, \$10. Plans and specifications filed.

DWELLING

(4319) NE ALVARADO AND CASTRO. One-story and basement frame dwelling. Owner—Frederic G. Pfeifer, 2539 Mission St., San Francisco. Architect—None. Contractor—V. Bjorkman, 4593 Mission St., San Francisco. \$3000

SHOP

(4320) W DRUMM 80 N Jackson. One-story concrete shop. Owner—Cutting Packing Co., Merchants National Bank Bldg., S. F. Architect—None. Contractor—Hannah Bros., 142 Sansome St., San Francisco. \$5000

GARAGE

(4321) W FILLMORE AND VALEJO One-story reinforced concrete private garage. Owner—E. Rossi, Premises. Architect—Powers & Ahndsen, 460 Montgomery St., San Francisco. Contractor—L. Vannucci Bros., 16th & Church Sts., San Francisco. \$2000

DWELLING

(4322) W FRANKLIN 87-6 W Chestnut. One-story and basement frame dwelling. Owner—Clara Lydia Newhauser, 2513 Sacramento St., San Francisco. Architect—E. M. Walters, 921 Monadnock Bldg., San Francisco. Contractor—Walters & Grove, 921 Monadnock Bldg., S. F. \$3500

RESIDENCE

(4323) W HYDE 95-10 S Chestnut. Two-story and basement residence to be remodeled into apartments. Owner—Mrs. E. E. Williams, 2636 Howard St., San Francisco. Architect—None. Contractor—Williams & Wood, 601 Mills Bldg., S. F. \$10,000

DWELLINGS

(4324) SW PARK AND HOLLY PARK Circle and S Park 25, 50, 75 E Holly Park Circle. Four one and one-half-story and basement frame dwellings.
Owner—New Era Building Co., 3289 Mission St., San Francisco.
Architect—None. \$3600 each

ALTERATIONS

(4325) NO. 63 POWELL. Change store front; rearrange light and heating fixtures; redecorate; install plumbing and partitions.
Owner—The Albert Sheets Mission Candies Co., 6661 Hollywood Blvd., Los Angeles.
Architect—None. \$1950

DWELLINGS

(4326) N ROLPH 225 & 250 W Madrid Two one-story and basement frame dwellings.
Owner—Carl E. Nyman, 755 Capp St., San Francisco.
Architect—None. \$3800 each

ALTERATIONS

(4327) NO. 2937 SIXTEENTH. Alter for tailor shop.
Owner—Miss Gussy Stulsaft, 2005 Sacramento St., San Francisco.
Architect—None.
Contractor—F. Fetter, 301 Guerrero St., San Francisco. \$1250

ALTERATIONS

(4328) NO. 1338 TENTH AVE. Move and make general repairs to present building.
Owner—Jalinto Barretto, 462 9th Ave., San Francisco.
Architect—None.
Contractor—E. B. Wilson, 2530 28th Ave., San Francisco. \$1500

STORES

(4329) E THIRD 50 N Revere. One-story frame stores.
Owner—T. L. Sharmar, 1440 Shafter Ave., San Francisco.
Architect—None. \$2400

RESIDENCES

(4330) E TWENTY-EIGHTH AVE 213, 243½ and 274 N Lake. Three two-story and basement frame residences.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Ertz, 168 Sutter St., San Francisco. \$7000 each

DWELLING

(4331) S ARLINGTON 185 W Roanoke One-story and basement frame dwelling.
Owner—L. Ferreiros, 3289 Mission St., San Francisco.
Architect—None.
Contractor—New Era Bldg., Co., 3289 Mission St., San Francisco. \$2000

RESIDENCE

(4332) E THIRD AVE 134-0% S California S 25x120. All work except finish hardware, shades, wall paper and lighting fixtures for two story and basement frame residence.
Owner—Reinhold Frommer, 1787 Mission St., San Francisco.
Architect—Frederick G. Munk Jr., 58 Francis St., San Francisco.
Contractor—Daniel L. Biehnfeld, 1405 Clement St., San Francisco.
Filed Dec. 11, '22. Dated Nov. 27, '22.
Frame up and roof sheathed... \$3231
Brown coated... 2321
Completed and accepted... 2321
Usual 35 days... 2322
TOTAL COST, \$9285
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

R C BLDG.

(4333) N NATOMA AND EIGHTH NW 75xNE 275. Excavations, grading,

bulkheading, concrete, brick and terra cotta flues for two-story and mezzanine reinforced concrete bldg
Owner—Talbot Investment Co.
Architect—J. E. Kraft & Sons, Phelan Bldg., San Francisco.
Contractor—Alfred H. Vogt, 185 Stevenson St., San Francisco.
Filed Dec. 11, '22. Dated Nov. 28, '22.
Concrete walls, wall column footings and interior column footings poured... \$6000
Concrete poured to 2nd floor level... 7500
2nd floor slab poured... 10000
Completed and accepted... 4800
30 days after... 9523
TOTAL COST, \$37,823
Bond, \$19,000. Surety, New Amsterdam Casualty Co. Limit, March 27, 1923. Forfeit, \$40. Plans and specifications filed.

(4334) REINFORCING STEEL ON above.
Contractor—Badt Falk & Co., Call Bldg., San Francisco.
Filed Dec. 11, '22. Dated Nov. 28, '22.
On 10th of each month... 75%
Usual 35 days... 25%
TOTAL COST, \$9424
Bond, \$4725. Surety, Fidelity & Deposit Co. of Maryland. Limit, without delay. Forfeit, \$40. Plans and specifications filed.

STATION

(4335) NE BAY AND COLUMBUS Ave. One-story steel gasoline service station.
Owner—Shell Co. of California, 343 Sansome St., San Francisco.
Plans by Owner. \$1400

ALTERATIONS

(4336) N EIGHTEENTH 200 E Sanchez Alter flats into apartments.
Owner—Mrs. R. O. Petzold, 4094 18th St., San Francisco.
Architect—R. W. Jenkins. \$6000

FRAME FLATS

(4337) W FIFTH AVE 125 N Judah. Two-story and basement frame (2) flats.
Owner—Robert E. Burness, 476 5th Ave., San Francisco.
Architect—Walter Falch, Hearst Bldg., San Francisco.
Contractor—H. Papenhausen, 532 3rd Ave., San Francisco. \$7400

APARTMENTS

(4338) SW GOUGH AND ROSE. Three story and basement frame (23) apartments.
Owner—Elvira Felix, 925 Leavenworth St., San Francisco.
Architect—R. R. Irvine, 507 Call Bldg., San Francisco. \$25,000

FRAME FLATS

(4339) W GUERRERO 245 S Sixteenth. Two-story and basement frame (2) flats.
Owner—Lillian Brown, 19 Bartlett St., San Francisco.
Architect—None.
Contractor—Gustav Peterson, 683 9th Ave., San Francisco. \$7500

RESIDENCE

(4340) SW JACKSON AND LAUREL. Two-story and basement frame residence.
Owner—A. G. Sala, 558 Capp St., San Francisco.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco. \$20,000

DWELLINGS

(4341) W NINETEENTH AVE 175 and 200 N Kirkham. Two one-story & basement frame dwellings.
Owner—Evers & Gorham, 1500 Haight St., San Francisco.
Architect—Willis Lowe, Monadnock Bldg., San Francisco.

Contractor—H. N. Gibson, 454 Ellis St., San Francisco. \$4000 each

DWELLING

(4342) S REVERE 112½ W Hawes. Two-story and basement frame dwelling.
Owner—A. L. Stewart, 1215 Revere Ave. San Francisco.
Architect—None. \$1500

DWELLING

(4343) E THIRTY-FIFTH AVE 250 N Ulloa. One-story and basement frame dwelling.
Owner—Parkside Realty Co., 607 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. \$4000

REPAIRS

(4344) SW GEARY AND LARKIN. Repair fire damage to hotel.
Owner—P. J. Gartland, 248 Russ Bldg., San Francisco.
Architect—None.
Contractor—John Diestel, 248 Russ Bldg., San Francisco. \$20,000

REPAIRS

(4345) NO. 1580 BRYANT. Repair fire damage.
Owner—Rainier Brewing Co., Premises.
Architect—None. \$1000

WIRING APARTMENTS

(4346) E NINTH AVE 100 N Judah. All work for wiring apartments and store.
Owner—J. C. Gibson, 247 Montgomery St., San Francisco.
Architect—None.
Contractor—Beach Electric Co., Inc., 2369 Mission St., San Francisco.

Filed Dec. 12, '22. Dated Nov. 29, '22.
Completion of roughing in... 60%
On completion... Balance
TOTAL COST, \$650
Bond, limit, forfeit, plans and specifications, none.

BUILDING

(4347) S KIRKHAM 57-6 E Eleventh Ave E 25xS 100. Grading, concrete, carpenter, mill work, lathing, plastering, and roofing for two story and basement frame building.
Owner—Raymond J. and Mary E. Mohaupt, 770 5th Ave., S. F.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—Fred S. Johnson.
Filed Dec. 12, '22. Dated Dec. 11, '22.
Frame up... \$2745
Brown coated... 2745
Completed and accepted... 2745
Usual 35 days... 2745
TOTAL COST, \$10,980
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(4348) N TWENTY-FOURTH bet. Mission and Valencia. Alterations except plumbing, painting, electric fixtures and hardware for raising building and two new stores.
Owner—A. C. and W. F. Adams, 364 Fair Oaks St., San Francisco.
Architect—None.
Contractor—Mager Bros., 1318 Valencia St., San Francisco.
Filed Dec. 12, '22. Dated Dec. 5, '22.
Frame up... \$916
Brown coated... 916
Accepted... 916
Usual 35 days... 917
TOTAL COST, \$3665
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

WIRING APARTMENTS

(4349) E NINTH AVE 150 N Judah. All work for wiring apartments and store.
Owner—J. C. Gibson, 247 Montgomery St., San Francisco.
Architect—None.

Contractor—W. Beach Electric Co., Inc.,
2369 Mission St., San Francisco.
Filed Dec. 12, '22. Dated Nov. 29, '22.
Completion of roughing in... 60%
On completion.....Balance
TOTAL COST, \$650
Bond, limit, forfeit, plans and specifications, none.

DWELLING

(4350) W FAXON AVE 267-6 S Wildwood. One-story and basement frame dwelling.
Owner—A. C. Roos, 830 San Carlos Ave., Berkeley.
Architect—J. H. Herman, 811 Carmel Ave., Berkeley.
Contractor—J. H. Herman, 811 Carmel Ave., Berkeley. \$4000

DWELLINGS

(4351) E FOERSTER 25 and 50 S Flood Ave. Two one-story and basement frame dwellings.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor—Backman Bros., 537 Chenery St., S. F. \$4000 each

APARTMENTS

(4352) S GEARY 68-6 E Hyde. Six-story and basement Class C (36) apartments.
Owner—C. W. Higgins, 1306 Shrader St., San Francisco.
Architect—Edward E. Young, 251 Kearny St., S. F. \$75,000

APARTMENTS

(4353) E RAMONA 205 S Fourteenth. Two-story and basement frame (4) apartments.
Owner—George R. and Katherine Newsum, 37 Ramona St., S. F.
Architect—None.
Contractor—Geo. R. Newsum, 37 Ramona St., San Francisco. \$10,500

DWELLING

(4354) W THIRTY-FIFTH AVE 75 N Anza. One-story and basement frame dwelling.
Owner—Bertram A. Cody, 451 22nd Ave., San Francisco.
Architect—None. \$3500

DWELLINGS

(4355) SW TWENTY-SEVENTH AND York and W York 25, 50, 75 and 100 S Twenty-sixth. Five one-story and basement frame dwellings.
Owner—Sala & Sala, 16th and Valencia Sts., San Francisco.
Architect—None.

Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S. F. \$4000 each

APARTMENTS

(4356) E TAYLOR 92 N Sacramento 23x80. All work for three-story frame apartment building.
Owner—Jas. M. & Marcella M. Cramer, 1732 Golden Gate Ave., S. F.
Architect—None.
Contractor—Andrew Olson and Edwin S. Persson, 239 Fell St., S. F.
Filed Dec. 13, '22. Dated Dec. 6, '22.
Frame up and roof boards on... \$3375
Plumbing roughed in and building ready for lathing..... 3375
White coated..... 3375
Completed and accepted..... 3375
Usual 35 days..... 4500
TOTAL COST, \$18,000
Bond, \$9000. Sureties S. Persson and Wm. Norrington. Limit, 100 days. Forfeit, none. Plans and specifications filed.

STORES, ETC.

(4357) S CLEMENT 30 E Twenty-third Ave. Three-story frame stores and (2) flats
Owner—Tony Araboglou, 2528 20th St., San Francisco.
Architect—A. M. Hardy, 518 24th Ave., San Francisco.
Contractor—A. M. Hardy, 518 24th Ave., San Francisco. \$15,000

APARTMENTS

(4358) S CALIFORNIA 88-9 W Polk. Three-story and basement frame (19) apartments.
Owner—Mrs. I. W. Cahen, % F. R. Grannis, 2450 Steiner St., S. F.
Architect—Edw. E. Young, 251 Kearny St., San Francisco. \$40,000

FLATS

(4359) W EIGHTEENTH AVE 200 N Geary. Two-story and basement frame (2) flats.
Owner—J. C. Kirby, 430 20th Ave., San Francisco.
Architect—None. \$5000

FLATS

(4360) NW KIRKHAM AND SIXTH Ave. Two-story and basement frame (4) flats.
Owner—F. Monson, 509 Cabrillo St., San Francisco.
Architect—None. \$7000

RESIDENCE

(4361) W LAUREL 93 S Jackson. Two-story and basement frame residence.
Owner—Mrs. Viola K. Marx, 760 12th Ave., San Francisco.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco. \$18,000

RESIDENCE

(4362) W NAPLES 100 N Amazon. One-story and basement frame residence.
Owner—Miss E. Bellhaus, Italy and Naples Sts., San Francisco.
Architect—None.
Contractor—P. J. Houweling, 830 Prague St., San Francisco. \$3850

GARAGE

(4363) NO. 3399 PAGE (rear). Two-story frame, private garage and chauffeur's quarters.
Owner—Wm. Denman, Premises.
Architect—Willard & Hurt, 535 Mills Bldg., San Francisco
Contractor—A. M. Hardy, 518 24th Ave., San Francisco. \$4000

FLATS

(4364) E LOLOYA TERRACE 177-6 and 159 N Fulton. Two two-story and basement frame flat buildings (2 flats each).
Owner—W. R. Voorhies, 50 Divisadero St., San Francisco.
Architect—None. \$6000 each

COTTAGES

(4365) E SEVENTEENTH AVE 262-6 and 287-6 S Balboa. All work for two six-room cottages.
Owner—J. W. Edwards, 672 27th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.

Filed Dec. 14, '22. Dated Nov. 29, '22.
Frame up each.....\$1190
Brown coated each..... 1190
Completed and accepted each..... 1190
Usual 35 days each..... 1190
TOTAL COST, each, \$4760
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

ALTERATIONS

(4366) NO. 2329 FRANKLIN ST near Vallejo. All work for alterations to building.
Owner—Mrs. J. White.
Architect—None.
Contractor—James B. McSheehy, 1147 Dolores St., San Francisco.
Filed Dec. 14, '22. Dated Dec. 11, '22.
Partitions altered and in place..... 1393
Partitions brown coated..... 1393
Completed and accepted..... 1393
Usual 35 days..... 1393
TOTAL COST, \$5572
Bond, none. Limit, 60 days after Dec. 15. Forfeit, none. Plans and specifications filed.

PAVING

(4367) AT OCEAN VIEW. All work for paving driveway with asphaltic concrete.
Owner—Southern Pacific Co., S. P. Bldg., San Francisco.
Architect—None.
Contractor—Raisch Improvement Co., 46 Kearny St., San Francisco.
Filed Dec. 14, '22. Dated Nov. 14, '22.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$274 per sq. ft.
Bond, \$2500. Surety, National Surety Co. Limit, 60 days. Forfeit, plans and specifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded	Accepted
Dec. 8, 1922—NO. 1454 LOMBARD N side. Puccini to J W Mitchell.....	Dec. 8, 1922
Dec. 8, 1922—E HOLYOKE 100 N Silliman 25x120. Wm H Ghran to whom it may concern.....	Dec. 6, 1922
Dec. 8, 1922—LOT 11 BLK 2173 Westwood Park. Regina Ortelg to Hans Nelson (as Nelson Bros.).....	Dec. 8, 1922
Dec. 8, 1922—LOT 10 BLK 2817 Forest Hill Court. Patrick Hurley to whom it may concern.....	Dec. 5, 1922
Dec. 8, 1922—E SIXTEENTH AVE 49-8 S Cabrillo S 25X6 77-6. Jos C Kirby to whom it may concern.....	Dec. 8, 1922
Dec. 8, 1922—NO. 1426 HAIGHT N line Haight 106-3 W from W Masonic Ave. Isabelle W Meacham to Jack Callaghan.....	Nov., 1922
Dec. 9, 1922—E COMMONWEALTH Ave 310 Euclid Ave 50x148 m or l.....	Dec. 1, 1922
Mrs. Gladys Hunter to Ira W Coburn.....	Dec. 5, 1922
Dec. 9, 1922—NW FOURTH AVE & Anza N 75xW 32-6. Victor Bjors to whom it may concern.....	Dec. 9, 1922
Dec. 9, 1922—W VAN NESS AV 112-6 S Bay S 25xW 123. Minnie Kroll to whom it may concern.....	Dec. 8, 1922
Dec. 9, 1922—NE SACRAMENTO & Jones E 68xN 37-6. James Whit Dougherty to whom it may concern.....	Dec. 7, 1922
Dec. 11, 1922—E FORTY-FOURTH Ave 130 N Balboa N 30X6 80. Jas B McAndrews to whom it may concern.....	Dec. 9, 1922
Dec. 11, 1922—W EIGHTH AVE 51-10 N Cabrillo 24-4x82-6; W Eighth Ave 76-2 N Cabrillo 24-4x82-6; W Eighth Ave 27-6 N Cabrillo 24-4x 82-6. Arthur S Katz and Alfred Becker to whom it may concern.....	Dec. 11, 1922
Dec. 11, 1922—E FORESTER 125 S Sunnyside Ave 50x100. Paul Piper to whom it may concern.....	Dec. 11, 1922
Dec. 11, 1922—W MISSION 50 S Bosworth 30x79-11½ and 42-5x 49-11½. Agnes Shea to G Ferroni & Sons.....	Dec. 11, 1922
Dec. 11, 1922—W SIXTH AVE 110 N Clement 61x120. Louis R Lurie to Vukicevic & Barge.....	Dec. 11, 1922
Dec. 11, 1922—SW NEWCOMB AVE 75 N WKeith. Andrew J Macagno to Madden Hammersmith Dev Co.....	Dec. 2, 1922
Dec. 11, 1922—N SACRAMENTO 137-6 W Jones W 60xN 70. Henry and Hattie M Tillman to Jas L McLaughlin.....	Dec. 11, 1922
Dec. 12, 1922—N JACKSON 115-6 E Broderick N 127-8½XE 31-10 4/5. Harry Kalisky to The Turner Co, Ira W Coburn and H Maundrell & Co.....	Dec. 8, 1922
Dec. 12, 1922—NW SANTA ANA AVE and St. Francis Blvd 2 B 1k 10, St. Francis Wood. A S Gunn to Monson Bros.....	Nov. 27, 1922
Dec. 12, 1922—NE SECOND AVE & Hugo 25x95. Mrs. Ellen Powell to Cox Bros.....	Dec. 11, 1922

Dec. 12, 1922—N ARLINGTON 125 E
Ronnoko 25x100. Alexander
Koffer to whom it may concern.
.....Dec. 12, 1922

Dec. 13, 1922—N SHERIDAN 180 W
Ninth. M W P Bottruff to Fred
Warden.Dec. 12, 1922

Dec. 13, 1922—89 GROVE AND
Visadero S 100x8 125. Frank E
Clark to L Vannucci and P Vannu-
celli.Dec. 13, 1922

Dec. 13, 1922—E FORTY-FOURTH
Ave 32-2 and 618 N Point Lobos
Ave 32-65x57 and NE Forty-
fourth and Point Lobos Aves. R
Monson to whom it may concern.
.....Dec. 13, 1922

Dec. 13, 1922—N LIBERTY 50 E Do-
lores E 25xN 76-6. Dennis D
and Mary E Casey to whom it may
concern.Dec. 12, 1922

Dec. 13, 1922—S FLOOD AVE 115 W
Foerster W 30xS 112-6 Lot 12 Ptn
15 Blk 13; S Flood Ave 475 W
Foerster W 25 S 25 W 10 S 87-6 E
35 N 112-6 Ptn Blk 13, Sunnyside.
Moneta Investment Co to James
Arnott & Son.Nov. 23, 1922

Dec. 13, 1922—N LIBERTY 25 E
Dolores E 25xN 76-6. John J and
Estelle Casey to whom it may
concern.Aug. 1, 1922

Dec. 13, 1922—N GEARY 30 W Third
Ave W 60xN 100. Adam Arras to
whom it may concern.Dec. 13, 1922

Dec. 12, 1922—E DOLORES 83-3 N
Clark St N 76-6x103-2. C Har-
rington Schultz to Andrew Lynch
M C Ingraham and Geo Rehn.
.....Dec. 7, 1922

Dec. 13, 1922—S JUDAH 82-6 W 46th
Ave being Lot 38 Blk 1807. Theresa
Williams to Geo M Merritt.
.....Dec. 9, 1922

Dec. 14, 1922—E CASTRO 195 N 18th
N 25x E 125. Markus Schlegel to
L M Weismann.Dec. 14, 1922

Dec. 14, 1922—E TWENTY-FOURTH
Ave 235 S Cabrillo. H S Meinber-
ger and A H Behm to whom it may
concern.Dec. 12, 1922

Dec. 14, 1922—W MISSION 135 S 18th
S 25xW 160. Lewis B and Hannah.
Davis to Thomas Mulcahy and
James Jensen.Dec. 13, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Dec. 8, 1922—LOT 25 BLK 3087 Adj.
NE Joost Ave and Genessee. F H
Ziegler vs Pearl A Ruane, H I
Walkup, Jean De Grieyer and Jos
S Frattessa.\$185
Dec. 8, 1922—SE MARKET 150 SW
Seventh SW 75xSE 165. D Zelins-
sky & Sons vs Dan Markowitz,
Western Theatre Co, Felton Co and
Louis R Lurie.\$1100
Dec. 8, 1922—N PINE 72-9 E Jones
E 60-1 1/2 N 137-6 W 30-4 1/2 S 55 W
29-9 S 82-6. A P Konkel and S I
Volz vs E Blankenbach and W L
Williamson.\$185
Dec. 9, 1922—E MISSION 40 S 22nd
S 35xW 122-6. F F Budinsky vs
H Sahlein.\$1150
Dec. 11, 1922—E PROSPER 91-6 N
17th N 25x E 80. J W Gillogley vs
Robert B & Gertrude Phillips. \$1834
Dec. 11, 1922—E HOWARD 215 S
Twenty-second S 45x E 104-6.
Harry C Pinkerton Jr vs R E K
and Josephine MacMillen.\$440.07
Dec. 12, 1922—NE ALLSTON 125 SE
Cross St S2 50xNE 120 S Mariani
& Sons vs Frank Shephard and Jas
Tarbitt.\$21.35
Dec. 14, 1922—E TWENTY-EIGHTH
Ave 280 S Geary S 30x E 60. Burke
& Rolf vs Anna and L Schumann
.....\$1023.32

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Dec. 8, 1922—NE JACKSON AND
Leavenworth N 25x E 70. Arthur S
Blake to Lillian T Blake.
Dec. 8, 1922—SW THIRD AND
Irving 25x95. Garrett M Goldberg
& Co and D and H M Leonhardt to
W W Haley and E A Lawcock.
Dec. 11, 1922—E TENTH AVE 270 N
Fulton N 25x E 120. Carl Stendell
Cole Gas Heating Co, Scott Co and
R H Krenz to Percy W Gates.

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Dec. 9, 1922—SE MASON AND DAW-
son E 68-9xS 20. David Sallhead
to improvements on property.
Dec. 12, 1922—S MARKET & THIRD
SW 75xSE 70. City Investment Co
to improvements on property.

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the
contracts for this issue:
No. Owner Contractor Amt.
6277 Davis Owner 30000
6278 Lazerly Kepple 3750
6279 Hollidge Owner 25000
6280 Bacharach Lochhead 8500
6281 Watters Dolan 5000
6282 Sparber Morris 5100
6283 Clark Westlund 18000
6284 Church Wilson 5100
6285 Eliassen Owner 16500
6286 McElhinney Beach 3500
6287 Sommerstrom Owner 5500
6288 McCarthy Owner 8000
6289 Fredericks Owner 5400
6290 Martin Belcher 7000
6291 P G & E Co Mode 48500
6292 Same Western 1300
6293 Garcia Pfarrang 4000
6294 Erhart Wielen 15500
6295 Williams Doyle 2000
6296 Jacobs Berkeley 5000
6297 Berkeley Owner 3000
6298 Cavigera Vaughn 4950
6299 P G & E Western 1100
6300 Ernst Owner 4000
6301 Bryant Mattison 2600
6302 Rogue Silva 3000
6303 Baker Owner 5250
6304 Same Same 5250
6305 Flashman Lucas 6000
6306 Clendenin Davis 3000
6307 Anderson Waddell 2800
6308 Perera Dutra 3500
6309 Ghirardelli Stoltz 5500
6310 Siegest Brazier 3500
6311 Schluf Johnson 5500
6312 Pingree Owner 3000
6313 White Oakland 2500
6314 Gillespie Vaughn 5250
6315 Netherly Brown 2000
6316 Williams Owner 2000
6317 Griffith Owner 2500
6318 White Oakland 2500
6319 Stahl Owner 4500
6320 Broadway Knowles 30000
6321 Boroles Morgenson 5000
6322 Zook Owner 3000
6323 Fredericksen Owner 4000
6324 Nesbit Yerrick 1400
6325 Fish Van Ness 3185
6326 Frisbie Bayliss 1800
6327 1st N'dl Bank Cotterill 1400
6328 Norris Owner 4000
6329 Kahn MacDonald 25000
6330 Pfarrang Owner 4000
6331 Derby Harmon 1000
6332 King Kennedy 4000
6333 Andrews Owner 4500
6334 Hahn Rose 5500
6335 Triebel Grodem 5803
6336 Bennett Williams 4550

APARTMENTS

6274 NO. 1770 ARCH ST., Berkeley.
Two-story 26-room apartments.
Owner—J. O. Davis.
Architect—W. H. Hatchett Jr., 1st Na-
tional Bank Bldg., Berkeley.
\$30,000

DWELLING

6275 W SIXTY-FIRST 40 S Scenic
Way, Oakland, 1-story 5-room dwlg
Owner—E B. Lazerly, 2733 61st Ave.,
Oakland.
Architect—None.
Contractor—W. S. Kepple, 2619 62nd
Avenue, Oakland.
\$3750

DWELLINGS

62791 5315-21-27-33-39 THOMAS ST.,
Oakland, 11-story 7-room dwlg.
Owner—Geo. H. Hollidge, 5926 Toft Ave
Oakland.
Architect—None.
\$5000 each.

APARTMENTS

62890 NO. 1701 HARRISON ST. be-
ing Ptn Lots 5 and 6 Blk "W" Map
Oakland Heights, Oakland. All
work for three-story 36-room
apartments.

Owner—P. Bacharach and B. Feigen-
berg, 522 7th St., Oakland.
Architect—None.

Contractor—A. Lochhead, 111 8th St.,
Oakland.

Filed Dec. 8, '22. Dated Dec. 7, '22.

Enclosed 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days. 1/4
TOTAL COST, \$8500

Bond, \$5000. Sureties, Frank Stribley
and V. Baker. Limit, 120 days after
Dec. 11. Forfeit, \$10. Plans and
specifications filed.

DWELLING

62831 NO. 109 DALE AVE., Piedmont.
One-story 6-room dwelling and
garage.
Owner—Bertha E. Watters, 684 Lerida
Ave., Oakland.
Contractor—Lee J. Dolan, Syndicate
Bldg., Oakland.
\$5000

DWELLING

62823 NO. 1331 GRAND AVE., Pied-
mont. One-story 6-room dwelling.
Owner—L. H. Sparber, 529 37th St.,
Oakland.
Architect—None.
Contractor—S. Morris, 1424 Jefferson
St., Oakland.
\$5100

RESIDENCE

62823 NO. 115 GUILFORD ROAD,
Piedmont. Two-story ten-room
residence and garage.
Owner—Arthur Clark.
Architect—None.
Contractor—Fred J. Westlund, 351 12th
St., Oakland.
\$18,000

RESIDENCE

62824 NO. 65 HARVARD ROAD,
Piedmont. One and one-half-story
7-room residence.
Owner—R. W. Church, 518 16th St.,
Oakland.
Architect—None.
Contractor—L. R. Wilson, 2216 Blake
St., Berkeley.
\$5100

DWELLINGS

62825 NO. 521, 525 and 529 MORAGA
Road, Piedmont. Three one and
one-half-story 7-room dwellings.
Owner—Geo. W. Eliassen, 612 Valle
Vista Ave., Oakland.
Architect—None.
\$5500 each

DWELLING

62826 NO. 120 MORAGA ROAD, Pied-
mont. One-story 5-room dwelling
and garage.
Owner—C. M. McElhinney, 43 Monte-
cello Ave., Piedmont.
Architect—None.
Contractor—Beach & Noble, 351 12th
St., Oakland.
\$3500

RESIDENCE
(5287) COR. OAKLAND & EL CERRITO AVES., Piedmont. One-story six-room residence and garage.
Owner—Delma A. Sommerstrom.
Architect—None. \$5500

RESIDENCE
(5288) NO. 15 SHARON AVE., Piedmont. Two-story 9-room residence and garage.
Owner—Alan M. McCarthy.
Architect—None. \$8000

RESIDENCE
(5289) NO. 214 SAN CARLOS AVE., Piedmont. One-story 6-room residence and garage.
Owner—H. B. Fredricks, 231 E-16th St., Oakland.
Architect—None. \$5400

DWELLING
(5290) NO. 110 YORK DRIVE, Piedmont. One-story 6-room dwelling.
Owner—J. W. Martin.
Architect—None.
Contractor—R. T. Belcher, 105 York Drive, Oakland. \$7000

BOILERS
(5291) E MARKET bet. First and Water, Oakland. Boilers.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—C. C. Mode Co. \$48,900

ADDITION
(5292) E MARKET bet. First and Water Sts., Oakland. Addition.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—Western Iron Works, 141 Beale St., San Francisco. \$1300

DWELLING
(5293) LOT 24 BLK 18 Map Northbrae, Berkeley. All work for one-story dwelling.
Owner—Ella Garcia, Calvin L. and Sophie L. Ely, Oakland.

Architect—None.
Contractor—H. C. Pfrang, 480 Forrest St., Oakland.
Filed Dec. 9, '22. Dated Nov. 14, '22.
Frame up ¼
Plastered ¼
Completed ¼
Usual 35 days ¼
TOTAL COST, \$4000
Bond, none. Limit, 120 days. Forfeit, \$5. Plans and specifications, none.

APARTMENTS
(5294) NE FRUITVALE AVE AND E-Sixteenth, Oakland. All work except wall beds, light fixtures, wall paper and finish hardware for two-story apartments.
Owner—Mrs. August Erhart.
Architect—Martin J. Rist.
Contractor—Alex C. Wieben, 839 Rosemont Road, Oakland.

Filed Dec. 9, '22. Dated Dec. 1, '22.
Frame up ¼
Brow coated ¼
Completed and accepted ¼
Usual 35 days ¼
TOTAL COST, \$15,500
Bond, \$7750. Sureties, Katharine G. Scott and Chris A. Wieben. Limit, 100 days. Forfeit, none. Plans and specifications filed.

FLATS
(5295) NO. 1271-73-75-77 GROVE ST., Berkeley. Two-story (4) flats.
Owner—E. H. Williams, 2014 Central Ave., Alameda.
Architect—None.
Contractor—C. A. Doyle, P. O. Box No. 84, Berkeley. \$20,000

DWELLING
(5296) NO. 180 MARIN, Berkeley. One story dwelling.
Owner—Henry Jacobs.

Architect—None.
Contractor—Berkeley Bldg. Co., Solano and Colusa, Berkeley. \$5000

DWELLING
(5297) NO. 913 TULARE, Berkeley. One-story 5-room dwelling.
Owner—Berkeley Building Co., Solano and Colusa Sts., Berkeley.
Architect—None. \$3000

DWELLING
(5298) W MILES AVE 150 N Clifton, Oakland. One-story 6-room dwelling
Owner—Mary Cavieria, — Miles Ave., Oakland.
Architect—None.
Contractor—W. T. Vaughn, 4190 Opal St., Oakland. \$4950

ADDITION
(5299) E MARKET bet. First and Water Sts., Oakland. Addition.
Owner—Pacific Gas & Electric Co.
Architect—None.
Contractor—Western Iron Works. \$1100

DWELLING
(5300) W PLEASANT VALLEY COURT 200 N Pleasant Valley Ave., Oakland. One-story 5-room dwelling and garage.
Owner—George Ernst, 4351 Howe St., Oakland.
Architect—None.

DWELLING
(5301) S SCENIC AVE 120 W Laguna, Oakland. One-story 4-room dwelling.
Owner—Catherine Bryant, 3629 Laguna St., Oakland.
Architect—None.
Contractor—E. T. Mattison, 3629 Laguna St., Oakland. \$2600

DWELLING
(5302) NO. 1509 E-THIRTY-FOURTH St., Oakland. One-story 5-room dwelling.
Owner—Frank Rogue, 1362 E-34th St., Oakland.
Architect—None.
Contractor—J. Silva, 1377 Hopkins St., Oakland. \$5000

RESIDENCE
(5303) NO. 105 NOVA DRIVE, Piedmont. One-story 6-room residence and garage.
Owner—W. J. Baker, 2255 Ransome St., Oakland.
Architect—None. \$5250

RESIDENCE
(5304) NO. 107 NOVA DRIVE, Piedmont. One-story 6-room residence and garage.
Owner—W. J. Baker, 2255 Ransome St., Oakland.
Architect—None. \$5250

DWELLING
(5305) NO. 130 NOVA DRIVE, Piedmont. One-story 6-room dwelling and garage.
Owner—F. C. Flashman, 4140 Gilbert St., Oakland.
Architect—None.
Contractor—L. L. Lucas, 555 59th St., Piedmont. \$6000

DWELLING
(5306) NO. 451 PALA AVE., Piedmont. One-story 5-room dwelling.
Owner—W. J. H. Clendenin, 475 Alcatraz Ave., Oakland.
Architect—None.
Contractor—F. J. Davis, 134 Sunnyside Ave., Piedmont. \$3000

DWELLING
(5307) NO. 1350 CURTIS, Berkeley. One-story 5-room dwelling.
Owner—Carry Anderson.
Architect—None.
Contractor—R. P. Waddell, 313 Newton Ave., Oakland. \$2800

DWELLING
(5308) NO. 1409 ALCATRAZ AVE., Berkeley. One-story 6-room dwlg.
Owner—Manuel Perera, 1871 Goss St., Berkeley.

Architect—None.
Contractor—A. V. Dutra, 962 55th St., Oakland. \$3500

(5309) NO. 500 HADDON ROAD, Oakland. One-story 5-room dwelling.
Owner—W. Ghirardelli, 108 First Ave., Oakland.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna St., Oakland. \$5500

DWELLING
(5310) NO. 5163 MILES AVE., Oakland. One-story 5-room dwelling.
Owner—L. Siegrist, Cor. Miles and Cavour Sts., Oakland.
Architect—None.
Contractor—Jas. W. Brazier, 1912 Blake St., Berkeley. \$3800

ALTERATIONS
(5311) NO. 5675 MILES AVE., Oakland. Alterations and additions.
Owner—Mrs. Lena Schluf, 1550 Lake St., San Francisco.
Architect—None.
Contractor—A. R. Johnson, 1518 4th Ave., Oakland. \$5500

DWELLING
(5312) NO. 1036 106TH AVE., Oakland. One-story 5-room dwelling.
Owner—Geo. H. Pingree, 646 E-16th St., Oakland.
Architect—None. \$3000

DWELLING
(5313) NO. 3511 PENNIMAN AVE., Oakland. One-story 4-room dwlg.
Owner—E. K. White, 562 27th St., Okd.
Architect—None.
Contractor—Oakland Home Builders Co., 1704 San Pablo Ave., Oakland. \$2500

DWELLING
(5314) W PARK BLVD 380 S Brigh-ton, Oakland. One-story 6-room dwelling.
Owner—P. F. Gillespie.
Architect—None.
Contractor—W. T. Vaughn, 4190 Opal St., Oakland. \$5250

DWELLING
(5315) NO. 3405 SHEFFIELD, Oakland. One-story 4-room dwelling.
Owner—Netherly & Brown, 3841 Fruitvale Ave., Oakland.
Architect—None.
Contractor—C. H. Brown, 3841 Fruitvale Ave., Oakland. \$2000

DWELLING
(5316) NO. 6908 SPENCER ST., Oakland. One-story 4-room dwelling.
Owner—Geo. A. Williams, 3820 Park Blvd., Oakland.
Architect—None. \$2000

DWELLING
(5317) NO. 1034 SIXTY-FIRST AVE., Oakland. One-story 5-room dwlg.
Owner—C. W. Griffith, 1323 96th Ave., Oakland.
Architect—None. \$2500

DWELLING
(5318) NO. 2936 THIRTY-FIFTH AVE., Oakland. One-story 4-room dwlg.
Owner—E. K. White, 562 27th St., Okd.
Architect—None.
Contractor—Oakland Home Builders Co., 1704 San Pablo Ave., Oakland. \$2500

DWELLING
(5319) NO. 1333 WELLINGTON AVE., Oakland. One-story 6-room dwlg.
Owner—Stahl Bros., 503 Central Bank Bldg., Oakland.
Architect—None. \$4500

STORE BLDG.

(5320) NE BROADWAY & FIFTEENTH
Oakland. Three-story concrete
store building.

Owner—Broadway Realty Co., 120 15th
St., Oakland.

Architect—Wm. Knowles, Central Bk.
Bldg., Oakland.

Contractor—Wm. Knowles, Central Bk.
Bldg., Oakland. \$300,000

DWELLING

(5321) NO. 5941 CHABOT ROAD, Oak-
land. One-story 5-room dwelling.

Owner—A. G. Doroles, 5659 Keith Ave.,
Oakland.

Architect—None.

Contractor—Morgensen Bros., 5664
Broadway, Oakland. \$5000

DWELLING

(5322) E DIVISION 295 S Hampel,
Oakland. One-story 5-room dwlg.

Owner—J. H. Zook, 4105 Montgomery
St., Oakland.

Architect—None. \$3000

DWELLING

(5323) NO. 1151 GLENDORA, Oak-
land. One-story 6-room dwelling

Owner—Karl S. Fredericksen, 542
Montclair Ave., Oakland.

Architect—None. \$4000

ALTERATIONS

(5324) NO. 5404 LAWTON AVENUE,
Oakland. Alterations.

Owner—C. W. Nesbit, 2130 High St.,
Oakland.

Architect—None.

Contractor—A. J. Yerrick, 5255 College
Ave., Oakland. \$1400

DWELLING

(5325) NO. 3669 MIDVALE AVE., Oak-
land. One-story 5-room dwelling.

Owner—M. Fish.
Architect—None.

Contractor—L. E. Van Ness, Box 432A,
R. F. D. No. 1, Oakland. \$3188

ALTERATIONS

(5326) NO. 776 SIXTEENTH ST., Oak-
land. Alterations.

Owner—Mrs. G. M. Frisbie, Premises,
Architect—None.

Contractor—Bayliss & Sheridan, 351
15th St., Oakland. \$1890

CEMENT FLOOR

(5327) FOURTEENTH AND SAN
Pablo Ave., Oakland. Cement
floor.

Owner—First National Bank.
Architect—None.

Contractor—Geo. W. Cotterill, 5354
Lawton Ave., Oakland. \$1400

DWELLING

(5328) NO. 3466 WOODRUFF AVE.,
Oakland. One-story 5-room dwlg.

Owner—Ralph E. Norris, 839 Vermont
St., Oakland.

Architect—None. \$4000

STORES

(5329) E TELEGRAPH 225 N 19th
St., Oakland. One-story concrete
stores.

Owner—Emile E. Kahn, 315 Montgom-
ery St., San Francisco.

Architect—S. Helman, 57 Post St., San
Francisco.

Contractor—MacDonald & Kahn, Taf-
scott Bldg., Oakland. \$25,000

DWELLING

(5330) E AYALA 40 S Forest St. Oak-
land. 1-story 5-room dwelling.

Owner—L. G. Pfirang, 5467 Locksley
Ave., Oakland.

Architect—None. \$4000

FIRE REPAIRS

(5331) 3069 E-FOURTEENTH ST.,
Oakland. Fire repairs.

Owner—Derby Estate Co., Mills Bldg.,
San Francisco.

Architect—None.

Contractor—A. K. Harmon, Jr., 1100
Hollywood Ave., Oakland. \$1000

ALTERATIONS

(5332) S E-FIFTEENTH ST. 300 W
23rd Ave., Oakland. Alterations.

Owner—Allen King, 1620 7th St., Okd
Architect—None.

Contractor—F. T. Kennedy, 434 9th St.,
Oakland. \$4000

DWELLING

(5333) N E COR PERKINS & VER-
mont Sts., Oakland. 1-story 5-room
dwelling.

Owner—T. A. Andrews, Federal Bldg.,
Oakland.

Architect—None. \$4500

DWELLING

(5334) 651 SANTA RAY, Oakland. 1-
story 5-room dwelling.

Owner—H. V. Hahn, 2308 Webster St.,
Oakland.

Architect—None.

Contractor—Mervin P. Rose, 940 Ox-
ford St., Berkeley. \$5500

DWELLING

(5335) NE SANTA CLARA AVE 170
NW Mound NW 40XNE 105, Ala-
mada. All work for one-story
frame dwelling.

Owner—Augusta Triebel.
Architect—None.

Contractor—Julius J. and Karem Gro-
dem, 2901 Santa Clara Ave., Ala.
Filed Dec. 14, '22. Dated Dec. 7, '22.

Execution of contract \$ 200
Frame up 1300
Completed and accepted 500
Usual 45 days 1203
Deed of trust for 2500
TOTAL COST, \$5803

Bond, none. Limit, 90 days. Forfeit,
none. Specifications only filed.

DWELLING

(5336) LOT 11 BLK 4 MAP BERKE-
ley Heights, Berkeley. 2-story and
basement frame dwelling.

Owner—Howard E. Bennett, Oakland.
Architect—None.

Contractor—Chas. C. Williams, 1524
Franklin St., Oakland.

Filed Dec. 13, 1922. Dated June 14, 1922.
Owner pays all bills.

TOTAL COST, \$4550
Bond, none; Sureties, none; Forfeit,
\$2 day; Limit, 60 days; Plans specifica-
tions, none.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Dec. 8, 1922—NO. 3246 GROVE ST.,
Oakland. Alice V Koppel to Oliver
LegaultDec. 1, 1922

Dec. 8, 1922—LOT 11 BLK "B" Tri-
angle Park Tract, Berkeley. Roy
O Long to whom it may concern
.....Nov. 17, 1922

Dec. 8, 1922—LOT 12 BLK "B" Tri-
angle Park Tract, Berkeley. Roy
O Long to whom it may concern.
.....Dec. 5, 1922

Dec. 8, 1922—LOT 14 BLK "B" Tri-
angle Park Tract, Berkeley. Roy
O Long to whom it may concern.
.....Dec. 5, 1922

Dec. 8, 1922—SE EDGEWOOD AVE
83.85 SW El Centro Ave SW 40XSE
110, Oakland; J E Sprague to
whom it may concern.....Dec. 7, 1922

Dec. 8, 1922—LOT 11 BLK 13 Map
Eastlawn Tet, Oakland. C M Gass
to whom it may concern.....
.....Nov. 30, 1922

Dec. 8, 1922—LOT 4 BLK 78 Rueff
Tract, Oakland. Isaac L Kendig to
F C StolteDec. 5, 1922

Dec. 8, 1922—LOT 8 BLK 294 Ardley
Heights, Oakland. Cora B Sanford
to whom it may concern.....Dec. 7, 1922

Dec. 9, 1922—LOT 21 BLK "D" Oak-
land Highlands. C J Rheberg to
whom it may concern.....Dec. 9, 1922

Dec. 9, 1922—E MARKET 281 S First
SE 200 SE 400 NW 200 NW 400,
Oakland. Pacific Gas & Electric
Co to Steel Tank & Pipe Co of
California.....Nov. 29, 1922

Dec. 9, 1922—E MARKET 281 S First
SE 200 SE 400 NW 200 NW 400,
Oakland. Pacific Gas & Electric Co
Steel Tank & Pipe Co of Cali-
forniaDec. 9, 1922

Dec. 9, 1922—NE "A" AND CASTRO,
Hayward. Associated Oil Co to
Gonsalves & Willison.....Dec. 2, 1922

Dec. 9, 1922—LOT 25 BLK "A"
Woolsey Tract, Berkeley. Charles
Freestrom to H Carlson.....Dec. 9, 1922

Dec. 9, 1922—LOT 11 BLK "B" Elm-
wood Park Tract, Berkeley. John
Oliver to Harry Ahnfeldt.....Dec. 1, 1922

Dec. 9, 1922—W 47 LOT 20 and E 3
Lot Reshdn Blk "U" Vernon Park
Oakland. Mary A Pillot to Brasch
& McCorkle.....Dec. 1, 1922

Dec. 11, 1922—S 35 LOT 1 BLK 1,
John Kearney Tract, Berkeley.
Austin Sperry to Walter Sorenson
.....Dec. 2, 1922

Dec. 11, 1922—LOT 40 AND NE 1/2
Lot 41 Blk 1 Map Solano Avenue
Terrace, Douglas Campbell
to whom it may concern.....Dec. 9, 1922

Dec. 11, 1922—E JACKSON 315 N
Lake th to Shore line Lake Mer-
ritt NW to Jackson to pt of heg.
Oakland. Arthur Alexander to
California Builders Co.....Dec. 9, 1922

Dec. 11, 1922—N ALLEN 230.01 W
Genoa W 40XN 105, Oakland.
Louise J Kchoe to Reed & Isbell
.....Dec. 8, 1922

Dec. 12, 1922—NO. 3539 KINGSLEY,
Oakland. E W and Francis M
Eckhardt to whom it may con-
cern.....Dec. 11, 1922

Dec. 12, 1922—U. C. GROUNDS, Ber-
keley. Regents of U. C. to Carlin
Grading Co.....Dec. 6, 1922

Dec. 12, 1922—LOT 20 BLK 5 Station
Tract, Berkeley. Chas J Richter
to James Moyle Jr.....Nov. 2, 1922

Dec. 12, 1922—LOT 20 BLK 4, San
Pablo Park, Berkeley. Gee Noon
to Roy O Long Co.....Dec. 9, 1922

Dec. 12, 1922—E CALIFORNIA 90 N
Berkeley Way 35x112.50, Berkeley.
P E Marquis to whom it may con-
cern.....Dec. 11, 1922

Dec. 12, 1922—LOT 47 Sheet 2, Nova
Piedmont, Piedmont. W J Baker
to whom it may concern.....Dec. 12, 1922

Dec. 13, 1922—LOT 1 BLK "H" Map
Fourth Avenue Terrace, Oakland.
Albert A Bednarz to Jensen &
Pedersen.....Dec. 5, 1922

Dec. 13, 1922—S 40 LOT 4 BLK 20,
Map Property Berkeley Villa Ass'n,
Berkeley. Mary E Van Kirk to G
N Nickell.....Dec. 7, 1922

Dec. 14, 1922—LOT 5 BLK "H" Map
Excelsior Heights, Oakland. Chas
E Bardwell Jr. to whom it may
concern.....Dec. 14, 1922

Dec. 14, 1922—W TERRY AVE 150
N Dartmouth N 75XW 100, Albany.
Cora M Smith to Lew Smith.....
.....Dec. 12, 1922

Dec. 14, 1922—SW FIFTY-SEVENTH
and Los Angeles, 40x100, Oakland.
James Coffey to Frank Johnson.....
.....Dec. 8, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Dec. 8, 1922—SW PORTER 110 SW
Thirty-fifth Ave SE 40 xSW 191.52,
Oakland. Geo M Mott and Robt R
Smith (Contra Costa Bldg Ma-
terials Co.) vs W L Howell and
Peter Bonicelli.....\$238.75

Dec. 9, 1922—B THIRTY-THIRD AV
205 N Farnam, Oakland. H Aron-
sen vs J Donovan & R Norling.....\$200

Dec. 9, 1922—LOT 4 and SE 5 Lot 3
Blk "R" Central Piedmont Tract
No. 4, Piedmont. Rhodes-Jameson
Co vs Geo W Eliassen.....\$82.90

Dec. 11, 1922—NW 104TH AVE 100 SW E-14th SW 215xNW 100, Oakland. Cain Electric Co vs Mrs N Catchings\$150
 Dec. 11, 1922—SE NINTH AND VIRGINIA S 196.2 to pt beg E 130 S 50 W 130 N 50, Berkeley. W L Geraty vs A Nigro and C C Williams.....\$137.50
 Dec. 11, 1922—NW SUNDYSIDE DR 963 NE E-Fourteenth NE 67.34 NW 181.93 SW 68.70 SE 181.59, San Leandro. W H Little vs Mrs. Emma E Starr and Darling & Harding & Co\$425
 Dec. 3, 1922—LOTS 10 & 11 BLOCK 3 Sierra Vista Addn. J. A. Schlotthauer to whom it may concern.....Dec. 6, 1922
 Dec. 12, 1922—NW 105TH AVE. and NE Pontiac St. NW 240 from pt beg NW 200xNE 100, Oakland. A Damgard vs Mannie Catchings and Frank Johnson\$240
 Dec. 14, 1922—NE 40 LOT 4 and SE 15 Lot 5 Blk 20, Map Boulevard Park, Oakland. H Arosen vs W L Howell, Lottie and J W Winther\$200

Notice of Non-Responsibility

ALAMEDA COUNTY

Dec. 13, 1922—SW 10 LOT 20, All Lots 21 and 22 Blk 5, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property
 Dec. 13, 1922—LOT 17 and SW 12½ Lot 16 Blk 14, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property

BUILDING CONTRACTS

FRESNO COUNTY.

\$5000 and Over Reported

APARTMENTS
 LOTS 28 AND 29 BLK 170, Fresno. All work for one-story (2) apartment building.
 Owner—Miss L. Connolly, 2322 Tuolumne St., Fresno.
 Architect—None.
 Contractor—C. P. Keesling, 3414 Lowe St., Fresno.
 Filed Dec. 9, '22. Dated Dec. 7, '22.
 Roughed in and roof on\$1250
 Plastered 1250
 Completed 1250
 Usual 35 days 1250
TOTAL COST, \$5000
 Bond, \$5000. Surety, Indemnity Ins. Co. of N. A. Limit, 60 working days. Forfeit, \$5 per day. Plans and specifications filed.

ALTERATIONS
KINGSBURG. All work for remodeling passenger station.
 Owner—Southern Pacific Co., Prem.
 Architect—None.
 Contractor—C. H. Hansen, Fresno.
 Filed Dec. 12, '22. Dated Nov. 25, '22.
 As work progressed 76%
 Usual 35 days 26%
TOTAL COST, \$12,143
 Bond, \$9110. Surety, Globe Indemnity Co. Limit, 80 days. Forfeit, none. Plans and specifications filed.

DWELLING, \$6500; No. 3512 Balch St., Fresno. Owner, Harry Moore, 862 Van Ness Ave., Fresno; contractor, C. M. Hall, 1475 Wilson Ave., Fresno.
TEMPORARY building, \$7000; No. 2530 Divisadero St., Fresno; owner, A. G. Frisbie, Mason Bldg., Fresno; contractor, Jim Drake, 1619 Patterson St., Fresno.

STORES, \$32,000; No. 1306 Van Ness Ave., Fresno; owner, Emil Kehring; contractor, Robert H. Shields, Rowell Bldg., Fresno.

APARTMENT house, \$7000; No. 1302 Linden St., Fresno; owner, E. J. Farr, 245 Forthcamp Ave., Fresno
TWO apartment houses, \$18,000 each; No. 805 and 835 Weldon Ave., Fresno; owner, L. E. Smith, 2934 Madison St., Fresno; contractor, Roy Martin, Fresno.
DWELLING, \$16,700; No. 541 Terrace Ave., Fresno; owner, M. Brophy, 1415 N St., Fresno; contractor, Shorb & Needs, 627 McKinley Ave., Fresno.
DWELLING, \$5000; 848 S St., Fresno; owner, Mrs. L. Connolly, Fresno; contractor, C. P. Keesling, 3414 Lowe St., Fresno.
PLATS, \$8500; No. 1382-88 Linden St., Fresno; owner, R. C. Kennedy, Mason Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
 Dec. 4, 1922—LOTS 18 AND 19 BLK 6; Lots 42 and 43 Blk 10, Sierra Vista Addition, Fresno. J L Hagan to whom it may concern.....Nov. 24, '22
 Dec. 4, 1922—LOT 5 BLK 10, Wilson North Fresno Tract, Fresno. L E Smith to whom it may concern.....Dec. 4, 1922
 Dec. 5, 1922—LOT 7 AND 8 BLK 64 K. B. Heights, Fresno. Annette Grossman to whom it may concernNov. 27, 1922
 Dec. 6, 1922—PARLIER UNION High School District, Fresno. Parlier Union High School District to whom it may concern.....Nov. 29, 1922
 Dec. 7, 1922—LOTS 8 AND 9 BLK 2, Vernon Park, Fresno. Roy Broadlick to whom it may concern.....Dec. 7, 1922
 Dec. 7, 1922—LOTS 66 AND 67 BLK 10 Roeding Addition, Fresno. J W Paesket to whom it may concernDec. 5, 1922
 Dec. 12, 1922—LOT 10 BLK 14, Wilson N-Fresno Trct. Ernest J Kump Co. for Benj Levy to whom it may concern.....Dec. 11, 1922
 Dec. 12, 1922—LOTS 3 AND 4 N 2 ft. Lot 5 Blk 1, Fresno Home and School Tract, Fresno. R N McIntosh to whom it may concern.....Dec. 8, 1922
 Dec. 12, 1922—LOTS 8 AND 9 BLK 2, Sierra Vista Addition, Fresno. Lora A Hopper to whom it may concernDec. 12, 1922
 Dec. 13, 1922—W 50 FT. LOT 12, Olive Heights, Fresno. Carl Gustafson to whom it may concern.....Dec. 3, 1922
 Dec. 13, 1922—LOTS 3 AND 4 BLK 60, East Fresno. J E Cregor to whom it may concern.....Dec. 12, 1922

LIENS FILED

FRESNO COUNTY

Recorded Amount
 Dec. 7, 1922—LOTS 46, 47 AND 48, California Poultry Farm, Fresno. Evans Plumbing & Heating Co vs Raymond Lewis\$147
 Dec. 8, 1922—LOTS 7, 8, 9, BLOCK 1 Penway Tract. Hollenbeck-Buch Planing Mill vs Fred Jones\$466
 Dec. 9, 1922—W 50 FEET BLK 9 Hazelwood Addition, Fresno. L. Rosenberg vs J W Evans\$100
 Dec. 9, 1922—LOTS 27 AND 28 BLK 9, New High School Addn, Fresno. L. Rosenberg vs G W Golden\$320
 Dec. 9, 1922—LOTS 31 AND 32 BLK 9 High Addition, Fresno. Maisler Bros, \$1613; T O Paint Store, \$228 vs J A Schlotthauer
 Dec. 12, 1922—LOTS 27 AND 28, Malaga. L Rosenberg vs G J A and A Rios\$167

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE

BLK 1 PART LOT 16, Burlingame Park No. 2, Burlingame. All work for two-story frame residence.
 Owner—Hugh P. and Florence B. Treat
 Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
 Contractor—Oscar Cavanagh, 1021 Park St., San Mateo.
 Filed Dec. 6, '22. Dated Dec. 5, '22.
 Roofed 26%
 Plastered 25%
 Completed 25%
 Usual 35 days 26%
TOTAL COST, \$11,000
 Bond, none. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

RESIDENCE & FUNERAL PARLORS
 SO. SAN FRANCISCO, W ½ Lot 6 blk. 125 So. San Francisco, Cal.
 All work for 2-story concrete residence and funeral parlors.
 Owner—S. Neiert, 306 Linden St. South San Francisco.
 Architect—None.
 Contractor—M. E. Greene, 180 Jessie St. San Francisco.
 Filed Dec. 8, 1922. Dated Dec. 27, 1922.
 Conc. to second floor\$2244
 Brown Coated 2244
 Plastered 2244
 Completed and accepted 2244
 Usual 35 days 2897
TOTAL COST, \$11,973
 Bond, \$6000; Sureties, American Cas. Co., Baltimore; Forfeit \$50; Limit, 90 working days; Plans and specifications filed.

RESIDENCE

BURLINGAME, Cal., Lot 11 Block, 25 Eastern Add. No. 2
 All work for 1-story residence and gar.
 Owner—E. Homberger.
 Architect—None.
 Contractor—Mattcock & Feasey, 251 Kearny St., S. F.
 Filed Dec. 8, 1922. Dated Nov. 17, 1922.
 Framed\$1456.25
 Brown Coated 1456.25
 Completed and accepted 1456.25
 Usual 35 days 1456.25
TOTAL COST, \$5825
 Bond, none; Sureties, none; Forfeit, none; Limit, 90 wk days; Plans and specifications filed.

RESIDENCE

SAN MATEO, Lot 23 Blk R Sub. No. 3 and Resub of G. Hayward Park.
 All work for frame residence 1-story.
 Owner—B. Schapiro.
 Architect—None.
 Contracto — Mattcock & Feasey, 251 Kearny St., San Francisco.
 Filed Dec. 8, 1922. Dated Nov. 22, 1922.
 Rafters up\$876
 Brown coated 876
 Completed and accepted 876
 Usual 35 days 875
TOTAL COST, \$3500
 Bond, none; Sureties, none; Forfeit, none; Limit 100 wk days; Plans and specifications filed.

SCHOOL

W STATE HIGHWAY bet. James, Elwood, Brewster Sts. and Broadway, Redwood City Two-story reinforced concrete high school building.
 Owner—Sequoia Union High School District.
 Architect—Werner & Coffey, Humboldt Bank Bldg., San Francisco.
 Contractor—Robert Trost, 26th and Howard Sts., San Francisco.
 Filed Dec. 11, '22. Dated Nov. 28, '22.

On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$210,704
Bond, \$105,325. Surety, Fidelity & Deposit Co. Limit, 225 working days. Forfeit, \$25. Plans and specifications filed.

HEATING, ETC., ON ABOVE.
Contractor—J. F. McGowan Co., San Mateo.
Filed Dec. 11, '22. Dated Nov. 28, '22
Payments same as above.....
TOTAL COST, \$33,397
Bond, \$16,998.50. Surety, —, Limit, 120 days. Forfeit, \$25. Plans and specifications filed.

ELECTRICAL WORK ON ABOVE.
Contractor—M. E. Ryan, Redwood City
Filed Dec. 11, '22. Dated Nov. 28, '22
Payments same as above.....
TOTAL COST, \$15,330
Bond, \$7,665. Surety, —, Limit, 150 days. Forfeit, \$25. Plans and specifications filed.

PAINTING ON ABOVE.
Contractor—D. Zelinsky & Son, 420 Turk St., San Francisco.
Filed Dec. 11, '22. Dated Nov. 28, '22
Payments same as above.....
TOTAL COST, \$10,700
Bond, \$5,350. Surety, —, Limit, 150 working days. Forfeit, \$—. Plans and specifications filed.

PLUMBING ON ABOVE.
Contractor—Christensen & Anderson, 167 Hamilton Ave., Palo Alto.
Filed Dec. 11, '22. Dated Nov. 28, '22
Payments same as above.....
TOTAL COST, \$36,186
Bond, \$18,093. Surety, —, Limit, 150 days. Forfeit, \$—. Plans and specifications filed.

PLASTERING ON ABOVE.
Contractor—Leonard Bosch, 429 Fulton St., San Francisco.
Filed Dec. 11, '22. Dated Nov. 28, '22
Payments same as above.....
TOTAL COST, \$42,320
Bond, \$21,160. Surety, —, Limit, 100 working days. Forfeit, \$—. Plans and specifications filed.

DWELLING, 1-story, \$3500; 15th Ave.
Heyward Park, San Mateo; owner, Chas. Fisher; contractor, M. Laurson Lawsen.

DWELLING, 1-story, \$5000; Lot 35 Blk K Heywood Park, San Mateo; owner, L. B. Enwood; architect and contractor, M. Jackson, San Mateo.
DWELLING, 1-story, \$5000; Lot 29 Blk J Heywood Park; owner, architect and contractor, M. Jackson, San Mateo.

DWELLING, 1-story, \$4700; Lot 8 Blk A, S. M. Heights, San Mateo; owner, Martin Mier, 1515 Cypress St., S. M.; contractor, C. Mevri.

COMPLETION NOTICES

SAN MATEO COUNTY.

Recorded Accepted
Dec. 6, 1922—LOT 28 BLK 117, South San Francisco. Daniel M. & Margaret Louis Brevetou to George Wagner Nov. 27, 1922
Dec. 6, 1922—LOT 12 BLK 103, South San Francisco. John and Nannie C Lassen to George Wagner.....
Dec. 6, 1922—LOT 24 BLK 101, South San Francisco. Stephen B Hughes to George Wagner.....Nov. 27, 1922
Dec. 6, 1922—LOT 31 BLK 9, Burlingame Addition No. 2. Burlingame, E. Oliver to Oscar Cavanaugh et alNov. 29, 1922
Dec. 6, 1922—W MAIN near Burlingame Ave., Burlingame. A S Daudistel to W C PalamounianDec. 4, 1922
Dec. 8, 1922—LOTS 4 & 5 BLK 37 Easton Add No. 2 Burlingame. Armando Pautaleoul to Frank Valentine.....Dec. 3, 1922

Dec. 8, 1922—PTN LOT 141 SUB 2 SAN Mateo Park, San Mateo. W H Watson et al to whom it may concernNov. 20, 1922
Dec. 8, 1922—LOTS E, G, H, I, J, & N 20 ft F Blk 1 Burlingame Terrace, Burlingame. Clarence S. Crasy to whom it may concern.....Dec. 5, 1922
Dec. 8, 1922—LOT 16 BLK 126½ SO. S. F. William J Martin et al to George WagnerDec. 3, 1922
Dec. 8, 1922—244 ELM ST, SAN MATEO. George Harding to Chas. Geo. AdamsDec. 7, 1922
Dec. 8, 1922—PTN LOTS 8, 9, & 10 Blk 67 Easton Add., Redwood City. Frank Bauchero to Harry C. GroqueDec. 8, 1922
Dec. 9, 1922—LOT "K" BLK 3, Burlingame Land Co., Burlingame. J C and Clara T Beard to C E FowlerDec. 1, 1922
Dec. 9, 1922—LOT 10 BLK 8, Burlingame. Walter Knickerbocker to whom it may concern.....Nov. 15, 1922
Dec. 11, 1922—LOTS 1 AND 9 BLK 3, Diller Addition, Redwood City. First Congregational Church of Redwood Co to Gus Waller.....
Dec. 12, 1922—PTN LOTS 3 AND 4 Blk "E" Part Lots 3 and 4 Blk "A"; Lot 5 and part Lot 4 Blk "E", Pecks Sub No. —, South San Francisco. South City Lumber Co to George Wagner.....Dec. 5, 1922
Dec. 12, 1922—LOT 7 BLK "A", Edgar Mills Tract, Menlo Park. M J McCarthy to Weeden Bros.....Nov. 10, 1922
Dec. 13, 1922—½ LOT 3 BLK 19, Town of San Carlos. C H Kain to whom it may concern.....Nov. 15, 1922

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Dec. 1, 1922—LOT 12 BLK 4 Sub of Blks 2, 3, 5, Concordia Land Co., Daly City. Spring Valley Lumber Co alias E D Connelly and H W Bade vs Frank Finetti and Adrian Levy\$115.38

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2,500 and Over Reported

OFFICE BLDG., one-story stucco, \$12,180; No. 1909 Second St., Sacramento; owner, Friend & Terry Lumber Co., 1012 10th St., Sacramento; contractor, Geo. D. Hudnutt, California Fruit Bldg., Sacto.
STORES and apartments, two-story and basement brick, \$16,429; No. 2730 J St., Sacramento; owner, Born Bros., 2800 J St., Sacramento; contractor, Geo. D. Hudnutt, California Fruit Bldg., Sacramento.
DWELLING, one-story 5-room and garage, \$2800; No. 2425 V St., Sacra-

ramento; owner, A. F. Terra, 1912 4th St., Sacramento.

APARTMENTS, two-story 4-room (8) and garage, \$3600; No. 3020 G St., Sacramento; owner, A. A. Norris, 204 Peoples Bank Bldg., Sacto.

DWELLING, one-story 6-room and garage, \$2700; No. 3330 L St., Sacramento; owner, Iose E. McLaughlin, Sutter City; contractor, C. Koch, 3418 L St., Sacramento.

ADDITION of two rooms to Jefferson School, \$12,000; Sixteenth and N Sts., Sacramento; owner, City School District; contractor, Wm. Murrell; contractor, Ochsner Bldg., Sacramento.

STORE, one-story, \$3300; No. 630 M St., Sacramento; owner, Ong Young, Premises; contractor, C. Yandina, 2022 M St., Sacramento.

DWELLING, one-story, 6-room, \$2800; No. 2972 43rd St., Sacramento; owner, L. F. Gould, 4500 Ventura Ave., Sacramento.

DWELLING, \$3600; location not given; owner, Agnes I. Bateman, 1627½ 18th St.; contractor, W. H. Bateman, 1627½ 18th St., Sacramento.

TILE and concrete addition to El Dorado School, \$16,000; Fifty-second and J Sts., Sacramento; owner, Sacramento City School District; contractor, Wm. Murrell, 527 Ochsner Bldg., Sacramento.

DWELLING, two-story 6-room frame and stucco, \$—; No. 1347 43rd St., Sacramento; owner, M. C. Hilliard, 2500 Q St., Sacramento.

DWELLING, one-story 5-room and garage, \$—; No. 2924 38th St., Sacramento; owner, E. E. Mills, 2112 28th St., Sacramento.

DWELLING, 1-story 5-room, and garage, \$8550; 2420 26th St., Sacramento; owner, T. Schluckebier, 2660 Marshall, Sacramento.

DWELLING, one-story 5-room and garage, \$3500; No. 3417 T St., Sacramento; owner, C. H. Johnson, 818 26th St., Sacramento.

DWELLING, one-story 6-room and garage, \$5500; No. 1206 41st St., Sacramento; owner, G. F. Morrill, 629 23rd St., Sacramento; contractor, G. E. Harvie, 2112 T St., Sacto.

BUILDING, 5-story, \$20,810; Lots 1, 2, 3 and 4, L. M. 28th and 29th Sts., Sacramento; owner, Sutter Hospital Ass'n., Sacramento; contractor, Latourette-Fical Co., 907 Front St., Sacramento; Recorded Dec. 12, 1922.

REINFORCED concrete addition to ice Plant, \$41,000; W. P. R. R., Hickman Tt. E. of Freepport Road, Sacramento; owner, Consumers Cold Storage Co., 8th and D Sts., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Amount
Dec. 9, 1922—W ½ LOT 3, I, J, 17th and 29th Sts., Sacramento. G M Crocker to whom it may concern.....
Dec. 1, 1922

LIENS FILED

SACRAMENTO COUNTY

Recorded
Dec. 5, 1922—W ½ LOT 7 W, X, 17th and 18th Sts., Sacramento. Theodore Erickson vs J J Machado.....\$140

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

\$2500 and Over Reported

WORK shop, \$8000; No. 713 N-EI Dorado St., Stockton; owner, Emil

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock \$100,000
Sacramento, Placerville,
Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Hernan, 222 Channel St., Stockton.
 RESIDENCE, \$16,000; No. 1520 N-Hunter St., Stockton; owner, A. F. Roberts, 47 W-Rose St., Stockton.
 THREE residences, \$14,650; No. 1204, 1210 and 1216 W-Poplar St., Stockton; owner, Bigger & Inman, 407 E-Webster St., Stockton.
 RESIDENCE, \$5,000; No. 1066 Vernal Way, Stockton; owner, P. F. Dobson, 1045 Vernal Way, Stockton.
 RESIDENCE, \$4,500; No. 927 N-Baker St., Sacramento; owner, Mrs. J. W. Barrett, Premises.
 RESIDENCE, \$6,000; No. 511 W-Walnut St., Stockton; owner, S. C. Deveraux, 20 E-Willow St., Stockton.
 PUBLIC garage, \$25,000; No. 26 East Channel St., Stockton; owner, Western States Gas & Electric Co., Channel & Sutter Sts., Stockton.

LIENS FILED

SAN JOAQUIN COUNTY

Recorded	Amount
Dec. 11, 1922—LOT 8 being 1 acre in Subd of Brueck Tract, Escalon.	
Simpson Gray Lumber Co vs Laura G Stevenson	\$607.01

BUILDING CONTRACTS

SANTA CLARA COUNTY.

\$1,000 and Over Reported

STORE BLDG.
 PALO ALTO. All work for reinforced concrete store building.
 Owner—The Palo Alto Improvement Co., Palo Alto.
 Architect—E. M. Clark, Palo Alto.
 Contractor—John Morton, Balboa Bldg., San Francisco.
 Filed Dec. 9, '22. Dated Dec. 1, '22.
 As work progresses..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$27,075
 Bond, \$20,306.75. Surety, New Amsterdam Casualty Co. Limit, 125 working days from Dec. 5, 1922. Forfeit, \$10.
 Plans and specifications filed.

COTTAGE, four-room, \$1750; Ninth St. near Virginia St., San Jose; owner, Emmett McQuoid, 198 Tillman St., San Jose.

COTTAGE, 4-room, \$2200; Whittin St. near King Road, San Jose; owner, Ferd. Bardelmeyer; contractor, W. Furtwangler.

REBUILD warehouse, \$5000; San Pedro St. near Julian St., San Jose; owner, California Pine Box Corp., 333 N-San Pedro St., San Jose; contractor, Chas. Thomas, 692 N-San Pedro St., San Jose.

COTTAGE, 5-room, \$1900; Margaret St. near Seventh St., San Jose; owner, W. A. Hinds, 45 Oak St., San Jose.

COTTAGE, 4-room, \$2645; Julian St. opp. 20th St., San Jose; owner, R. M. McMahon, 950 E-Julian St., San Jose; architect, Wesley Hastings, 524 E-St. James St., San Jose; contractor, Hastings Bros., Bank of San Jose Bldg., San Jose.

FLATS (2), two-story, \$4600; S Sixth St. near Margaret St., San Jose; owner, E. J. Hawley, 122 Page St., San Jose.

COTTAGE, five-room, \$3250; 16th and Emprise Sts., San Jose; owner, W. H. O'Neil, 500 N-15th St., San Jose
 COMBINATION store and residence, \$4720; Vine and Balbach Sts., San Jose; owner, P. Jaquet; contractor, Jerome Garcia, 1052 S-First St., San Jose.

COTTAGE, five-room, \$2700; No. 190 Acacia St., San Jose; owner, J. P. Isaksen.

COTTAGE, four-room, \$2700; Tenth & San Salvador Sts., San Jose; own-

er, S. M. Dodson, Knox Bldg., San Jose; contractor, Jerome Garcia, 1052 S-First St., San Jose.

COTTAGE, four-room, \$1600; Shortridge St. near 32nd, San Jose; owner, W. D. Reese.

ADDITION, \$14,500; Market and San Fernando Sts., San Jose; owner, U. S. Government; architect, Government Architect; contractor, John Morton Co., Balboa Bldg., S. F.

ALTER second story, \$1280; No. 172 S-Second St., San Jose; owner, F. F. Torrey, 664 S-8th St., San Jose; contractor, W. J. Moore, 75 Duane St., San Jose.

COTTAGE, four-room, \$1975; Home St. near Delmas, San Jose; owner, W. S. Gardner, 425 Home St., San Jose.

COTTAGE, four-room, \$1600; Shortridge St. near 33rd, San Jose; owner, W. D. Reese.

COTTAGE, five-room, \$2500; 16th near St. James St., San Jose; owner, A. Martino; architect, H. C. Wells, 525 N-San Pedro St., San Jose; contractor, Wells & Odell, 525 N-San Pedro St., San Jose.

ALTER second story, \$1675; San Antonio and Market Sts., San Jose; owner, Auzaerals Estate, Auzaerals Bldg., San Jose; contractor, Jorgensen & Thomy, 160 Irving St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded	Accepted
Dec. 12, 1922—SAN JOSE. Amalia Camelo to Clyde Alexander.....	
.....Dec. 12, 1922	
Dec. 12, 1922—SAN JOSE. L. Pleging to whom it may concern Dec. 12, '22	
Dec. 12, 1922—PALO ALTO. Robert Harrington Brydon to whom it may concern.....Dec. 6, 1922	
Dec. 7, 1922—SAN JOSE. Thaddeus P. Mitchell to Lewis & Nelson.....	
.....Dec. 7, 1922	
Dec. 9, 1922—HANCHETT RESIDENCE Park. San Jose. Fred J. Arhling to J. W. Osborne and R. C. Knight.....Dec. 7, 1922	
Dec. 11, 1922—PALO ALTO. Daisy Clendenin to whom it may concern.....Dec. 8, 1922	
Dec. 11, 1922—SANTA CLARA. Clement M. Lang to whom it may concern.....Dec. 9, 1922	
Dec. 11, 1922—PALO ALTO. Vernon M. and Bertha Chapman Cady to Wells P. Goodenough.....Nov. 28, 1922	

LIENS FILED

SANTA CLARA COUNTY

Recorded	Amount
Dec. 9, 1922—SOUTH PALO ALTO. Phillip Darr vs Clara MacGregor and S S Cooke	\$470.35
Dec. 11, 1922—SAN JOSE. W. G. McMillan vs F. E. Weaver and Louis Dagle	\$35

OFFICIAL PROPOSALS

(Continued from Page 14)

NOTICE TO BIDDERS

(Longview, Portland & Northern Railway Company)

Sealed proposals for the construction of road bed, bridges and culverts for approximately eight and one-half (8½) miles of railroad in Coville County, Washington, will be received by the Longview, Portland & Northern Ry. Company at its offices at Kelso, Washington, up to 2 o'clock p. m., January 1st, 1923, when they will be opened and read, eight and one-half (8½) miles being regarded by the Company as the first unit of contemplated construction expected to total twenty-six (26) miles, contract expected to be let early in 1922.

Drawings, specifications and form of proposal, contract and bond are on file in the office of the Chief Engineer, Kelso, Washington, and may be inspected by prospective bidders; or same will be furnished to interested parties on deposit of Ten Dollars (\$10.00), which will be refunded upon return of papers in good condition.

Bids must be made on proposal form to be furnished by the Company and in the case of designations therein, same to be inclosed in sealed envelope bearing the name and address of the bidder and to be marked "Bid for Railroad Construction."

The principal quantities involved are approximately as follows:
 153,580 cubic yards excavation.
 39,300 cubic yards loose rock excavation.

59,300 cubic yards solid rock excavation.
 222,660 cubic yards embankment borrow.

649,710 station yards overhaul.
 324 lin. ft. 18-in. concrete culvert pipe.
 672 lin. ft. 24-in. concrete culvert pipe.

60 lin. ft. 30-in. concrete culvert pipe.
 380 lin. ft. 36-in. concrete culvert pipe.
 70 lin. feet 42-in. concrete culvert pipe.

43,863 lin. feet piling.
 514,500 ft. B. M. lumber for trestles.

Each proposal must be accompanied by a certified check payable to the Longview, Portland & Northern Ry. Company for not less than five (5) per cent of the total amount of the bid as a guarantee that contract will be entered into if awarded.

The person or persons, if any, to whom the contract is awarded will be required to file a bond not less than 50% of the total amount bid, with good and sufficient sureties, to guarantee the faithful performance of the contract.

Special attention of the bidder is called to "Information for Bidders" included in the proposal forms.

The right is reserved to reject any and all bids.
 LONGVIEW-PORTLAND & NORTHERN RY. COMPANY.

By WESLEY VANDERCOOK,
 Title Chief Engineer.

NOTICE TO PIPE MANUFACTURERS

(Terra Bella Irrigation District)

Notice is hereby given that the Board of Directors of the Terra Bella Irrigation District will receive sealed bids or proposals up to 11 o'clock a. m., on January 2, 1923, at their office in the First National Bank Building, Terra Bella, Calif., for the furnishing, F. O. B. Ultra, Calif., on or before February 1, 1923, riveted steel water pipe, as per specifications on file in the office of the superintendent of the Terra Bella Irrigation District, of the following sizes and quantities:

4 inch 700 ft.
 6 inch 6700 ft.
 7 inch 700 ft.
 8 inch 2700 ft.

Quantities are estimated and may vary from fifty to one hundred and fifty per cent of the amounts given.

Each bid must be accompanied by a certified check in the sum of five per cent of the total amount of the bid and made payable to the Terra Bella Irrigation District.

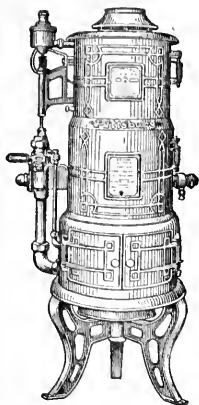
The Board of Directors reserves the right to reject any or all bids and waive defects.

All bids must be addressed to Earle R. Clemens, Secretary, and plainly marked "Bids for Pipe."

EARLE R. CLEMENS, Secretary

NEW CARPENTER'S LEVEL

The Commercial Laboratories, manufacturing and research chemists, Maplewood, N. J., will market a unique and novel form of a carpenter's level. The instrument will be known as "Barber's Automatic Level" and reads horizontally as well as vertical deflections from one scale and can be applied in a dark place without the use of artificial light, allows duplication of work, within 2 degrees and is simple in design.



A "Pittsburg" Automatic Gas Water Heater installed in the Home indicates high quality throughout.

Recommended and specified by all of the leading architects, plumbers and builders.

Consider the high merit of the Pittsburg coupled with "Pittsburg Perfect Service."

"Hot water quick as a wink."

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The Most Powerful Made
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Will not freeze Will not exude

Will not give off noxious gases

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THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

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and Sand Blasting

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Publication Office
500 Mission Street

SAN FRANCISCO, CALIF., DECEMBER 23, 1922

Published Every Saturday
Twenty-second Year No. 51

Schumacher

Office
210 American National Bank Building

*Permanence
Economy*

Wall

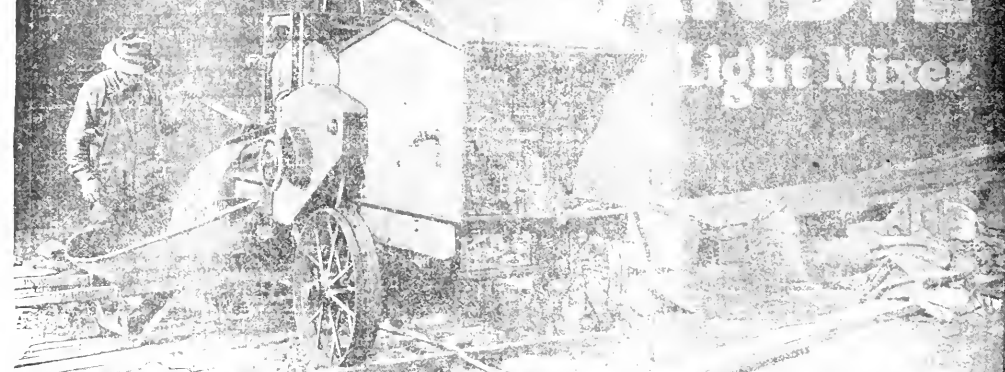
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San Francisco Oakland

*Appearance
Comfort*

Board

For Sale by all Lumber and Building Material Dealers

KOEHRING DANDIE Light Mixer



—yet it is within the price range for light mixers

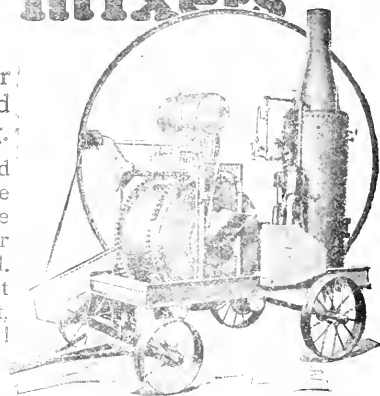
THE Dandie is a light, easily portable mixer for concrete footings, culverts, floors, and has also proved suitable for mortar mixing.

It is a Koehring mixer—Koehring designed and constructed—and this means that dependability and long service life are the first considerations, not lowest price. No it is not the lowest priced mixer, but is well within the price range for light mixers, making it the greatest *value* in light mixer field. It sets a new standard of efficiency and value for light mixers. Big production, standardization in every part, and automatic shop equipment keeps the price down!

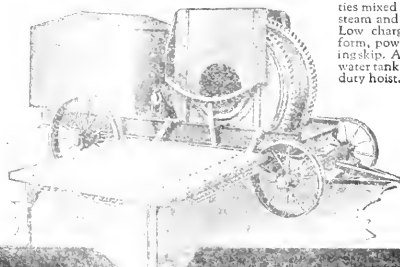
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Get the details of construction—the liberal drum dimensions—double gear drum drive—the drum roller construction—universal bearings, mixing action—the two side discharge control—trouble-proof power—dust-proof housing. Get these details and you will see why the Dandie offers a remarkable value. Write for catalog D 000 today.

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MILWAUKEE WISCONSIN



4 and 7 cu. ft. capacities mixed concrete, steam and gasoline. Low charging platform, power charging skip. Automatic water tank and light duty hoist.



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San Francisco

Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., DECEMBER 23, 1922

Twenty-second Year No. 51



No. 550 Mission Street,
San Francisco, Calif.

MRS. L. A. LARSEN, Publisher
J. P. FARRELL, Managing Editor

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Coastal Costa County Builders' Exchange

Stockton Builders' Exchange
Stockton Architects' Association
Fresno Builders' Exchange
Vallejo Builders' Exchange

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San Francisco Post Office under act of
Congress of March 3, 1879.

HARDWOOD LUMBER MARKET ACTIVE

"Great numbers of buyers for the furniture, hardwood flooring, automobile, sash and door, and many other lines of wood-consuming industrials, are in the market actively for hardwoods," according to "Lumber" of Chicago. "In the face of an unusual demand, lack of shipping facilities at loading points, and a scarcity of the more staple items of dry hardwoods, prices of oak gum, birch, maple and basswood are on the upward trend, with some sharp advances during the past fortnight.

"The hardwood flooring factories have bought heavily of 4x4 oak in the No. 1 and No. 2 common grades, and with the furniture buyers now coming to the market strong for the same items, they are finding it difficult to place orders for their requirements, and in many instances are paying high prices for suitable stocks available for immediate shipment. The furniture people are in the market for sap and red gum, and there have been advances in the more staple items of that particular species, with the demand far in excess of the supply.

It is explained by the lumbermen in this market that the present situation is due to an unusual demand coming at the same time from the furniture, automobile and hardwood flooring manufacturers, the three industries consuming probably 75 to 80 per cent of the output of the annual oak and gum production. In the present situation the local lumbermen also see a revival in industry, with many wood-consuming plants fast getting back to normal in consequence of a better demand for the manufactured products.

The Staff of
BUILDING & ENGINEERING NEWS
Wishes You A

Merry Christmas
and a
Happy New Year

And desires to express its sincere appreciation of
your continued patronage and support.

M. C. VAUGHN, OAKLAND CONTRACTOR, DRAWS \$16,000 AND DISAPPEARS

M. C. Vaughn, Oakland contractor, and the successful bidder on the \$480,000 second unit of the Highland (Alameda co.) hospital and the \$110,000 Alexander Hamilton high school, has disappeared and the Globe Indemnity Co. has commenced an audit of his accounts.

Vaughn, according to newspaper reports, gave up his offices in the Oakland Builders' Exchange Friday, December 15, after cashing a warrant for \$16,000 from the Alameda County supervisors. He has not been heard from since.

S. E. Jackson, manager of the Globe Indemnity Co. which is on Vaughn's bonds to guarantee the completion of the county hospital and the high school has applied for a warrant for his arrest on a charge of felony embezzlement, according to the Oakland newspapers. Announcement is made, however, that it is not possible to issue the warrant because under the law the money he received was his own money given for services rendered and material purchased. The fact that he acted as trustee for subcontractors is not covered by law.

L. A. WILL USE S. F. SCHOOLS AS MODELS

San Francisco school buildings of recent construction are to be taken as a model for schools in Los Angeles. City Architect John Reid, Jr., has received a request from Robert H. Lane, assistant superintendent of the Los Angeles schools, for the floor plans of the new Grant school on Pacific avenue and for photographs of the building. The plans are to be used in the building program of the Los Angeles department. In a letter to Reid the Los Angeles school head states:

"I have recently been on a tour of inspection of the many newer school buildings in San Francisco. We have nothing in this city to compare with the buildings which have been designed by you."

Assistant Superintendent Lane declares that the employment of a school architect by San Francisco is a "big step in advance of our local scheme, which farms out our new buildings to a dozen different architects, many of whom have had no experience in school work."

TWENTY MILLION DOLLAR STEEL COMPANY IS FORMED

The Columbia Steel Corporation, capitalized at \$20,000,000 and formed to consolidate the Columbia Steel Company operating at Pittsburg, Cal., and Portland, Ore., with the Utah Coal and Coke Company and certain ore properties in Utah, has completed its organization, according to an official announcement by President Wigginton E. Creed.

The new company will expand the Pittsburg plant by increasing its open hearth capacity and adding sheet and wire mills to its equipment. The object is to meet all requirements of Pacific Coast markets.

In addition the corporation will build a blast furnace and by-product coke oven at a site in Utah between Provo and Springville for making pig iron to supply the pig iron requirements of the new mills and general coast market.

The capital stock of the corporation is divided into two lots of common and preferred stock, each totaling \$10,000,000.

The newly elected officers of the corporation are: W. E. Creed, president; J. D. Grant, first vice president; Joseph Sloss, vice president and treasurer; D. H. Botenford, vice president; L. F. Rains, vice president; John D. Fenstermacher, secretary. Directors: Wallace M. Alexander, W. W. Armstrong, D. H. Botenford, Albert E. Boynton, E. F. Eurrell, W. E. Creed, C. G. Dall, W. W. Crocker, John S. Drum, A. C. Ellis Jr., Herbert Fleischacker, J. D. Grant, S. F. B. Morse, L. F. Rains and Joseph Sloss.

URBAN HOMES IN NATION NOW TOTAL 17,600,000

The total number of homes in the United States, not including homes on farms, was 17,600,000 in the year 1920, according to figures recently issued by the census bureau at Washington. Of this number 7,195,000, or 40 per cent, were owned by their occupants and of these 2,855,000 or 39.7 per cent, were mortgaged.

The total amount of these mortgages is estimated by the bureau to be \$6,000,000,000, while the total value of the homes is placed at \$14,099,000,000. The ratio of the indebtedness to the value is 42.6 per cent.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The E. T. Chapin Pole Co., of Spokane, Wn., has acquired in the Weippe district of Clearwater Co., Ida., the timber, mill site and other interests of the Scofield-Mariner syndicate. E. T. Chapin, head of the company, closed the deal. The reported consideration is \$150,000. The purchasing company will spend \$100,000 in mill installation at Weippe and other works necessary to inaugurating milling operations. The timber embraces 3300 acres. The stand is estimated at 100,000,000 feet, of which more than one-third is white pine. The yellow pine is estimated at 10,000,000 feet and the mixed timber, including fir, black pine, tamarack and cedar, at 55,000,000 feet. The stand includes 2,500,000 feet of cedar poles.

Wage plasterers, bricklayers, hod-carriers and building laborers will be increased 10 to 20 per cent in the Pacific Northwest January 1, according to word from Seattle. Plasterers have been raised from \$9 to \$10 a day and are working on a five-day week basis. Bricklayers have had their wages raised from \$8 to \$9 a day on a tentative arrangement extending to January 1. Seattle has the report that tile-setters have been offered as high as \$74 a week in southern California cities.

A three year extension of time has been granted by the State Railroad Commission to the Sacramento Northern Railroad Co., successor in interest of the Vallejo and Northern Railroad Company, to install a subway on Union Avenue at Fairfield, Solano County, where the line crosses the Southern Pacific tracks. It is pointed out that the estimated cost in 1913 was \$96,000 while the cost today would be approximately \$150,000.

E. F. Pray, resident manager for the Red River Lumber Co., at Westwood, Calif., has resigned to accept a position as general manager of the Hutchinson Lumber Co., a new concern entering the Northern California lumber field. Pray entered the service of the Red River Lumber Company thirty years ago as bookkeeper, and since 1913 has been resident manager at Westwood. He is also a director of the First National Bank of Westwood.

More than 19,000,000 feet of lumber was loaded at British Columbia ports during October for shipment to foreign markets. The lumber was for Eastern Canada, the Atlantic States, Japan, California, Fiji and France. Of the total 1,155,568 feet was loaded on the Fraser river, 1,875,000 feet at Coonah bay, 550,000 at Chemainus and the balance at Vancouver.

Japanese members of Federated American Engineering Societies, mechanical, electrical, civil and mining, who have returned to their own country, have formed an association to promote the interest of their profession. Many of these men spent years in America.

Arrangements are being completed to construct a 50-ton cyanide mill at the Bellehelen Merger Mines at Tonopah, Nevada. Construction has been started on a 9000-ft. pipe line and contracts have been let for hauling 225 tons of machinery and building material for contemplated improvements.

The usual decline in sales of fabricated structural steel is reported for November in statistics issued by the Department of Commerce, showing the total sales for the month to have been about 16.3 per cent of the shop capacity of firms manufacturing the commodity. October orders were about 57 per cent of the shop capacity.

A. H. Landram, president of the Tacoma Lumbermen's Club, proposes to advertise Tacoma, Wn., as the "Lumber Capital of America." Full page advertisements in 13 lumber publications and descriptive material will be mailed to 20,000 lumber dealers in addition to folders to be issued in clubs and public places.

Offenbach Electric Co. has opened quarters at 1452 Market St., San Francisco, and will engage in a general electrical supply business.

Initial steps in the preparation of the plan for a proposed civic center for Fresno, which officials describe as an amplification and glorification of the "Cheney plan" adopted in 1918, will be taken at a gathering of architects of Fresno to be held within the next few days. The meeting will be called by Miles O. Humphreys of the City Planning Commission.

It is reported that the Eastern and Western Lumber Co., of Portland, has purchased approximately 1,000,000,000 feet of timber in the Cascade range in Marion and Clackamas counties, Oregon, from the Foster Timber Company, of Milwaukee, Wis. The tract lies north of the Silver Falls Timber Company holdings.

Lassen county holds the record in the state of California for lumber production, according to the recent report of the Federal Forest Service and the State Forest Service. The past year has been unusually profitable for Lassen county lumbermen while the prospects for next year are even better.

The California State Railroad Commission has authorized the Palermo Land and Water Co., and the South Feather Land and Water Co., of Chico, to sell their water systems to the Oroville-Wyandotte Irrigation District of Butte County. The price to be paid each selling company is \$200,000.

A pamphlet entitled "Waste Eliminated in the Production and Consumption of Hardwood Lumber," has been issued by the Hardwood Manufacturers' Institute. It explains conditions regarding present grading rules, their inadequacy, and suggests methods for improvement.

Routt Lumber Co., of Fresno, is manufacturing factory built garages that can be put together on location in three hours time. The structures are built in several sizes from single garages, ten by sixteen feet up to sixteen by twenty feet, to house two cars.

Pritchard Bros., general contractors, 1214 Van Ness Ave., Fresno, will open a branch office in Los Angeles to handle contracts in the southern section of the state.

ALONG THE LINE



F. S. Keever, Los Angeles manufacturer, has purchased the creditors' claims and is arranging to purchase the machinery of the Dow-Herriman Co., plant at Petaluma. He plans to operate the plant for the manufacture of pumps and mining machinery. Murray Herriman, who was a member of the Dow-Herriman Co., will be associated with Keever as engineering engineer.

G. I. Batelle, formerly with the engineering department of the city of San Francisco; Chas. J. Worden, of the firm of Lloyd and Worden, and E. W. Roberts, formerly with the Western States Gas and Electric Co., are now in the employ of the California State Highway Commission.

The Bethlehem Shipbuilding Corp., Ltd., shipbuilders and engineers, has established an office in the H. W. Hellman Bldg., Los Angeles. C. C. McRae, who has been associated with the engineering profession of the Pacific coast for some years, is in charge of the Los Angeles office.

The Shasta County Grand Jury in its final report recommends that the county undertake the construction of a system of roads to the Lassen Volcanic National Park in addition to improving other roads in various sections of the county.

Frank Mayo, Stockton architect, has been elected president of the Stockton City Planning Commission. John Kasper, appointed by the city council to serve on the commission, was elected vice president and Mrs. Kathryn E. Smith was chosen secretary.

H. J. Sarter, surveyor of Siskiyou county, has resigned to open an office in Los Angeles for private practice. Sarter was county surveyor of Siskiyou county for twelve years and for four years was a deputy in that office.

The Universal Tractor Co., Inc., of Oakland, has been incorporated and will engage in the manufacture of a light tractor, approximately 2500 pounds with weight on traction wheels.

J. A. Walls, of the architectural firm of Morgan, Walls and Morgan, Los Angeles, died in that city December 12 of heart disease.

The National Stone-Tile Co., of San Francisco will establish a plant at Menlo Park for the manufacture of building materials.

P. B. Hackley, 625 Market Street, will represent Wm. Ruddock, Los Angeles steam shovel sales agent, in Northern California.

Western Apple Vinegar Co., of Sebastopol, has purchased a site adjoining its present plant in Sebastopol and will erect a dehydrator early in 1923.

Plant of Washington Wood Products Co., Tacoma, Wn., suffers \$57,000 fire loss, December 17.

DRASTIC WAGE CUTS WILL HINDER INDUSTRY

(American Contractor)

The time to prepare the building trades wage scales for 1923 will soon be at hand. Already news comes from San Francisco that hearings are being held by the Impartial Wage Board which was appointed last year by the Industrial Association. This board determined the rate of wages paid in the San Francisco building trades during 1922.

The San Francisco Builders' Exchange has presented to the Impartial Wage Board its recommendations that during 1923 the same rate of wages shall continue as was in effect during 1922 except in the instances of the lathers and bricklayers who were mentioned for a rate of 12½ cents an hour over the prevailing rate.

In open shop cities and in mixed open and closed shop towns, as well as in solidly closed shop communities, the setting of the wages is vital to the development of the construction industry during the coming year.

The San Francisco Builders' Exchange seems to have made its recommendations in accord with all the current economic facts. There is no tendency towards decreased living costs apparent. The shortage of certain classes of mechanics creates a precarious situation that is liable to affect any community that attempts to pull down the high rates of wages that these favored groups are receiving. Any attempt to make drastic wage reductions is liable to react to the detriment of the industry at the present time, for as wholesale price levels remain fixed or advanced there is little cause to cut the wages of those workers who are now receiving a rate commensurate living needs, while those classes of mechanics who have been receiving wages above the rate of a dollar an hour are not liable to take a cut with any good grace owing to the current shortage in craftsmen that allowed these wages to rise so high in the first place.

Next year looks like a big construction year. Yet the upward tendency in general construction costs should be checked as much as possible. Diplomatic methods of the present time to be proper tactics in trying to prevent any greater rise in costs. If wholesale prices continue to advance it may well be the part of wisdom to grant raises to some of the lowest paid men commensurate with the advance in living costs where such action will not precipitate a general struggle for more wages all along the line.

In any event, the subcommittees that have charge of the work of preparing next year's wages should gather in all the economic data that is available on the subject, for gathering the facts about wages may prevent some costly delays next summer. Last year was comparatively quiet among workmen in the building trades field. Let us assure ourselves of another year of productive peace by understanding the economic and the wage situation throughout the country before we make any moves.

NOVEMBER CEMENT PRODUCTION

Portland cement production in November was smaller than in any month since June, while shipments were less than any month since April. Production was 11,349,000 barrels, compared with 12,287,000 in October and shipments were 10,167,000 barrels, compared with 12,854,000 in October.

ROAD CHIEFS OPPOSED TO NARROW HIGHWAYS

National highway congestion and the "billion dollar limitations" that are beginning to appear in Uncle Sam's mammoth transportation system are due for the concentrated attack of automobile and roads authorities this winter. Following the annual conventions of highway leaders in Chicago and other construction centers, engineers predict that at least two basic features of the federal highways already completed will be eliminated from future plans.

The first is the generally adopted 18 foot pavement width, which authorities declare is at least two feet too narrow for safety on main traveled roads. The second is the recognized fallacy of running through state and federal routes into towns and cities when it is possible to avoid congested city streets and traffic dangled by routing them along the border of corporate limits.

Dangerously narrow roads are gradually disappearing as a result of widening the shoulder work throughout the east and near traffic centers in Illinois. Builders explain that the laying of as great a mileage of all season pavement no matter what limit lack of building funds set for their width, has been the vital item in the last five years. They expect to see the development of 24, 50, and 100 foot pavements as traffic requires them, and to establish separate freight and passenger car highways by the same gradual method.

The routing problem is considered more difficult. In the majority of states main road pavements have been laid out through the heart of every village and town within striking distance, although state and federal funds cannot be used to improve streets in any of the larger communities. The traveler thus

enjoys smooth running and economical operation everywhere in the open country, but meets irritating delays, rough and unprepared roads, and careless route markings the moment he reaches the edge of most towns.

A tour of the Illinois bond issue system strikingly illustrates this recent construction mistake. The "Valley Way" leading from Chicago through Joliet, Peoria, and Springfield to St. Louis, is honeycombed with community barriers. Scores of motorists have complained to the state concerning the rough pavements and danger in Lemoine, Joliet, Marseilles, Ottawa, Peoria, Springfield, and several of the larger towns to the south. In some instances the towns are improving streets used by the state route, but conditions were found to be uniformly bad by a recent inspection tour. Lack of proper markings through the towns and congestion in the business districts, where the routes invariably center, add to the delay and danger. The state highway department has no jurisdiction over this condition.

Like conditions were found at the outskirts of Bloomington, Decatur, Danville, and other population centers, along the various state routes, and on practically every Chicago street carrying state road traffic into Chicago.

Many of the good roads captains, among them the men responsible for the projected 60 million dollar state highway system in Missouri, plan to launch a national campaign against the future routing of state and federal highways through towns along their line, this winter. The Missouri routes avoid all towns wherever possible, connecting communities with the main highway by spur pavements.

CHICAGO TRIBUNE DESIGN AWARD—ED N. Y. ARCHITECT

John Mead Howells, New York architect, son of William Dean Howells, the novelist, won the \$50,000 prize offered by the Chicago Tribune for the best design for the \$7,000,000 building which it will erect on North Michigan Boulevard, Chicago. Raymond M. Hunt, of New York, was associated with Mr. Howells in the development of his design. The winning design is for a Gothic structure with 20 stories in the lower 250 ft. and additional 140 ft. of buttressed tower, making the total height 400 ft. Second prize of \$20,000 went to Ellet Saariner of Helsingfors, who won second prize in the Hague Palace competition. Third prize of \$10,000 was awarded Theodor Holabird & Roach, architects of the skyscraper temple of the First Methodist Church of Chicago. Other prize winners divided \$20,000.

\$24,000,000 CONSOLIDATED CANAL PROJECT PROPOSED

The Board of Directors of the Sacramento Valley Development Association has been advised of the ultimate result of an investigation into the proposed building of the Sacramento River ship canal, installation of a lock system and building of a salt water dam to keep fresh the waters of the Sacramento River, should result in the consolidation of the projects into one gigantic \$12,000,000 proposition.

This was contained in the progress report of W. A. Beard, president and general manager of the association.

The estimates of cost were based on enough figures supplied by the war department engineers. The feasibility of each project will be investigated thoroughly by a committee which Beard has been authorized to appoint to carry out the work.

MEXICAN LUMBER IMPORTS

The importation of lumber into Mexico for the fiscal year ended June 30, 1922, according to official statistics, was only 60 per cent of the total quantity imported during the previous year. One of the most important dealers in Mexico City has made the statement that at present the sales of lumber do not exceed 50 per cent of the average sales four months ago. The only lumber used in quantities of commercial importance in building consists of floor and ceiling beams, according to estimates of lumber producers and dealers. The production of lumber in Mexico is now approximately 750,000,000 feet, and another producer has just begun operations with the expectation of cutting from 1,000,000 to 2,000,000 feet per month.

PROPOSE HIGHER BUILDINGS FOR CHICAGO

The builders of sky scrapers in the Windy City are expecting to be able to hoist their flags to greater heights than ever before if the new zoning and building laws are approved. The new laws figure vertical distance in terms of the cubical contents of the buildings, and the proposed maximum elevation to be permitted in the downtown district will be extended another 20 feet, or to the peak of 280 feet from the street level.

The designer may take advantage of this increase if more space is provided for light shafts. The tentative rule limits the cubical contents to twenty times the lot area. A building line 15 per cent of the depth of the lot back from the lot line will be established in zones limited to detached residences. For apartment districts the figure is 10 per cent.

ORGANIZATION NEWS

EIGHTEEN INCREASES ARE ALLOWED BY IMPARTIAL WAGE BOARD IN 1922 SCALE

The impartial wage board appointed by the Industrial Association of San Francisco to establish a wage scale in the building trades of San Francisco has completed its findings and fixed a minimum wage scale in all building crafts for 1923.

The new scale calls for eight increases and no decreases. Otherwise the scale remains the same as for 1922.

The board points out that the reason for the increases and no decreases lies partially in the fact that there is no apparent possibility of an early decrease in the cost of living.

It is also pointed out that the scheduled building operations of San Francisco for 1923 totals \$50,000,000, and that with this building boom there will be a shortage of mechanics.

The board points out that the scale is established only as a minimum and that contractors are at liberty to pay higher wages to workmen of superior ability as they see fit.

The board's report says in part: "The wage scale now established differs from that of the year 1922 only in the case of a very few crafts, and in such crafts the change in the scale has been by way of increase and not by way of decrease.

"In no instance has the board made any decrease because there is no indication of any likelihood of any sufficient lowering of the cost of living to warrant such a decrease."

The members of the wage board are Archbishop Edward J. Hanna, H. U. Brandenstein and C. F. Michaels.

	1922	1923
Asbestos workers	\$7.00	\$7.00
Bricklayers	8.00	10.00
Bricklayers' hodcarriers	6.00	6.50
Cabinet workers, in shop	7.00	7.00
Cabinet workers, outside	8.00	8.00
Carpenters	5.00	8.00
Cement finishers	8.00	8.50
Electrical workers	8.00	8.00
Electrical fixture hangers	7.00	7.00
Electrical hoistmen	6.00	6.00
Elevator constructors	8.00	8.00
Engineers, stationary	7.00	7.00
Engineers, traveling crane	7.50	7.50
Engineers, on bridge and structural work	9.00	9.00
Engineers, on derricks	8.00	8.00
Glass workers	7.50	8.00
Housemovers	8.00	8.00
Housemith, struc. iron	7.00	7.00
Housemiths, rein. concrete	7.00	8.00
Iron Workers, bridge and structural	9.00	9.00
Labor, common, 6-day week	4.50	4.50
Laborers, skilled	5.00	5.00
Lathers	8.00	8.00
Marble setters	8.00	8.00
Marble cutters and copers	7.00	7.00
Marble bed rubbers	6.50	6.50
Marble polishers & finishers	6.00	6.00
Millmen, planing mill dept.	7.00	7.00
Millmen, sash and door	6.00	6.00
Millwrights	8.00	8.00
Model makers	9.00	9.00
Model casters	7.50	7.50
Mosaic and terrazo workers	7.50	7.50
Painters	8.00	8.00
Painters, varnishers and polishers, shop	7.00	7.00
Painters, varnishers and polishers, outside	8.00	8.00
Plasterers	10.00	10.00
Plasterers' hodcarriers	7.00	7.00
Plumbers	9.00	9.00
Roofers, composition	7.50	8.00
Sheet metal workers	8.50	8.50
Sprinkler fitters	7.20	7.20
Steamfitters	9.00	9.00
Stair builders	8.00	8.00
Stone cutters, soft & granite	8.00	8.00
Stone cutters, soft & granite	8.50	8.50
Stone carvers	8.00	8.00
Stone derrickmen	8.00	8.00
Tile setters	8.00	8.50

S. F. CHAPTER A. A. E. ELECTS OFFICERS AND REVIEWS YEARS' ACTIVITIES

(Albert J. Capron, Secretary)

At the regular election of officers for the ensuing year, the San Francisco Chapter, American Association of Engineers placed in office the following: President, Geo. Mattis; first vice president, Chas. H. Lee; second vice president, E. H. Herbert; treasurer, Geo. W. Whittle; secretary, Albert J. Capron; Board of Directors: G. Chester Brown, E. E. Carpenter, Wm. H. Phelps and Chas. C. De Wolf.

During the past year the Chapter has had a large measure of prosperity beginning with a heavy indebtedness this has been wiped out and a handsome surplus to the credit of the Chapter is on hand.

Many large problems have been handled including the investigation of the Water and Power Act, research of which extended from Ontario through the Dakotas, up and down the State, wherever any data might be found concerning the proposed matter. After six months of hard work the Committee returned a document of some ten thousand words full of statistics and information which during the campaign was distributed among the electorate and contributed much to defeat the measure.

The proposed unmerger of the C. P. S. P. Railroads called for another equally valuable study, the findings of which have become a source of information pertinent to the subject matter.

An engineers' license law is being prepared for submission to the coming Session of the Legislature. The American Association of Engineers has secured the passage of similar laws, a model law, in eighteen states with several more pending and it is hoped to secure the passage of some measure of protection to the engineer during the coming winter in the State Legislature.

Nearly five hundred engineers have been placed on jobs this year, the value in money of the services of these engineers on a yearly basis amounts to a million and a quarter dollars, all this having been accomplished without expense to the engineer, no fees being charged.

All in all the Chapter has become a factor in the body politic of the profession and with a committee now working on the vehicular traffic problem further contribution to the public may be expected in the near future.

FRESNO BUILDERS' EXCHANGE VOTES TO ESTABLISH SCHOOL FOR BRICKLAYERS

Extension of its industrial school, to include a bricklayer's school for apprentices, was voted at joint meeting of the Valley Industrial Association and the Fresno Builders' Exchange boards of directors.

The school, training 25 students, is confined at present to plasterers and plumbers' apprentices. J. W. Hunt, manager of the association, says. The bricklayers' school will be started as soon as an instructor can be obtained.

Excellent building trade conditions for 1923 were predicted by R. F. Felch, chief of the Builders' Exchange, and head of the industrial relations committee, who predicted that the record building program of this year would be eclipsed.

SANTA CLARA COUNTY SURVEYORS ORGANIZE

Organization of the Santa Clara County Society of Surveyors and Civil Engineers has been perfected.

Henry B. Fisher has been elected president for the ensuing year; Geo. F. Wakefield, vice president; Frank Herrmann, secretary-treasurer; J. G. McMillan, Irving L. Ryder and Frank A. Herrmann, directors.

The organization has for its purpose the fostering of engineering and surveying upon a higher plane, the development of the ethical and social side of the profession, and mutual assistance among the membership. It will also devote time to the study of civic and county engineering and surveying problems with a view of benefiting the entire community.

The charter of the society will be open until February 1, 1923. Those applying for membership must be residents of Santa Clara county and must have had at least two years' experience in directing engineering or surveying work or be graduates of some technical university.

GOVERNMENT AGENTS COMPLETE RENO BUILDERS' INVESTIGATION

Operatives of the bureau of investigation of the United States department of justice have been investigating activities of the Washoe County Builders' Exchange (Reno, Nevada) and have submitted reports on the facts as disclosed to them, it became known when United States Attorney George Springmeyer stated that there is a possibility of a federal grand jury airing of the methods employed by the exchange in the conduct of its affairs.

The reports by agents of the department will be passed upon by the United States attorney for Nevada and by the attorney general's office with a view to determining whether or not there has been any violation of federal law. Springmeyer said, and if the circumstances warrant, the United States grand jury, which, under present plans, will go into session next month, will be called upon for an official scrutiny of the facts.

The investigation of the activities of the Washoe County Builders' Exchange was precipitated by J. H. Cahill, who encountered difficulties with the exchange in connection with construction by him of a hotel building on West street. Cahill addressed a communication to the United States attorney complaining of the practices of the exchange and the latter requested the bureau of investigation to send agents to Reno to check the circumstances surrounding the controversy and to investigate other complaints. This resulted in a comprehensive inquiry which has been in progress for a month or more.

Fifty-six new industries, large and small, have located in Oakland this year through the efforts of the industrial department of the Oakland Chamber of Commerce according to Joseph H. King, retiring president of that organization.

E. C. Whalen, sanitation engineer from Los Angeles, after a two-day inspection of San Francisco's plumbing and sewage facilities, declared this city was the most sanitary he had visited in the United States.

Building News Section

APARTMENT HOUSES

Contract Awarded.
APT. HOUSE Cost, \$28,000
BEIRCKLEY, Alameda Co., Cal., W. Hill-
 eague 126 N. Ashby Ave.
 Three-story apartment house.
 Owner—Mrs. Olive A. Watson, 2921
 Hillcress Ave., Berkeley.
 Contractor—California Builders Co.,
 1531 Franklin St., Oakland.

To Be Done By Day's Work.
APARTMENTS Cost, \$12,000
OAKLAND, E. Kingsley Ave., 300 N. Ex-
 ceisor.

Two-story 16-room apartments.
 Owner—W. E. McClesney, 1315 San
 Luis Ave., Oakland.

Plans Being Prepared.
APARTMENTS Cost, \$135,000
SAN FRANCISCO, NE Leavenworth
 and O'Farrell Sts.
 Seven-story and basement Class A
 apartment and store building.
 Owner—Ackerman & Harris.
 Architect—Weeks & Day, California
 Ins. Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, \$125,000
SAN FRANCISCO, SE Jackson and
 Taylor Streets.
 Two three-story and basement frame
 and plaster apartments (22 apts.).
 Owner—Joseph Bauer, Wigwam Thea-
 tre, 2555 Mission St., San Francisco.
 Architect—J. M. Gutters, 278 Post
 St., San Francisco.
 Contractor—Chas. W. Heyer Jr., Mills
 Bldg., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, \$50,000
BEIRCKLEY, Alameda Co., Cal., Col-
 lege Ave. and Russell St.
 Two-story and basement brick
 and concrete store and apartment bldg.
 Owner—Dr. Stover.
 Architect—W. H. Weeks, 369 Pine St.,
 San Francisco.

Owner Taking Segregated Figures.
APARTMENTS Cost, \$10,000
SAN FRANCISCO, S Green St., 120 E.
 Pierce St.
 Two-story and basement frame (4)
 apartments.
 Owner—J. B. R. Cooper, 711 22nd Ave.,
 San Francisco.
 Architect—E. H. Denke, 1317 Hyde St.,
 San Francisco.

Low Bidder.
APT. HOUSE Cost, approx. \$27,500
BERKELEY, Alameda Co., Cal. Arch. St.
 Two-story and basement frame
 and stucco apartment house, 27 rooms,
 8 apartments.
 Owner—J. O. Davis.
 Architect—W. H. Ratcliff, Jr., First
 Natl. Bank Bldg., Berkeley.
 Low Bidder—H. D. Nelson.

To Be Done By Day's Work.
APARTMENTS Cost, \$18,000
SAN FRANCISCO, SE Bartlett and 24th
 Street.

Two-story and basement frame (6) apts.
 Owner—J. H. Verner, 1991 23rd St. S. F.

Plans Being Figured.
STORE & APTS. Cost, \$18,000
SAN FRANCISCO, Geary bet. 17th and
 18th Aves.

**Two-story frame store and apts. (brick
 veneer) 2 apts. and 2 stores.**
 Owner—Jacob Weissbein.

Architect—H. C. Bauman, 251 Kearny.

Segregated Figures Being Taken.

APARTMENTS Cost, \$30,000
SAN FRANCISCO, W. Scott 55 S. Grove.

**Three-story and basement frame (12)
 apartments.**

**Owner—S. A. Schwartz, 430 Funston
 Ave., San Francisco.**

**Architect—H. C. Baumann and Edw.
 Jose, 251 Kearny St. S. F.**

Contract Awarded.
APARTMENTS Cost, \$29,081
PALO ALTO, Santa Clara Co., Cal., NE
 Cowper St. and University Ave.
 (Ellic Road).

**Frame and plaster bungalow court (10
 2 and 1 room apartments).**

Owner—P. L. Wisdom, Palo Alto, Cal.

**Architect—E. C. Clark, 600 Embar-
 cadero Road, Palo Alto.**

**Contractor—Wells P. Goodenough, 135
 Tennyson, Palo Alto.**

**Bids in—Contracts To Be Awarded
 Shortly.**

APARTMENTS Cost, \$100,000
SAN FRANCISCO, S Jackson 121 E.
 Franklin.

**Five-story and basement steel and re-
 inforced concrete apartment house**

**(10 6-room apts. with basement
 garage).**

Owner—Edgar Brownstone.

**Architect—Bliss & Foyville, Balboa Bldg.
 San Francisco.**

**The Golden Gate Iron Works submit-
 ted the lowest bid for the steel.**

Owner Taking Sub-Figures.

APT. HOUSE Cost, \$35,000
SAN FRANCISCO, S Union near Polk
 Street.

Three-story frame apartment house.

Owner—Axel Johnson, 622 Belvedere.

**Architect—H. C. Baumann and Ed. Jose,
 251 Kearny St. S. F.**

Owner Taking Figures.

APT. HOUSE Cost, \$125,000
SAN FRANCISCO, N Bush 57-6 W. Leav-
 enworth.

**Six-story and basement concrete apt
 house (30 apartments).**

Owner—Louis Johnson, 2260 19th Ave.

**Architect—H. C. Baumann & Edw. Jose,
 251 Kearny St. S. F.**

Contract Awarded.

APARTMENTS Cost, \$15,500
SAN FRANCISCO, SW Mission and
 Clifton Ave.

**Two-story and basement reinforced
 concrete store and apts. (4 apts.).**

Owner—Ernest St. Johns.

**Architect—E. C. Coleman, 110 Sutter
 St., San Francisco.**

**Contractor—H. T. Ludwig, 636 Jessie
 St., San Francisco.**

Contract Awarded.

APTS. & STORE Cost, \$40,000
OAKLAND, Alameda Co., Cal., SW Tele-
 graph and Stevenson.

Three-story brick apt. and store bldg.

**Owner—F. S. Donant, 382 Grant Ave.,
 Oakland.**

**Contractor—J. H. Tedgrift, 4110 Blwy.
 Oakland.**

SANTA MONICA, Los Angeles Co.,
 Cal.—J. E. Rapp, 224 Santa Monica
 Blvd., Santa Monica, and Guy K. Har-
 rison, formerly of Denver, have pur-
 chased property at the corner of
 Ocean and Montana Aves., from D. A.
 Hamburger, and are having plans pre-
 pared for a seven-story Class A apart-
 ment hotel, costing \$500,000 which
 they will erect on the site. The build-
 ing which is to be on the Palisades,
 directly overlooking the ocean, will
 embody every modern apartment con-
 venience and will have a high class
 club on the top floor.

BANKS

Plans Being Figured.

BANK BLDG. Cost, \$—
OAKLAND, Alameda Co., Cal. Fruit-
 vale Ave. and E. 14th St.

**One-story brick and concrete bank
 building (Fruitvale Bank).**

Owner—Oakland Bank of Savings.

**Architect—Reed & Corlett, Oakland
 Bank of Savings Bldg., Oakland.**

**Figures are taken for a gen-
 eral contract.**

Plans Being Prepared.

BANK BLDG. Cost, \$20,000
LARKSPUR, or San Anselmo.

One-story brick branch bank.

Owner—Bank of San Anselmo.

Architect—S. Heiman, 57 Post St., S. F.

Sub-Figures Being Taken.

FISALIA, Tulare Co., Cal.

**Five-story reinforced concrete bank
 and office building.**

Owner—Bank of Italy, San Francisco.

**Mr. Cuneo in charge of construc-
 tion.**

**Architect—R. F. Felchlin & Co., Bank
 of Italy Bldg., Fresno.**

**General Contractor—Jas. Furlong, Mo-
 nadnock Bldg., San Francisco.**

**Bids on the sub-contracts are being
 taken by Mr. Cuneo, 550 Montgomery
 St., San Francisco.**

**Sub-Figures Being Taken—General
 Work To Be Done By Day's Work.**

BANK BLDG. Cost, \$40,000
OAKLAND, Alameda Co., Cal. Tele-
 graph Ave. and 47th St.

**One-story reinforced concrete bank
 building.**

Owner—Bank of Italy.

**Architect—H. C. Bauman, Monadnock
 Bldg., San Francisco.**

Plans Being Prepared.

BANKS Cost, \$50,000 each
OAKLAND, Alameda Co., Cal. 45th
 Ave. and E. 14th St. (Melrose
 Branch and 2 other locations).

**Three one-story brick and concrete
 branch banks.**

Owner—Oakland Bank of Savings.

**Architect—Reed & Corlett, Oakland
 Bank of Savings, Oakland.**

SAN FRANCISCO—The following
 sub-contracts have been awarded by P.

**J. Walker Co., Monadnock Bldg., in
 connection with construction of a 7-
 story class A office building on n.w.**

**Battery and Sansome streets for the
 Federal Reserve Bank of S. F., Geo. W.**

Kellham, Sharon Bldg., is the architect.

**Interior and exterior bronze and iron
 work, etc., awarded to Sartorius Co.,
 15th and Utah Sts., \$20,000.**

**Interior marble work except first
 floor to Jos. Musto Sons-Kearny Ave.,
 563 North Point St., \$35,400.**

**Marble work for first floor to Ver-
 mont Marble Co., 241 Broadway, \$159,180.**

**Sheet metal and roofing work to
 Gardner Conice Works, 269 Potrero
 Ave., \$11,488.**

**Interior tile work to The Rigney Tile
 Co., 150 Jessie St., \$36,145.**

BONDS

SAWTELLE, Cal.—The \$275,000 bond
 issue to provide funds for connecting
 with the Stone canyon reservoir and for
 installing a city distributing system,
 carried at last election held in the
 Sawtelle District.

SANGER, Fresno Co.—Chamber of
 Commerce backs movement to call elec-
 tion to vote bonds to finance purchase
 of site and laying out of playgrounds
 the costs of which are yet to be de-
 termined.

LOS ANGELES, Cal.—Board of public
 Works requests city council to grant
 permission to sell \$2,000,000 of \$12,000-
 000 sewer bond issue voted last Aug-
 ust of this sum \$75,000 will be re-
 quired for the temporary outfall and
 first three units of the emergency
 treatment plant or the extension of the
 pipe line to the sea in the case Venice
 will not be Los Angeles in this disposal.
 \$181,000 for Section 2 of the north out-
 fall, which is for grading the Hyperion
 treatment plant site; \$192,000 for
 screens, concrete and connecting sew-
 ers for south plant of Section 2; and
 \$54,000 for materials only f. o. b. Hy-
 perion for Section 1.

PIEDMONT, Alameda Co., Cal.—Bonds of \$240,000 for a new junior high school and \$60,000 to make up a deficit on the new Piedmont High School were voted at a recent election. W. H. Weeks, 269 E. Pine St., San Francisco, is the architect.

SAUSALITO, Marin Co., Cal.—Election held to vote bonds of \$34,000 to finance construction of new school for Sausalito School District failed to carry by 20 votes. Another election will be called. Preliminary plans for the proposed structure have been prepared by Architect A. A. Cantin, 68 Post St., San Francisco.

OAKLAND, Cal.—Alameda County Supervisors propose to call election early in 1923 to bond for \$6,500,000; \$2,000,000 for new county courthouse, \$3,000,000 for estuary tube and \$1,500,000 to complete Highland Hospital project.

INDEPENDENCE, Inyo Co., Cal.—County Surveyors purchase \$12,000 bond issue of State of California School District; proceeds of sale to finance school improvements.

DURHAM, Butte Co., Cal.—School trustees contemplate calling election to vote bonds of \$100,000 to finance erection of new high school.

LOS GATOS, Santa Clara Co., Cal.—Los Gatos Chamber of Commerce urges bond election to finance construction of new high school to house approximately 250 pupils.

IRVINGTON, Alameda Co., Cal.—Election will be held Jan. 12 in Union Sanitary District to vote bonds of \$70,000 for sewer improvements. Geo. A. Posey, courthouse, Oakland, is eng. for district.

WILLIAMS, Colusa Co., Cal.—Williams Development Club has been organized to urge voting of \$105,000 in bonds for water and sewer systems. Chas. Sloane Co., Santa Fe Bldg., San Francisco, have prepared preliminary plans for the proposed improvements.

MODESTO, Stanislaus Co.—Bonds of \$175,000 voted to finance school improvements.

WATSONVILLE, Santa Cruz Co., Cal.—City sells \$225,000 water works bond issue for premium of \$7,132.50; will finance purchase of privately owned works and improvements to same.

WILLIAMS, Colusa Co., Cal.—Election to vote bonds of \$60,000 for municipal water system and \$15,000 for sewer construction failed to carry.

SAN DIEGO, Cal.—County supervisors will submit to voters Jan. 26 proposition to bond county for \$200,000 to complete county highway system. All gaps in the present system will be filled in and roads generally put in condition.

REDWOOD CITY, San Mateo Co., Cal.—Election to vote bonds of \$40,000 to purchase site and improve for park purposes failed to carry.

CHURCHES

Contract Awarded.
CATHEDRAL, ETC. Cost, \$294,000.
LOS ANGELES, Los Angeles Co., Cal.
W. F. Figueroa, Orange Sts.

Steel frame and brick Class C cathedral and parish house.
Owner—St. Francis Cathedral.
Architect—Johnson, Kaufmann & Coate, 608 Union Bank Bldg., Los Angeles.
Contractor—Peter Hall, 934 S-Raymond Ave., Pasadena.

Contract Awarded.
CHURCH Cost, \$22,000.
SAN FRANCISCO, SW 26th St. and San Carlos St.

Two-story and basement frame church seating 250.
Owner—First Church of the Nazarene, 19th St. and Mission.
Architect—Fred H. Kramer, 1146 Florida St., San Francisco.
Contractor—L. J. Cohn, 110 Sutter St.

MESA, Ariz.—Bids will be called for soon for constructing the Mesa Temple, Church of Jesus Christ of Latter Day Saints. The proposed bldg. will be several stories in height, of classic design, with columns forming facade commencing on second story. The plans will be returned to Mesa within a few days and the call for bids issued. President Heber J. Grant, and Bishop Chas. W. Nibley, of Salt Lake City, will be present at the opening of bids in Mesa. A representative of the church will superintend the construction. The proposed structure will be one of the largest temples ever built by the church, and will be similar to the Hawaiian temple.

LOS ANGELES, Los Angeles Co., Cal.—Highland Park Presbyterian Church has decided to erect a new building on its present site on Pasadena Ave. The new building will cost about \$200,000. Preliminary plans are being prepared and the architect will be selected shortly. Dr. Campbell Coyle is the pastor.

FULLERTON, Orange Co., Cal.—Naer-berg & Johnson, 401 L. A. Ry. Bldg., Los Angeles, have been commissioned to prepare plans for a group of church buildings to be erected at the corner of Pomona and Angier Aves., Fullerton, for the Methodist Episcopal Church. There will be 7 buildings including a main church, chapel, community hall, ladies' parlors and three other buildings for departmental activities. Buildings will be of masonry construction and will cost \$250,000.

SANTA CRUZ, Santa Cruz Co., Cal.—R. S. Taylor, John O'Keefe, W. A. Gardner, et al., have been appointed a building committee by the Holy Cross Catholic Church to secure estimates of cost to install a heating system in the church building.

STOCKTON, San Joaquin Co., Cal.—Trustees of Ahavah Aachin Congregation vote to erect \$16,000 church building in 1923. Option on a site has been secured and negotiations will be closed shortly. Trustees are: I. Brown, P. H. Landman, J. Gardner, H. Hoffman, J. Brown, N. Mogel and L. Sapiro.

FACTORIES & WAREHOUSES

Contract Awarded.
GRANDSTAND Cost, \$121,212.
TANFORD RACE TRACK, San Mateo County.
Steel frame and wood grandstand (5000 seats).

Owner—Pacific Coast Jockey Club, Howard Spreckels, Sec., 913 First National Bank Bldg., S. F.
Architect—A. Apparth, Claus Spreckels Bldg., S. F.
Contractor—Clinton Constr. Co., 923 Folsom St.

Note—The contract was previously awarded to Grace & Bernieri, the lowest bidder.

Plans Being Prepared.
PLANT Cost, \$260,000.
STOCKTON, San Joaquin Co., Cal. 4½ acre tract at jctn. of Main Channel and Mormon Slough.

Fireproof pre-cooling plant.
Owner—Terminal Cold Storage and Warehouse Co.
Architect—N. E. MacLean, 16 California Street, San Francisco.

Contract Awarded.
OFFICE BLDG. Approx. \$80,000.
SAN FRANCISCO, NW 5th & Clement St.

Two-story class "C" office and loft building 75x175 ft.
Owner—Lurie Co., Mills Bldg.
Architect—C. E. Brown, 240 Montgomery Street.

Lessee—Fobes Supply Co., 523 Mission.
Contractor—Meyer Bros., 3226 Geary St.
The elevator work was awarded to V. A. Sloan Bldg. & C. Co.

Plans Being Figured.
CANNERY BLDG. Cost, \$200,000.
SAN PEDRO, S. of South of Market.
One-story class "C" cannery bldg.
Owner—Withheld.
Architect—O'Brien Bros., 240 Montgomery Street, S. F.

Figures To Be Taken Shortly.
FACTORY Cost, \$80,000.
SAN FRANCISCO, NE Second and Brannan Streets.
Two-story and basement Class C factory building.
Owner—Los Angeles Soap Co.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.

Plans Being Prepared.
WAREHOUSE Cost, \$100,000.
SACRAMENTO, Cal., 3rd and Q Sts.
One-story & basement reinforced concrete warehouse.
Owner—Lindley & Co.
Architect—Dean & Dean, Library Bldg., Sacramento.

Contract Awarded.
WORK SHOP Cost, \$17,272.
SACRAMENTO, 211 Front Street.
Two-story brick sheet metal works shop.
Owner—Latourette-Fical Co., 917 3rd St., Sacramento.
Contractor—Wm. Murrell, 527 Ochser Bldg., Sacramento.

Plans Being Made.
BAKERY Cost, \$80,000.
Of which \$20,000 is for equipment.
FRESNO, Fresno Co., Cal. SE Van Ness Ave. and California St.
Two-story brick and steel bakery, 80 by 150 ft.
Owner—Sunshine Bakeries Co., E. Morris, President, 2020 Fresno St., Fresno.
Architect—Not Stated.

Plans Being Figured.
LOFT BLDG. Cost, \$100,000.
LOS ANGELES, L. A. Co., Cal., Washington St. East of San Pedro St.
Four-story class A loft building.
Owner—Scully Bros., 743 Santee St., Los Angeles.
Architect—John M. Cooper, Marsh-Strong Bldg., L. A.

SANTA BARBARA, Cal.—Santa Barbara Telephone Co. applies to the railroad commission for permit to issue bonds to the sum of \$100,000 for extensions and improvements to its local telephone system. Daniel A. Sattler, genl. mgr.

SEBASTOPOL, Sonoma Co., Cal.—Western Apple Vinegar Co., McKinley St., Sebastopol, has purchased property adjoining the present plant and will erect dehydrator early in 1923.

SPRINGFIELD, Ore.—The Carbo-Nium Wood Products Co., Portland, Ore., has purchased a site and will erect a wood treating plant. Geo. J. Lebeck, Eugene, Ore., lumber dealer, is manager of company with office in the First National Bank Bldg., Eugene.

LOS ANGELES, Cal.—Board of Harbor Commissioners approve plans for a large coal bunker and lighterage plant to cost approx. \$500,000, at the harbor. Work on the plant to be located on Pier 1 on the west side of the main channel will be started on a short time by the Marine Transportation and Fuel Co. It is proposed to bring the coal from the Utah fields over the Santa Fe lines.

FULLERTON, Cal.—Placentia Orange Growers Assn. plans to erect a pre-cooling and refrigerating plant on East Commonwealth Ave. Est. cost, \$150,000. A. Fritchard, mgr.

OROVILLE, Butte Co., Cal.—Mt. Ida Packing Co., Railroad Ave., Oroville, authorized by State Corporation Department to increase its capital stock from \$100,000 to \$250,000, to provide increase facilities at the present plant.

FRESNO, Fresno Co., Cal.—Williams, McAllister and Weber, auto sales agts., have purchased a two-story class B building at n.e. corner of Mono and Van Ness Ave. and will add one story to the structure costing \$50,000.

SAN PEDRO, Cal.—Shell Oil Co. has leased 5 acres on Mormon Island from the city. The Shell Co. has asked for a permit for wharf, etc., and will expend considerable money on construction work at the site.

MODESTO, Stanislaus Co., Cal.—J. S. West and N. S. West, 709 9th St., and Leslie High, all of Modesto, Cal., erect a \$30,000 ice plant on a site yet to be selected.

PORTLAND, Ore.—Southern Pacific Co. will erect corr. iron machine shop, 40 by 60 ft., and car repair shed 11 by 62 1/2 ft.; est. cost, \$50,000.

TONOPAI, Nevada—James K. Oldham of Kansas City, leading stockholder of the Wellington Mines Co. of Breckinridge, Colo. is in Denver to arrange for the construction of a 30-ton cyanide mill on the property of the Bellehelen Merger Miner Co. Work has been started on a 3000-ft. pipe line to furnish water for milling and domestic purposes and contracts have been placed for hauling 225 tons of machinery and building material.

FLATS

Plans Completed
FLATS Cost, \$29,000
SAN FRANCISCO, S. Filbert 126-3 E. Scott.
Three-story and basement frame flat.
Owner—Dr. Olav Kaarbo and E. A. Trinkle 909 Hyde St., S. F.
Architect—Wm. Gladstone, 806 Mission Ave., San Francisco.

Plans Completed.
REPAIR SHOP & FLAT Cost, \$10,500
SAN FRANCISCO, S. Kearny 10 E. Blake.
Two-story concrete auto repair shop and flat.
Owner—Thos. Hamill, 6110 Geary St.
Architect—John J. Foley, 770 5th Ave.

Figures To Be Taken in a Week
GARAGE Cost \$17,000
SAN FRANCISCO, SW. Fell and Gough Streets
Two-story reinforced concrete class B garage 19x120.
Owner—Louis R. Lurie Co.
Lessee—Pacific Telephone & Telegraph Company.
Architect—O'Brien Bros., 240 Montgomery Street.

To Be Done by Day's Work.
FRAME FLATS Cost, \$13,000
SAN FRANCISCO, NE Second Ave. and Anza St.
Two-story and basement frame flats.
Owner & Architect—E. Blauekenburg, 105 Montgomery St., San Francisco.

Contract Awarded.
FLATS Cost, \$10,000
OAKLAND, N. E-15th St. 75 W. 7th Ave.
Two-story 12-room frame flats.
Owner—D. & J. Maher, 1229 E-15th St., Oakland.
Contractor—T. M. Tupper, 2310 Russell St., Berkeley.

To Be Done By Day's Work.
FLATS Cost, \$28,000
SAN FRANCISCO, S. Oak 168 and 199-6 W. Octavia St.
Two-story and basement frame flats (4 in each).
Owner—P. Algot Nelson, 205 Eureka St., San Francisco.
Architect—C. O. Clausen, 1126 Hearst Bldg., S. F.

Ready for Figures December 27.
FLATS Cost, \$12,500
SAN FRANCISCO, Arguello Blvd. near Sacramento.
Two-story frame flats (2 6-room).
Owner—Adolph Judell.
Architect—H. C. Baumann, 231 Kearny.

GARAGES

Ready For Figures Wednesday.
GARAGE Cost—
SAN FRANCISCO, S. Stevenson St. bet. Becker and Second Sts., running through to Jessie St.
Two-story and basement reinforced concrete garage and service station (300 cars) 150 ft. on Stevenson and 130 ft. on Jessie.
Owner—Stevenson Garage, Inc.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Bids will be taken for a general contract.

Plans Being Prepared.
GARAGE Cost, \$50,000
FRESNO, Fresno Co., Cal. E. Street.
One-story pressed brick garage.
Owner—Herringshaus Estate.
Lessee—Waterman Bros., Fresno.
Architect—Eugene Mathewson, Cory Bldg., Fresno.

Bids To Be Called for Next Week.
EXTENSION Cost, \$60,000
SAN FRANCISCO, No. 130 Turk Street.
Two-story reinforced concrete extension to garage.
Owner—Ties, McDevall & Co. (Garage Co.) 150 Turk.
Architect—Jas. L. Stewart, 610 S. S. Bldg., San Francisco.

REIDLEY, Fresno Co., Cal. bids to erect one-story brick building for garage for Savatier and Bright.

STOCKTON, San Joaquin Co., Cal.
Saturn Bldg., Stockton, have had plans prepared for a two-story and basement fireproof garage and autosales room to be erected at South Hunter and Market streets; estimated cost, \$30,000.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Following bids by Supervising Architect, Treasury Department, D. C., for changes in Oakland Club, postoffice, George E. Wright, Inc., Chicago, \$3820; Oakland Bldg. and Mortgage Co., Oakland, \$2750; Chas. E. Morrill, Jr., Worcester, Mass., \$5000; Alfred H. Vogt, San Francisco, \$4280.

WASHINGTON, D. C.—As previously reported bids will be received by Bureau of Yards and Docks, Navy Department, until Jan. 23, 11 a. m., under spec. No. 4735 for refrigerating and ice-making equipment. Spec. provides for equipment using as refrigerant any satisfactory substance except ammonia, and consisting of two motor-driven compressors, condenser, liquid receiver, two motor-driven brine pumps, a motor-driven circulating water pump, a combination freezing and brine-feeding tank with expansion coils, a water pre-cooler tank with coils, a pressure filter, brine cooler, water adding system by compressed air, automatic ice filler, hand operated crane, automatic can turn and ice chute, ice cans, oil and seal, trans, piping and other accessories. Also brine piping for existing cold storage rooms and cook's boxes, and the construction of an ice storage room in the subsistence building at the naval operating base hospital, Pearl Harbor, T. H. Drawings and specification No. 4735 may be obtained on application to the commandant, navy yard, Mare Island, Calif., or to the commandant, naval operating base, Pearl Harbor, T. H. Deposit of a check or postal money order for \$10, payable to the chief of the bureau of yards and docks, is required for return of drawings and specifications.

SAN FRANCISCO—Word was received from Washington by the United Press that all bids for the U. S. Veterans' Hospital to be erected at Sausalito more have been rejected on account of being over the estimate. According to the report new bids will be called for immediately. Matthew O'Brien, 68 Post St., S. F., is the architect.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, circulating specifications for following improvements, further mention of which will be made in these columns when bids are desired:

Spec. 1765, San Diego, Cal., Marine Corps base, constructing 2 barracks.
Spec. 1767, Pearl Harbor, H. T., re-building machinery.
Spec. 1768, San Diego, Cal., water-cleaning equipment.
Spec. 1769, Guantanamo, Cuba, distilling apparatus and heaters.
Spec. 1770, San Diego, Calif., destroyers, base point and oil storeroom.
Spec. 1771, Pearl Harbor, H. T., constructing bins at coaling plant.

STOCKTON, San Joaquin Co., Cal.—Reconstruction has been made to the Supervising Architect's Office, Treasury Department, Washington, D. C., to construct two wing additions to the present Stockton Post Office; estimated cost, \$150,000.

WASHINGTON, D. C.—Until Jan. 9 bids will be rec. by Bureau of Supplies and Accounts, Navy Department, for furnishing Mare Island, Calif., Navy Yard with 10,000 ft. garden hose, under Schedule No. 329 and 30 storage batteries under Schedule No. 382.

SEALED PROPOSALS will be opened in this office at 3 p. m., January 11, 1923, for painting, plastering, at the U. S. Post Office, Portland, Oregon, in accordance with the specification, copies of which may be had at this office or at the office of the Custodian, in the discretion of the Supervising Architect, at 1005 Wetmore, Acting Supervising Architect.

HALLS AND SOCIETY BUILDINGS

Working Drawings Ordered.
CLUB BLDG. Cost, \$60,000
SAN DIEGO, San Diego Co., Cal.
Three-story reinforced concrete lodge building.
Owner—Samoset Tribe of Redmen.
Architect—Chas. E. Perry Jr., 514 Main St., Vallejo.

Plans will be completed in about three months.

Working Drawings Completed.
CLUB HOUSE Cost, \$15,000
PARLER, Fresno Co., Cal.
Two-story brick club house, 150x150 ft. Owner—American Legion, Parler.
Architect—Swartz & Ryland, Rowell Bldg., Fresno.

Building will contain library, 20x21 ft.; committee and rest rooms; community hall, seating 500.

Plans Being Prepared.
CLUB BLDG. Cost, \$175,000
SANTA ANA, Orange Co., Cal. Church and Synagogue Sts.

Three-story and basement Class A club building, 110x120.
Owner—Y. M. C. A.
Architect—Frederick H. Eley, Santa

Plans will be ready for figures about Feb. 1st.

Preliminary Plans Prepared.
CLUB BLDG. Cost, \$1,000,000
SAN FRANCISCO, S. Post St. W. Powell
Seven-story Class A club building to be known as "Women's City Club."
Owner—National League for Woman's Service.
Architect—Willis Polk, Hobart Bldg., San Francisco.

NORTH BEND, Ore.—M. W. Payne, North Bend, at \$42,818 awarded contract to erect 3-story lodge hall for I. O. O. F., Arago Lodge No. 28, from plans of Architect Tourtellotte and Hummel, Portland. Plans were awarded to E. J. Eberhart, \$2012; heating to Chas. D. Snyder, \$3840; electric work to Marshfield Electric Co. \$547.

OAKLAND, Cal.—The Business Women's Professional Club has purchased a lot on the east side of Webster St. between 14th and 19th streets and will erect a club building.

POSITION WANTED—Young man experienced in manufacturing sheet metal products seeks an opening in building sheet metal work, doors, heating and ventilating; irrigation work; tanks and specialties; estimator. Able to design products and organize plant. Can furnish best of references. Address "Engineer" Building and Engineering News, 560 Mission Street, San Francisco.

HOSPITALS

Plans Being Figured.
HOSPITAL Cost, \$300,000.
HOLLYWOOD, Los Angeles Co., Cal.
 Vermont Ave. near Sunset Blvd.
 Five-story reinforced concrete hospital
 192x40 with wing, 60x40.
 Owner—Hollywood Hospital Ass'n.
 Architect—Robt. H. Orr, 1305 Van Nuys
 Bldg., Los Angeles.

BAKERSFIELD, Kern Co., Cal.—Bids
 were received on December 13 by the
 Kern County Board of Supervisors, for
 the construction of four reinforced
 concrete and hollow tile hospital build-
 ings with tile roofs and connecting
 tunnels, etc. Plans were prepared by
 Architect Charles H. Biggar, 405 Bank
 of Italy Bldg., Bakersfield. The bids of
 William G. Reed, of Long Beach, and
 K. E. Parker Co., San Francisco, were
 taken under advisement until Dec. 26.
 Bids were taken on the following propo-
 sitions: (1) general contract—all work
 complete except plumbing, heating and
 ventilating, electric work, elevators,
 painting, refrigeration plant and boxes,
 and kitchen equipment; (2) excavating,
 grading and filling; (3) plumbing; (4)
 heating and ventilating; (5) electric
 work; (6) elevators; (7) painting; (8)
 alternate proposals for cement concrete
 brick as per samples submitted by man-
 ufacturers; (9) refrigeration plant and
 boxes; (10) kitchen equipment; (11)
 laundry machinery.

Wm. G. Reed, Long Beach, Item No. 1
 \$174,000.
 Painting complete add \$22,412, if
 common brick, etc., omitting No. 4
 and tanks, \$427,000; price per cu.
 yd. excavating \$1.50; price per cu.
 yd. excav. conc. in foundation \$13.50;
 bond \$55,000.

K. E. Parker Co., S. F., Item No. 1,
 \$565,800.
 (2) \$22,000, (3) \$24,000 (4) \$15,000.
 (5) \$20,000, (6) \$6500, bond \$60,000.

Currie & Dulger, Bakersfield, Item No. 1,
 \$544,573.
 If No. 4 is omitted deduct \$20,000;
 price cu. yd. ex. excav. \$1.00; price
 cu. yd. ex. concrete in foundation
 \$21; bond \$60,000.

Anton Johnson Co., Kingsburg, Item
 No. 1 except work listed, \$575,000.
 If common brick, etc. deduct \$16,-
 095; price cu. yd. ex. excav. \$1.30;
 price cu. yd. ex. concrete in founda-
 tion \$25; omitting foun. of power
 house deduct \$14,345; omitting ex-
 cavating & filling \$37,986; bond
 \$60,000.

Frederickson & Shannon, Fresno, Item
 No. 1 except following deductions
 \$584,700.

Alternate: "A" deduct \$20,000, "C"
 deduct \$33,000, "D" deduct \$2600;
 price per cu. yd. ex. excav. \$.80;
 price per cu. yd. ex. concrete in
 foundation \$15; bond \$35,000.

Heating and Ventilating

Frank Davidson\$29,440
 B. A. Newman & Co., Fresno..... \$1,955
 L. Z. Brown, Los Angeles..... \$5,544
 Bakersfield Sheet Metal Wks. \$5,852

Plumbing, Heating and Ventilating

Burnham Plumbing Co., 1220 Webster
 St., San Francisco, \$63,975.
 If Crane Co.'s fixtures are used
 deduct \$1000; if water service con-
 nections above ground floor of
 tower are omitted, etc. deduct \$420.

Plumbing

Bakersfield Plumbing Co. (using Nel-
 sons fix.) \$24,806
 (using Mottis fix.) \$36,557
 (mirrors add \$1400)
 Proposal No. 2 \$16,081, No. 3, us-
 ing Nelsons fix \$17,918; using Mottis
 fix. \$19,669; Proposal No. 4 deduct
 \$807, No. 5 deduct \$250.
 Daly Plumbing Co., Bakersfield \$38,885
 Omit all fixtures \$17,576; for all
 fixtures specified and labor and
 materials for setting same \$20,832.

Wm. J. Colson, Bakersfield, bid No. 1
 \$79,116.08, (2) \$19,484.72, (3) \$76,-
 062.71, (4) \$77,520.93, (5) \$77,481.08,
 (6) \$74,347.71.

Electrical Work

Newbery Elec. Co., Los Angeles \$19,562
 Price per ft. for connections with
 Power Co.'s lines \$1.75.

Kern Valley Elec. Co., Bakersfield,
 \$24,360.

Underground service \$2.20 per ft.

Painting

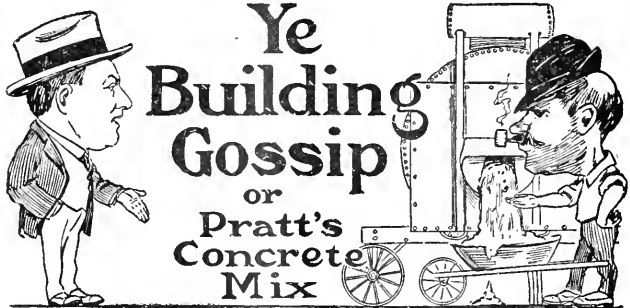
D. Zelinsky & Sons, S. F.....\$18,850

Commissioned to Prepare Plans.
LODGE BLDG. Cost, \$80,000 to
 \$110,000.
VENTURA, Ventura Co., Cal.
 Two or three-story masonry lodge
 building.
 Owner—Ventura Elks Lodge.
 Architect—Alfred Priest, 119 Fay Bldg.,
 Los Angeles

REDDING, Shasta Co., Cal.—Shasta
 County Grand Jury in its final report
 recommends that supervisors proceed
 at once with construction of wing to
 county hospital and remodel same to
 provide additional exits; remodel the
 ward at the hospital.
 county jail and construct an insane

Bids to Be Asked Immediately.
HOSPITAL Cost, \$—
MERCED, Merced Co., Cal., Twenty-
 eighth St. and Huffman Ave.
 Hollow tile or frame and stucco
 hospital (25 bed capacity).
 Owner—Mercy Hospital Association.
 Architect—Ira W. Hoover, Placinda,
 (41912) 1st report Apr. 8; 6th Nov. 27.

Bids To Be Called for Next Week.
HEALTH CENTER BLDG. Cost, \$30,000
ALAMEDA, Alameda Co., Cal., S. Santa
 Clara between Oak and Walnut Sts.
 One-story reinforced concrete health
 Center building.
 Owner—City of Alameda.
 Architect—Carl Werner, Santa Fe Bldg.,
 San Francisco.



THIS TIME of the year.
 ALWAYS BRINGS back memories.
 TO CLARENCE Sand Pratt, President.
 OF THE Pratt Building Material Co.
 DOUGLAS 300—"easy to remember."
 BECAUSE WHEN Sandy (alias
 Clarence).
 WAS A small boy.
 IN THE wonder city, "Tulare."
 HE ALWAYS enrolled.
 IN A Sunday school class.
 ABOUT NOVEMBER 1st of each year.
 HIS ATTENDANCE was fair.
 DURING NOVEMBER.
 BUT IN December.
 IT WAS always 100%
 BECAUSE EACH child.
 THAT WAS on the roll.
 RECEIVED at the Christmas tree.
 A BAG of candy.
 BESIDES A personal interview.
 WITH SANTA Claus.
 AND IN those days.
 THERE WERE few Santies.
 IN FACT, Clarence understood.
 THAT THERE was but one.
 IN THE entire Santa Claus family.
 AND THAT Santy.
 HAD TO visit every home.
 IN THE whole world.
 ON CHRISTMAS Eve.
 SO CLARENCE Sand Pratt figured.
 THAT THE Methodist Church.
 WAS THE surest place

TO SEE Santa Claus.
 AND BESIDES every Sunday school
 child.
 RECEIVED A bag of candy.
 HALF FULL, however.
 OF PINK and white pop corn.
 SO SANDY Pratt.
 SELLER OF clean, sharp sand.
 FOR EVERY purpose.
 CAN LOOK back with pride.
 TO HIS 100% attendance.
 AT SUNDAY school.
 DURING EACH December.
 OF HIS young life.
 "I THANK you."



The above picture shows Clarence
 Sand Pratt in his early youth telling
 one Anna Briggs how to please Santa
 Claus and win one bag of candy at the
 Sunday school Christmas Tree.

WASHINGTON, D. C.—The following is a partial list of the bids received on December 18th by the Director, U. S. Veterans' Bureau, Arlington Building, Washington, D. C. for the construction of 23 reinforced concrete buildings of the U. S. Veterans' Hospital at Livermore, Calif. Plans were prepared by Architect Matthew O'Brien, 63 Post St., San Francisco:

General Construction
 Jas. Walsh, 601 Wells-Barco Bldg., San Francisco\$1,559,800
 Robert Trest, S. F.1,770,723
 Hannah Bros. &
 C. L. Wold, S. F.1,784,156
 Lange & Bergstrom, S. F.1,881,495
 Clinton Const. Co., S. F.1,970,000
 I. M. Sommer & Co.2,225,000

Heating, Ventilation & Plumbing
 Laturrette-Pical Co. Sacto.\$257,200
 Turner Co., San Francisco355,000
 James Smith, Spokane358,000
(Combination Bid) Heating, Ventilation, Plumbing, Refrigerating Plant, Kitchen and Laundry Equipment, and Electrical Work
 Turner Co., San Francisco\$580,000

Electrical Work
 F. E. Newberry, Lick Bldg., S.F. \$181,137
 Laturrette-Pical Co., Sacto.185,200
 Turner Co., San Francisco186,000

Refrigerating Equipment
 Cyclops Iron Works\$18,516.00
 Automatic Refrigerating Co., San Francisco20,985.00
 Vulcan Iron Wks., S. F.21,030.92

Kitchen Equipment
 Lawrence Eller Brock, Baltimore\$36,800
 Mangrum & Otter, S. F.39,018

Laundry Equipment
 Troy Laundry Machine Co., Mission St., San Francisco\$23,381
 American Laundry Machinery Co., San Francisco23,771

HOTELS

Contract Awarded.
HOTEL Cost, \$245,000
ARROWHEAD, San Bernardino Co., Cal. Lake Arrowhead.
 Three-story and basement frame and plaster hotel, 175x15 feet with two wings 150x32 each.
 Owner—Withheld.
 Architect—Swasey & McAfee, 1017 Hibernian Bldg., Los Angeles.
 Contractor—Atwood Const. Co., "B" St., San Bernardino, Cal.

Commissioned to Prepare Plans.
HOTEL Cost, \$250,000
PETALUMA, Sonoma Co., Cal.
 Four-story steel frame, reinforced concrete on brick hotel (600 rooms).
 Owner—Petaluma Hotel Co.
 Manager of Constr.—Frederick Whitton, 251 Kearny St., San Francisco.
 Mr. Whitton will prepare plans and supervise construction. No general contract will be awarded, segregated figures will be asked by Mr. Whitton on all portions of the work.

SCOTIA, Humboldt Co., Cal.—The Pacific Lumber Co., H. E. Crawford, Manager, will construct a 35-room addition to the present company hotel; estimated cost, \$40,000.

CORVALLIS, Ore.—The Geo. A. McKenna Syndicate, Portland, Ore., has entered into contract with Corvallis Chamber of Commerce to erect a \$200,000 hotel in this city; money to be raised by subscription. M. S. Woodcock, president, First National Bank of Corvallis, is interested.

PUBLIC BUILDINGS

SAN FRANCISCO.—State Supreme Court has reversed order of State Railroad Commission directing the S. P., the Atchison, Topeka and Santa Fe Ry., and the Los Angeles, Salt Lake Rd. Co. to build a ferry terminal in Los Angeles. Court holds that the state commission lacked jurisdiction.

PORTLAND, Ore.—Rounds-Clist Co., Seattle, at \$103,463 awarded contract by State Board of Control to construct group of buildings at E-8th Sts., for Oregon Employment Institution for the Blind. Fox & Co., Portland, at \$25,500 awarded contract for plumbing and

heating, houghtaling & Dougan, Elks Bldg., Portland, crockets. Work includes 2-story 42x150 ft. administration bldg.; men's dormitory, 2-story 60x170, w/ kitchen, 63x100 ft., 1-story; and power house and laundry, 32x72 ft., 1-story all brick construction.

STOCKTON, San Joaquin Co., Cal.—City Council plans erection of new firehouse at Stanislaus and Lindsay Sts., approx. 60 by 140 feet. Construction will be started early in 1923. A. L. Banks is City Clerk.

MERCED, Merced Co., Cal.—Civic organizations have started movement to secure erection of municipal auditorium; proposed to raise funds by bond issue or private capital. A structure costing about \$50,000 is planned.

DINUBA, Tulare Co., Cal.—City Trustees vote to purchase 1,000 acycomotes to plant in various sections in the city. The purchase will be made on recommendation of the City Planning Commission.

COALINGA, Fresno Co., Cal.—City trustees plan erection of frame and stucco bungalow type city hall at 4th and E Streets.

SACRAMENTO, Sacramento Co., Cal.—A contract has been awarded to the California Artistic Metal and Wire Co., 365 7th St., San Francisco, at \$90,800 by Geo. B. McDougall, State Architect, Chief Division of Architecture, for the complete ornamental and misc. iron and bronze work, for the Sacramento State Buildings, i. e., the Library and Courts buildings and the Office building in Sacramento.

RESIDENCES

Contract Awarded.
RESIDENCES Cost, \$20,100
SAN FRANCISCO, St. Francis Wood Extn. No. 1 Lots 13, 14 and 15 Block 4.
 Three 2-story frame residences.
 Owner—St. Francis Home Building Co.
 Architect—H. H. Gutterson, 278 Post Street, S. F.
 Contractor—Mangels Bros., 4792 Mission St., S. F.

Sketches Being Prepared.
RESIDENCE Cost, \$10,000
OAKLAND, Alameda Co., Cal. Wildwood Gardens.
 One-story frame and plaster residence.
 Owner—Hamilton Weeks.
 Architect—W. H. Weeks, 369 Pine St., San Francisco.

SCHOOLS

Commissioned to Prepare Plans.
COLLEGE BLDGS. Cost, \$—
OAKLAND, Alameda Co., Cal. Fifty-ninth Avenue.

Owner—Jillville League.
 Architect—Wm. H. Ratcliffe Jr., First National Bank Bldg., Berkeley.
 Mr. Ratcliffe Jr. was selected as College Architect on December 15th at the meeting of the Board. He will prepare the plans according to the sketches made by Architect Maybeck in 1917. Construction will not be started until the Fall of 1923.

Plans Being Figured—Bids Close Jan. 3, 1923, 9 A. M.
SCHOOL Cost, \$84,000
LOS ANGELES, Los Angeles Co., Cal. Humphreys Ave. and Fifth St.
 Two-story 12-room brick school.
 Owner—Los Angeles Board of Education.
 Architect—Walker & Eisen, Pacific Finance Bldg., Los Angeles.
 (44518) R 13

Bids will be taken separately on general contract, plumbing, painting, heating and electric wiring.

Plans Approved—Bids Ordered Advertised.
ADDITION Cost, \$40,000
SACRAMENTO, Washington School.
 Concrete and brick addition to school.
 Owner—City of Sacramento.
 Architect—F. A. S. Foale, Ochsen Bldg. Sacramento.

Plans Being Re-Figured—Bids Close Jan. 3, 5 P. M.
SCHOOL AUDITORIUM, ETC. Cost, \$250,000
LODI, San Joaquin Co., Cal.
 Two-story Science building; two-story Auditorium and one-story Manual Training buildings (brick, steel and concrete Class C construction) and construction of swimming tank and alterations to present buildings. (All buildings have pressed brick exterior).
 Owner—Lodi Union High School District.
 Architect—Wright & Satterlee and L. S. Stone, Bank of Italy Bldg., Stockton.

Contract Awarded.
SCIENCE HALL BLDG. Cost, \$148,550
SANTA CLARA, Santa Clara Co., Cal.
 Three-story reinforced concrete Science Hall building.
 Owner—University of Santa Clara. Rev. Father Maher, S. J., president.
 Architect—J. J. Donovan, Pacific Bldg. Oakland.
 Contractor—J. S. Sampson Co., Monadnock Bldg., S. F.

Bids To Be Advertised.
SCHOOL Cost, \$40,000
HOLLISTER, San Benito Co., Cal.
 Three-room frame and plaster school.
 Owner—Pacheco School District.
 Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
 Bids will be called for a general contract.

Bids to Be Asked Shortly.
SCHOOL Cost, \$40,000
SISSON, Lassen Co., Cal.
 Eight-room reinforced concrete grammar school.
 Owner—Sisson Grammar School Dist.
 Architect—G. H. Wilson, Dunsmuir.

General Contract Awarded.
SCHOOL Cost—
SANTA BARBARA, Santa Barbara Co., California.
 One and two-story and basement reinforced concrete high school.
 Owner—Santa Barbara High School.
 Architect—E. J. DeGarte, architect, San Francisco, and Roland F. Sauter, and E. Keith Lockard, 338 San Marcos Bldg., Santa Barbara.
 The general contract has been awarded to J. Y. Parker, 34 Milpas St., Santa Barbara at approx. \$375,000.

LOS ANGELES, Cal.—Arch. Norman F. Marsh, 211 Broadway Central Bldg., L. A., has completed plans for an assembly room to be erected at Jefferson school. It will be of brick construction with plaster exterior to harmonize with the present bldgs. and will cost \$125,000. The board of education will advertise for bids shortly.

BERKELEY, Alameda Co., Cal.—California School for Deaf and Blind seeks \$554,000 in budget for coming year to finance repairs and erection of new buildings. A \$120,000 structure for the blind and a \$30,000 primary building is proposed.

OAKVALE, Kings Co., Cal.—Otto Johnson, Kingsburg, at \$94,650 awarded contract by Oakvale School District to construct school for Oakvale School District. Other bidders: C. Nelson, Hanford, \$9,599; Brown & Stewart, Hanford, \$8,815; A. L. Virelle, Hanford, \$9,898. J. R. Henderson, Architect, Tulare.

HANFORD, Kings Co., Cal. — Until Jan. 3, 7:30 P. M., bids will be received by C. W. Armistead, clerk Hanford Union High School District, for (1) furnishing material, digging and filling trenches and installing underground sprinkling system on school grounds; (2) bid for material delivered at high school; (3) bid for digging and filling trenches. Spec. obtainable from Cotton & Co. Bldg., 628 Cal. Bldg., San Francisco. See call for bids under official proposal section in this issue.

INDEPENDENCE, Inyo Co., Cal. — Until Jan. 2, 7:30 P. M., bids will be received by C. J. Walters, clerk, Owens Valley Union High School District, for fur and install school desks; domestic science equipment; physics room furniture; lockers; auditorium chairs; teachers desks and window shades. See call for bids under official proposal section in this issue.

HANFORD, Kings Co., Cal.—Until Jan. 8, 7:30 p. m., bids will be rec. by G. W. Armistead, clerk, Hanford Union High School District, to construct a one-story and one-half gymnasium bldg. Bids will be taken as follows: (1) erect gymnasium, (2) plumbing and heating for same. Coates and Travers, archts., 626 Rowell Bldg., Fresno. See call for bids under official proposal section in this issue.

FRESNO, Fresno Co., Cal.—Fresno Board of Education will purchase from county a 20-acre site near the Fresno county hospital on which it is proposed to erect a new high school.

REEDLEY, Fresno Co., Cal.—V. G. Johnson, Reedley, at \$4,100 awarded contract by Reedley Joint Union High School District to construct temporary frame gymnasium building for high school.

TUCSON, Ariz.—Architects Lyman & Place, 79 N. Stone Ave., Tucson, are completing plans for a Class A high school building, three stories, 200x300 ft., to be erected in Tucson for city high school bldg. Plans will be ready about January 10. Building will cost \$600,000 and will have concrete foundation, brick and terra cotta exterior, tile and composition roof, high interior trim, hardwood floors, hot air heating, water heater, fire-proof doors and windows, metal skylights, structural steel, reinforced steel, metal bath, refrigerators, marble work, oil burners, fireproof vaults, ornamental iron, staff work, motors.

HANFORD, Kings Co., Cal.—Until January 8, 7:30 p. m., bids will be rec. by G. W. Armistead, clerk, Hanford Union High School District, for fur, trees, shrubbery, etc., for planting at high school grounds. Copies of nursery stock desired may be had from Cotton & Co., Inc., 628 Call Bldg., San Francisco. Bids may be submitted on the entire list of one or more items.

CHINO, San Bernardino Co., Cal.—North Pacific Constr. Co., Baker-Deweller Bldg., Los Angeles, was awarded the general contract at \$14,200 for erecting new school building on D St., Chino, for Chino school district. Other contracts awarded were: Painting to Alhambra Wall Paper & Paint Co. at \$1664; electric work to Pomona Fixture & Wiring Co. at \$750. The bids for heating were rejected and new bids will be taken next spring. Clarence P. Day, Pasadena, was awarded the general contract at \$13,400 for erecting the Second Street school. Other contracts were: Painting to Alhambra Wall Paper & Paint Co. at \$1575; wiring to Pomona Fixture & Wiring Co. at \$1000; plumbing to O. L. Cassidy at \$3700. The bids for heating were rejected. John C. Austin, 1125 Baker-Deweller Bldg., and Geo. M. Lindsey, Glendale, associate architects.

VENTURA, Ventura Co., Cal.—Davidson Constr. Co., 1145 E. 16th St., was low bidder at \$22,530 on general contract for erecting a new grammar school bldg. at Ventura, L. C. Rudolph Ventura, was low bidder at \$8300 on general contract for kindergarten school bldg. at Ventura. The other contracts were: Arthur Hess on plumbing for grade school at \$4088 and Ventura Hardware & Plumbing Co. on kindergarten school bldg. at \$1091; Potter Rad. Co. on heating grade school at \$2983 and Pie Rad. Co. on kindergarten at \$400; International Plumbing Co. on Alhambra Wall Paper & Paint Co. on painting at \$2945. The grammar school will contain 8 class rooms, 1-story, 164 x130 ft. bldg. on one side, studio, canteen, the roofing, line trim. The kindergarten bldg. will contain 2 rooms and will be frame and plaster construction with the roofing.

TULARE, Tulare Co., Cal.—Until Jan. 8, bids will be received by the Tulare High School Trustees for construction of new gymnasium and addition to the school garage. The additions to the garage will consist of a shoproom, battery room, and lecture room with platform. Cost of the additions and remodeling is \$12,000. Schwartz & Ryland, Fresno, are the architects.

SANGER, Fresno Co., Cal.—Chamber of Commerce backs movement to call election to vote bonds to finance construction of a new high school, the cost of which is yet to be determined.

BERKELEY, Alameda Co., Cal.—Until Dec. 29, 4 p. m., bids will be rec. by Clyde E. Blanchard, secretary Board of Education, 2133 Allston Way, to install heating and ventilating equipment in Longfellow school, Ward and Elby Street, Wm. C. Hays, architect, First Natl. Bank Bldg., San Francisco. See call for bids under official proposal section in this issue.

CHINO, San Bernardino Co., Cal.—Architects John C. Austin, 1125 Baker-Deweller Bldg., Los Angeles, and Geo. M. Lindsey, Glendale, associated, are preparing working drawings for an auditorium and classroom building to be erected at Chino high school. It will contain an auditorium to seat 600, designed for a future balcony to seat 250, two class rooms, superintendent's offices, rest rooms, library, and domestic science department. Dimensions, 40x90 ft. and 60x90 ft., reinforced concrete walls, plaster exterior, tile roofing. Cost, \$90,000.

OAKLAND, Cal.—Until Jan. 2, 4 p. m., bids will be received by John W. Edgecort, secretary Board of Education, 1104 City Hall, for fur. certain school furniture required for period commencing July 1, 1922 and ending June 30, 1923. Spec. will be furnished by secretary on request.

FRESNO, Fresno Co., Cal.—Brown & Staff, 401 N. Madera, at \$62,000 awarded contract for general construction of Central Union High School, the contract covering brick work, carpentry, concrete work, re-inforced structural steel, mill work, ornamental iron, blackboards, glazing, toilet partitions, septic tanks and sheet metal work. Other contracts let follow: Electric work, telephones & clock wiring, Clark Construction Co., \$4993; plastering, modeling, lathing, Matt Summers, \$14,859; painting, Joe Stretetto, \$3275; Patent and Tile roofing, Fresno Paint Co., \$2650; plumbing and heating, Newman Co., \$15,628; finish hardware, Fresno Hardware Co., \$2129; program clocks, Pacific Clock Co., \$750; Total \$104,420. Coates and Traver, architects, Rowell Bldg., Fresno.

REEDLEY, Fresno Co., Cal.—Until Jan. 8, 3 p. m., bids will be received by Marion Deneen, clerk, Reedley Joint Union High School District, for fur. 178 sq. ft. of red granite cut in quarry, cyclorama. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Davidson Construction Co., 1445 E. 16th St., L. A., awarded the gen. contr. at \$84,868 for erecting shop and cafeteria bldgs. at Roosevelt junior high school site. Hunt & Burns, 701 Laughlin Bldg., L. A., archts. Other contracts let were: Heating to Franklin & Boyce at \$3575; plumbing to F. J. Donnelly at \$7300; painting to E. A. Lindgreen at \$4200; and burner and blow pipe system to Arthur Hess at \$1816. The cafeteria bldg. will be 60x130 ft. frame and plaster construction, comp. roofing. Manual arts bldg. will be 2 stories 60x121 ft., brick constr., plas. ext., steel columns and girders, steel sash, etc.

TUCSON, Ariz.—Regents of the University of Arizona have approved plans to build library bldg. on the campus of the university. The project will cost between \$150,000 and \$175,000 and is being promoted by the U. S. veterans' bureau in connection with the veterans field training under the vocational program. John H. Campbell, chancellor of the University.

SANTA BARBARA, Santa Barbara Co., Cal.—The following bids were received on Dec. 18 by the Board of Trustees of the Santa Barbara High School District, for the construction of a one and two-story reinforced concrete high school building from plans prepared by architects W. H. Weeks, 369 Pine St., San Francisco, and Roland F. Sauter and E. Keith Lockard, 338 San Marcos Bldg., Santa Barbara.

The two lowest bids on the general contract were submitted by J. Y. Parker, 34 Milpas St., Santa Barbara, at \$416,000 with deductions \$359,572, and Chad M. Urton, 225 West Victoria St., Santa Barbara, at \$444,649, with deductions \$377,749.

General Contract

Chas. M. Con	\$444,649
J. Y. Parker	446,000
J. P. Sullivan, Santa Barbara	494,312
Darrel Condeley, Los Angeles	475,280
Ernest Siegrist & Co., S. F.	484,777
Wm. Stacks, Los Angeles	493,313
Eavin & Birch, Los Angeles	463,443

Heating

Carl T. Doell, 467 21st St., Okla.	\$41,615
Sweeney & Son, Fresno	41,119
Larsen-Siegrist Co.	43,000
Ott Hardware Co.	46,380
L. Brown	62,162
J. G. Morgan	116,830

The following is a list of the alternates of the two lowest bidders:

If Alameda No. 1 stone is used instead of terrazzo: Urton \$446,645; Parker, \$447,136;

If small Mission tile roofing is used Urton \$435,149; Parker, \$444,200.

If reinforced granite veneer exterior furnish is used: Urton \$456,229; Parker \$454,270.

If all equipment listed under special fixtures and furniture is omitted: Urton deduct \$32,500; Parker deduct \$40,266.

If 4 classrooms in north end unit A etc. are admitted: Urton deduct \$10,000; Parker \$12,246.

If gymnasium is omitted from rear of auditorium: Urton deduct \$28,500; Parker, \$31,080.

If school apartment is installed in unit C etc.: Urton add \$4142; Parker \$2500.

SAN FRANCISCO—Alfred Kolm, 180 Jessie St., at \$24,000 awarded lowest bid to Public Works for general construction of addition to Edison school in Church St., near 22nd; plans by Architects O'Brien Bros., Inc., 240 Montgomery Street.

Ward & Jones	\$34,850
Elmer Carlson	31,400
P. E. Reilly	33,850
Wm. Bruce	29,500
Anderson & Kingrose	42,000
John Spargo	22,500

Plumbing—Edison School

Thos. J. Kelly	\$1222
J. H. O'Brien	1683
A. Lettich	1508

Electric Work—Edison School

P. E. Newberry	\$650
Stanley Electric	824
Globe Electric Works	596
Crown Electric Co.	573
Heating & Ventilating—Edison School	
Acific & Electric Co.	1814
A. Lettich	1814

Electric Fixtures—North Beach High School

Boyd Lighting Fix. Co.	\$11,450
J. W. Burchard	10,550
Thos. Day Co.	11,183
Roberts Mfg. Co.	10,765
Lumino—North Beach High School	
Van Orsdick Electric Co.	\$17,575
Douglas-Lynca Co.	14,999
D N & E Walter	17,299

GILROY, Santa Clara Co., Cal.—All bids received on Dec. 15 by the Board of Trustees of the Gilroy High School District for the construction of a gymnasium building with addition on rear, amount being too high. Additional bonds will be called for shortly. Plans were prepared by Archts. Wyckoff & White, Growers, San Diego, San Jose, and called for a one-story hollow tile or concrete and frame building. The lowest bid received was from Sample &

A. E. Leitich Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1110 SECOND ST., SACRAMENTO

Phone Main 726

Cody, of S. F., at approx. \$50,000. P. J. Bright submitted the lowest bid on the heating.

STORES AND OFFICES

LOS ANGELES, Cal.—Wm. M. Garland, 749 S. Spring St., L. A., contemplates the erection of a 12-story class A store and office bldg. at n.w. corner of 9th and Spring Sts., L. A. The site is 60x155 ft. An architect has not yet been selected.

Figures to be Taken Shortly.
OFFICE BLDG. Cost, \$50,000
WATSONVILLE, Santa Cruz Co., Cal.—Two-story brick and terra cotta store and office building.
Owner—Otto Stoesser.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Prepared.
ADDITION Cost, \$100,000
LOS ANGELES, Los Angeles Co., Cal.—SE Second and Los Angeles Sts.
Two-story addition to present six-story class A building.
Owner—Perry Estate.
Lessee—Western Wholesale Drug Co.
Architect—Morgan, Walls & Morgan, 1124 Van Nuys Bldg., Los Angeles.

Plans Being Figured.
RESTAURANT Cost, \$50,000
SAN FRANCISCO, Geary & Laguna Sts.
One-story frame restaurant and 2-story frame flats.
Owner—Wong Bew.
Architect—W. R. Telford, Perry Bldg., Oakland.

Figures are being taken for a general contract.
Plans Being Prepared.
OFFICE BLDG. Cost, \$—
LONG BEACH, Los Angeles Co., Cal.—301 Pine Ave. and Broadway.
Twelve-story class A office building, 75x150.
Owner—Everett Seave and Walter Wallace.
Architect—Curtlett & Beelman, Union Bank Bldg., Los Angeles.

Contract Awarded.
STORE BLDG. Cost, \$14,000
OAKLAND, Alameda Co., Cal.—E. Telegraph Ave., 52 N 43rd St.
Two-story tile 12-room apt. and store building.
Owner—G. E. Voyer.
Contractor—A. F. Anderson, 2800 Delaware St., Oakland.

Contract Awarded.
STORE BLDG. Cost, \$12,500
RICHMOND, Contra Costa Co., Cal.—SW Macdonald Ave. and 16th St.
One-story brick store building (5 stories).
Owner—Leo Persico, 240 16th St., Richmond.
Architect—Jas. T. Narbett, 9th and Macdonald Ave., Richmond.
Contractor—W. Shelnor, 160 18th St., Richmond.

To be Done by Day's Work.
STORES Cost, \$11,000
SAN FRANCISCO, S Geary 56-8 E
Twenty-third Avenue.
One-story frame stores.
Owner—W. A. Savage, 5450 California St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Prepared.
CLASS A BLDG. Cost, \$—
LOS ANGELES, Los Angeles Co., Cal.—San Pedro St. bet. Fifth and Sixth Sts. and extending to San Julian.
Three-story class A reinforced concrete building, 75x275 (32 ft. concrete drive way).
Owner—American Railway Express.
Architect—Jas. H. Humphreys, 85 2nd St., San Francisco.

Plans Being Prepared.
OFFICES, ETC. Cost, \$100,000
HATFORD, Kings Co., Cal.—Erwin St., bet. 8th and 9th Sts.
Two-story pressed brick (6) stores and (35) offices; 22,000 sq. ft. floor space.
Owner—E. N. Lagan (Wealth Center Bldg.), Hartford.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

Plans Being Prepared.
BUILDING Cost, \$18,000
RICHMOND, Contra Costa Co., Cal.—SE Eleventh St. and Sevin Ave.
Two-story frame and plaster building.
Owner—E. A. Mayfield, 316 11th St., Richmond.
Architect—E. A. F. Carson, 512 1th St., Richmond.

Plans Being Prepared.
ADDITION Cost, \$150,000
SACRAMENTO, Sacramento Co., Cal.—S. J. Jefferson St. and E. Sts.
Two-story addition to one-story portion of 1 and 3-story store building (extensive alterations including new terra cotta front on two streets).
Owner—John Breuner Co.
Architect—E. C. Hemmings, Ochsner Bldg., Sacramento.
Plans will be ready for figures in March.

Figures to be Taken Shortly.
OFFICE BLDG. Cost, \$750,000
PHOENIX, Ariz., SW Central Ave. and 1st St.
Ten or twelve-story brick and terra cotta office building.
Owner—Geo. and Arthur Luhrs.
Architect—Trost & Trost, El Paso, Tex.

Plans Being Prepared.
STORE BLDG. Cost, \$—
RICHMOND, Contra Costa Co., Cal.—NE Macdonald Ave. and 16th St.
Two-story brick store building.
Owner—A. H. Campbell.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Plans Being Prepared.
OFFICE BLDG. Cost, \$150,000
LOS ANGELES, Los Angeles Co., Cal.—Eight St. from Spring to Main Sts.
Thirteen-story and basement steel frame or reinforced concrete office building (terra cotta and pressed brick exterior).
Owner—Central Finance Co. (Directors A. Otis Birch, W. P. Temple, S. Dupuy, Geo. Woodruff and A. R. Walker).
Architect—Walker & Eisen, 325 Pacific Finance Bldg., Los Angeles.

Santa Barbara, Santa Barbara Co., Cal.—D. V. Parker, contractor, announces that the financing of the proposed four-story shop and office building at State and De La Guerra streets, has been completed and that construction will start at once. The upper portion of the building will contain 49 rooms. Plans showing a building costing \$300,000 have been prepared by Architects Soule, Murphy & Hastings 1295 State St.

STOCKTON, San Joaquin Co., Cal.—Attorney D. V. Marceau, Stockton, represents the Italian Gardeners' Society which proposes to erect a \$300,000 farmers' market building on East St. bet. Weber and Channel Sts. The proposed building will cover an area of 200 by 500 feet. Preliminary plans for the structure have been prepared.

THEATRES

Contract Awarded.
THEATRE Cost, \$300,000
LOS ANGELES, Los Angeles Co., Cal.—Pico St. and Morton Ave.
Three-story class A reinforced concrete theatre, 110x216.
Owner—B. & H. Circuit, Inc., 336 Title Ins. Bldg., Los Angeles.
Architect—E. J. Borgmeyer, 1002 California Bldg., Los Angeles.
Contractor—Lawrence Durck Constr. Co., 325 S-11th St., Los Angeles.

Santa Barbara, Santa Barbara Co., Cal.—Edward M. Johnson, president of the California Theatre Co., has announced that he and his associates will erect a theatre and office bldg. costing approx. \$500,000 on upper State St. The purchase of the property was consummated through A. F. Watkins. The proposed bldg. will be built in the shape of a U, the front portion to be 8 stories, 50 ft. wide by 46 ft. deep, back of which will be the auditorium. The stage will be 60x33 ft. It is planned to seat 2,000-2,200 downstairs and 800 on the second floor. The style will be of Spanish Corinthian architecture, the

exterior to be terra cotta 2 stories, with cream yellow brick on 5 stories above. The roof will be of red tiles, and galvanized wrought iron work will be used for railings, balconies, etc. Reinforced concrete will be used throughout. Work will start at once.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic & Foreign Trade Union, Chamber of Commerce, Merchants' Exchange Bldg.
625—San Francisco. Firm desires to communicate with the exporters or manufacturers of incense cedar slats used in the making of pencils.

626—Hagen, Westphalia, Germany. Manufacturer of bronze wire claims to have perfected a superior process for manufacturing the same and wishes to communicate with interested American producers.

653—San Francisco. American with seven years' experience in charge of large organization in South America desires to communicate with a reliable local firm which desires an executive or sales representative in Latin America or the Philippines. He possesses college training and excellent references.

654—San Francisco. 17 tractors and 5 motor cultivators, besides miscellaneous parts and attachments, are available for export.

654—Hartford, Conn. Large demand is reported for building hardware.

655—Ceylon, India. A large market exists for kerosene lamps and lanterns.

655—San Francisco. Communication is desired with California importers of narrow gauge railroad materials.

656—Minneapolis, Minnesota. Inventor of certain paints and stains desires connection with manufacturing concern to produce their paints here in San Francisco.

657—Philadelphia, Pa. Manufacturer of Locomotive Machinery desires agent in San Francisco.

657—Richmond, Va. Manufacturing concern desires contact with suppliers of California Incense Cedar lumber cut in bitches suitable for manufacture into pencil slats.

657—St. Louis, Mo. Concern desires to get in touch with manufacturers of steel and asbestos theatre curtains.

657—San Francisco. Party desires to get in touch with handlers of Raw Rubber.

HIGHWAY COMMITTEE NAMED

James K. O'Brien, of Yuba county, president of the Tahoe-Ukiah Highway Association, has announced the appointment of a committee of 50 which will meet and draft a highway program for submission to the next legislature. O'Brien was authorized by the association last summer at a meeting at Upper Lake, Lake county, to name this committee.

The committee named by O'Brien includes men from all parts of California who are interested in highway improvement and maintenance.

The committee at a meeting in San Francisco named O'Brien its chairman. J. E. Taylor, of Grass Valley, is secretary. He also is secretary of the Tahoe-Ukiah highway association.

MASTER PLUMBERS OF EAST BAY TREAT KIDDIES

Santa Claus, bearing a pack heavily laden with candy, toys and other Christmas goodies, paid a visit to the children of the Master Plumbers of the Eastbay region in the Merchants Exchange Bldg., Oakland, December 18. The plumbers' association sponsored the affair, which is an annual event given for the kiddies. George Stoddard of Berkeley enacted the role of Santa Claus and distributed the gifts. A program of music and literary numbers was presented and dancing and games followed.

Official Proposals

NOTICE TO FURNITURE & SCHOOL EQUIPMENT DEALERS

(Owens Valley Union High School District)

The Board of Trustees of the Owens Valley Union High School District, Inyo County, California, will receive sealed proposals and samples up to and until **Tuesday, Jan. 2, 1923, 7:30 p. m.**, at Independence, California, at which time and place said samples will be examined and said bids will be opened and read in public for furnishing the following school furniture and equipment:

1. School desks.
2. Domestic science equipment.
3. Physics room furniture.
4. Lockers.
5. Auditorium chairs.
6. Window shades.
7. Teachers desks.
8. Teachers chair etc.

Cashier's or certified check or bid deposit for an amount not less than 5 per cent of amount of bid shall accompany each proposal drawn to the order of the Clerk of the Board of Trustees of the Owens Valley Union High School District, as a guarantee that the bidder will within ten days (10) after being notified that said bid has been accepted shall enter into a contract therewith, and shall furnish surety bonds to the Board of Trustees, as requested by them. Said check or bond shall be forfeited to the said High School District should the bidder fail to execute the contract and furnish bond as above mentioned.

Specifications for any or all of the above equipment may be secured from the Clerk of the Board of Trustees of the Owens Valley Union High School District, Independence, California.

The said High School Board reserves the right to reject any or all bids, and to waive any informality in any bids received.

By order of the Board of Trustees, Owens Valley Union High School, Independence, California.

Dated Dec. 12, 1922.

By C. J. WALTERS, Clerk.

NOTICE TO CONTRACTORS FOR THE INSTALLATION OF HEATING EQUIPMENT IN THE LONGFELLOW SCHOOL (Berkeley School District)

The Board of Education of the City of Berkeley and of Berkeley School District in the County of Alameda, State of California, invites and the Clerk of the Board, at his office, 2133 Allston Way, Berkeley, California, up to the hour of 4 o'clock P. M., December 29, 1922, sealed proposals for furnishing the necessary materials, tools and labor for the installation of heating and ventilating equipment in the Longfellow School, situated on Berkeley, California, Ward 1, and Derby Streets, in Berkeley School District, in accordance with plans and specifications adopted by said Board of Education on May 23, 1922, and now on file in the office of the said Board of Education, 2133 Allston Way, Berkeley, California.

Copies of said plans and specifications may be obtained from the offices of William C. Hays, 1325 First National Bank Building, San Francisco, California, and from the Board of Education, 2133 Allston Way, Berkeley, California, upon depositing the sum of Ten (\$10.00) dollars cash. Plans and specifications must be returned within six (6) days from date of receipt or said deposit must be forfeited on any plans not returned to Architect on or before 4 o'clock P. M. January 2, 1923.

Bids must be on blank forms furnished by and obtained from said William C. Hays. Work on the contract must commence within 48

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

hours from notification of the Board of Education to commence said work, and be diligently prosecuted until completion thereof, unless otherwise ordered by said Board of Education and the Architect.

All bids must be accompanied by a cash deposit or a certified check on a responsible bank and payable to the Board of Education for an amount equal to ten (10%) per cent of the amount of the bid.

If the bidder to whom the contract is awarded shall for five (5) days after such an award fail or neglect to enter into a contract and file the required bonds for the faithful performance of the contract and the furnishing of materials and labor, the cash deposit or certified check of said bidder may be declared forfeited to the Board of Education and shall be collected and paid into the General Fund of said Board of Education.

The Board of Education reserves the right to reject any and all bids. By order of the Board of Education of the City of Berkeley, County of Alameda, State of California.

CLYDE BLANCHARD,
Secretary of said Board of Education.

NOTICE TO BIDDERS ON THE LODI UNION HIGH SCHOOL BUILDING, LODI, CALIFORNIA

Notice is hereby given by the High School Board of Trustees of the Lodi Union High School District that sealed bids will be received at the High School Building, in said town of Lodi, County of San Joaquin, State of California, up to the hour of Five o'clock (5) P. M. on the 3rd day of January, 1923, at which time all bids will be publicly opened. Said bids to be for the furnishing of labor and material and erecting of a Two-story Science Building, an Auditorium Building, and making alterations to the present Buildings, all of which buildings constitute a Group of buildings, known as The Lodi Union High School, located in the City of Lodi, County of San Joaquin, State of California.

Bids shall be for:
Division (1) One—General Contract, Heating and Ventilating.
Division (2) Two—Electric Clocks and Program System.

And shall be for all work according to plans and specifications which may

be obtained at the office of Wright & Satterlee, and L. S. Stone, Architects, for the Board, Bank of Italy Building, Stockton, California, during business hours.

All bids must be accompanied by a certified check or certificate of deposit for Ten (10%) per cent of the amount of bid tendered, made payable to Perry Clark, Clerk of the High School Board, and conditioned that each successful bidder under each division shall enter into a contract in accordance with said bid and file with said High School Board, two (2) approved bonds within six days after the acceptance of his bid, one of which bonds shall be for 50% of the contract price and shall be conditioned for the faithful fulfillment of the contract entered into, and to be done thereunder, and one for Fifty (50%) per cent of the contract price for the protection of all persons performing labor or furnishing materials for the construction of said buildings.

In case the said contractor shall fail to execute the bonds above mentioned which are acceptable to the Board within the said six days, due notice having been given him, then shall the contractor forfeit all claim to the said amount, said certified check for Ten (10%) per cent of his bid and it shall become the property of the Lodi Union High School District.

All bids must be submitted upon forms obtained from the Architects.

Contractors must make a deposit of Fifteen (\$15.00) Dollars with the Architects when taking plans and specifications from the office.

The Board reserves the right to reject any or all bids.

Dated December 16, 1922.

By order of the High School Board.
W. S. MONTGOMERY, Pres.

PERCY M. MERRITT,
THEO. BECKMAN
J. E. NELSON

PERCY O. CLARK, Clerk.
As and constituting the Lodi School Board of Lodi Union High School District.

NOTICE TO CONTRACTORS

(Hanford Union High School District)

Pursuant to an order of the Board of Trustees of the Hanford Union High School District, duly passed and entered on its minutes of December 11, 1922, notice is hereby given that said board will receive sealed proposals for the following branches of work:
1—General bid for furnishing material, digging and filling trenches and installation of underground sprinkling system.

2—Separate bid for material, only, delivered at high school.

3—Separate bid for digging and filling trenches.

Plans and specifications are on file with the clerk of said Board. Copies may be obtained at the office of Cotton and Co., Inc., 638 New Call Bldg., San Francisco, California.

All bids must be in the hands of G. W. Armstead, clerk of the Board of Trustees, at the High School Building, Hanford, California, on or before 7:30 p. m. January 6, 1923.

Bidders may figure any one or more of the segregations, separately, or all of them together.

A certified check or bidders bond equal to ten per cent of the amount of the bid submitted must accompany each proposal.

The Board reserves the right to reject any or all bids submitted. Of the bidder and branch of work must be marked on the outside of the envelope.

BOARD OF TRUSTEES,
Hanford Union High School,
G. W. Armstead, Clerk,
(Continued on Page 20)

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

Engineering News Section

BRIDGES, DAMS & HARBOR WORK

SAN FRANCISCO—Until Feb. 15, 11 A. M., bids will be rec. by U. S. Engineer Office, 401 Customhouse, San Francisco, for fur. and del. stone and constructing breakwater at Crescent City, Del Norte County, Calif. Work consists of making repairs to existing breakwater and constructing breakwater from point to where already completed, seaward as far as funds will permit. Funds available will complete. It is estimated, about 400 to 600 lin. ft. or to a point about 1,750 to 1,950 ft. from its point of beginning at the shore. Approx. 80,000 tons of stone will be req.

THE DALLES, Ore.—Eng. Stephens & Koon, Spaulding Bldg., Portland, in report to City Water Commission recommends construction of storage reservoir to impound 244,000,000 gals. of water, to be located on Dog river in the high Cascades just east of Mount Hood. The engineers investigated possibilities of seven sources, including the upper and lower Deschutes river and the filtration and pumping of a supply from the Columbia. All were discarded in favor of the Dog river project. Bonds will be voted to finance the project.

SEATTLE, Wash.—Until Jan. 22, 11 A. M., bids will be rec. by Alaskan Engineering Commission, Bell St. Terminal, Seattle, under Circular No. 597, for fur. 1 steel viaduct, 1 steel truss span and 1 steel girder span. Copies of circular may be obtained from Alaskan Engineering Commission, 204 New Post Office Bldg., Portland, Ore., and Alaskan Engineering Commission, 306 Custom House, San Francisco.

POMONA, Cal.—Wootton & Dupray, Pomona, awarded contract by the Water Conservation Assn. for const. 10,000 lin. ft. levee on its water spreading grounds at Highland. This year's project of the water spreading grounds is of approx. 15,000 ft. of additional contour dams. The assn. is spreading approx. 2000 inches of water per day at the present time.

SOMONA COUNTY—C. G. Gilderisever, Liah, at \$7560 awarded contract by State Highway Commission to const. bridge over Northwestern Pacific R. R. near Somerton, Sonoma County, consisting of 3 32-ft. reinforced concrete spans, with necessary bents, abutments and wing walls, involv. 360 cu. yds. class A Port. cem. conc. in place; comm. to furnish reinforcement straight bars, cut to lengths and cement.

PRESCOTT, Ariz.—Roger Bros., Snowflake, awarded contract by Yavapai county highway commission, at \$30,001 for const. steel bridge across Agua Fria near Black canyon, involv. 1100 cu. yds. excav. unless, at \$2 yd.; 307 cu. yds. class A conc. at \$21 yd.; 108 cu. yds. class B conc. at \$18 yd.; 25,100 lbs. reinf. steel at 10c lb.; structural steel at lump sum of \$15,000. Daniel & Kennedy, Tucson, bid \$420 excav., \$21 A conc., \$17 B conc., 7c reinf. steel, \$16,000 structural steel. The Monarch Engr. Co. submitted an alternate bid at \$28,000 which was rejected.

SEATTLE, Wash.—Following contracts awarded by Board of Public Works for West Spokane street bridge: fur. and del. steel to Bethlehem Shipbuilding Corp., Ltd., 20th and Illinois Sts., San Francisco, \$28,871.41; erecting steel to Gerrick and Gerrick, Seattle, \$106,151.64; furnishing electrical equipment to Westinghouse Elec. & Mfg. Co., \$23,295. Total bid, \$406,317.78.

VENICE, Cal.—Bids will be called shortly to construct jetties on the South Beach north of Walters pier. Funds for this work will be taken from the shore protection fund.

FRESNO, Fresno Co., Cal.—Until Jan. 12, 2 P. M., bids will be received by D. M. Barwell, county clerk, to const. comb. wood and conc. bridge over Fowler Switch Canal at McCall and Central Aves. Chris P. Jensen, Cory Bldg., county surveyor.

TOMBSTONE, Ariz.—Engr. W. C. Elliott has presented to the directors of the San Pedro Water Users' Assn. an estimate of the cost of building the proposed Charleston Dam and works. The dam to be situated at Charleston, about 10 miles from Tombstone on the San Pedro river. An election for a bond issue will be held in the spring. The cost of the dam, canal laterals, and ditches is estimated at \$2,639,573.

RIVERSIDE, Cal.—Until 10 a. m., Jan. 8, new bids will be rec. by supervisors to const. wood trestle bridge 223 ft. long over Coachella storm water channel on Jackson St., Indio, to be known as the Sparey Bridge. A. C. Fulmer, county surveyor, Cert. check 5%. P. G. Clayton, clerk of the board.

IRRIGATION PROJECTS

BEND, Ore.—Warren Const. Co., Journal Bldg., Portland, Ore., at \$136,983.00 awarded contract to re-construct creosoted wood stave main flume for Central Oregon Irrigation District.

BLATHE, Cal.—Until 10 a. m., Jan. 6, 1923, bids will be rec. by directors of Palos Verde Joint Drainage Dist. at Blythe to const. portion of the drainage system known as the East side drain, about 12.2 mi. of open ditch, involv. the moving of approx. 540,000 cu. yds. earth. Contract will include bridges, culverts and flumes involv. about 2400 lin. ft. piles; 97 M. B. M. lumber; 900 ft. met. flume; 200 lin. ft. culvert; 120 cu. yds. r.c. steel; 1500 sq. ft. paving and 2200 lbs. r.c. steel. Bonds have been voted. Plans and spec. may be seen at the office of the board of directors at Blythe or at the office of D. W. Murphy, consulting engr., 1214 Hollingsworth Bldg., Los Angeles. Deposit of \$10 required. Cert. check 10% required with each bid. H. C. Neuffer, chief engr. at Blythe.

Engineers and Contractors PLEASE NOTE

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LIGHTING SYSTEMS

REDLANDS, Cal.—Southwest Electric Co. awarded contract to city trustees at \$697 to const. lighting system consisting of 9 lighting posts, on West State St., and at \$480 for system consisting of ten posts on Kendall St.

MACHINERY

SAN FRANCISCO—Pawling & Harneshafer, 32 Beale St., San Francisco, at \$20,475 awarded contract by Board of Public Works to install electric traveling crane in Moccasin Creek Power Plant, Hetch Hetchy project, under Contract No. 70.

OAKLAND, Cal.—Until Dec. 28, 12 M., bids will be rec. by Eugene K. Sturgis, City Clerk, for fur. & install electric display sign on roof of Municipal Auditorium. Bond for not less than 25% of contract price req. Spec. obtainable from clerk on deposit of \$5.

PORTLAND, Ore.—Pelton Water Wheel Co., 19th and Harrison Sts., San Francisco, awarded contract by Portland Railway Light & Power Co., Electric Bldg., Portland, for furnishing a 35,000-H. P. vertical reaction turbine for its new Oak Grove plant on Clackamas river, 53 miles from Portland.

LOS ANGELES, Cal.—Los Angeles Shipbuilding & Dry Dock Corp. has the contract to build a 4000-hp. oil barge for the Union Oil Co. Cost, \$50,000. Diesel engines and Kinney pumps will be installed.

YUBA CITY, Sutter Co., Cal.—Edw. R. Bacon Co., 725 Folsom St., San Francisco, at \$310.73 awarded contract (informed) by O. W. Lanzendorf, county road comm., for fur. one "Wood" underbody hoist, steel dump body 2½ cu. yds. capacity, mounted on Liberty B chassis, completed. f. o. b., San Francisco. Modern Vehicle Co., 437 4th St., San Francisco, bid \$799.52 on body of make other than specified.

HANFORD, Kings Co., Cal.—City Council votes to purchase new pumps and motors for ejector pits at South Irwin street. B. Duffield, City Engr.

ALHAMBRA, Cal.—Until 5 P. M., Jan. 2, new bids will be rec. by City Clerk for cast iron, B & S water pipe as follows: 16,344 ft. 4-in. pipe, 2748 ft. 6-in. pipe, 204 ft. 8-in. pipe; various class D pumps, tees, bells, etc. Delivery may be (1st alternate) f. o. b. docks, San Pedro, or (2nd alternate) along side trench, Alhambra. Bids to be submitted in units of 100 ft. Cert. chk. or bond, 10%, payable to Grant M. Lorraine, City Mgr. All bids received Dec. 18 rejected unopened due to irregularity in proceedings.

SEATTLE, Wash.—Until Dec. 29, 10 A. M., bids will be rec. by C. B. Bagley, Secty., Board of Public Works, for f. o. b. cars, Seattle, telephone line conductors for George Plant, Skagit River Power Development, as provided under amended Ordinance No. 45495. Cert. check 5% payable to City Comptroller req. with each bid. Spec. obtainable from Secty.

SEATTLE, Wash.—Until Jan. 9, 10 A. M., bids will be rec. by C. B. Bagley, Secty., Board of Public Works, for fur. and del. 8,250 ft. street railway cable, one ½-in. dia.; 6 strand, 16 wire, 3½-in. lay, cast crucible steel, Land Lay Spec. obtainable from Secty.

SANTA ROSA, Sonoma Co., Cal.—Due to irregularity in low bid the city council has rejected bids for fur. and del. fire hydrants and new bids will be asked. **Victor A. Duggett, City Clerk; L. L. Mills, City Eng.**

RAILROADS

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy, completing spec. and bids will be asked by Board of Public Works shortly to construct Municipal Railway system from Cole and Carl streets to Ocean Beach.

LOS ANGELES, Cal.—Harbor Comm. has instructed Harbor Eng. Ludlow to const. 2 additional railroad tracks to const. "A" line to meet the needs of the increasing freight shipments.

FRESNO, Fresno Co., Cal.—Preliminary approval has been given by the City Commission to the application of the Fresno Traction Co. to extend its Fresno Ave., and Arlington Heights lines. The measure gives the company authority to extend the lines in single or double track. **F. W. Webster** is general manager and **E. A. Devereux**, superintendent for the railroad.

EUREKA, Nevada—Advices from New York are to the effect that the final purchase of the Eureka-Nevada Railroad by the Eureka Smelting & Mining Co. will be completed January 1st and that the road will be broad-gauged from Palisade, a station on the S. P. line to the smelter site, and to Highway bet. Eureka and Palisade. The narrow gauge rails will be used to extend the road from Eureka to Hamilton, a distance of 40 miles.

FIRE EQUIPMENT

SEATTLE, Wash.—Until Dec. 29, 1922, a. m. bids will be received by C. B. Langley, secretary Board of Public Works, for fur. 2 comb. city service auto hook and ladder trucks; 8800-gal. comb. motor pumping, chemical and hose cars; and 1 1000-gal. comb. motor pumping engine and hose car. Check 5% payable to city controller required with each bid. Spec. obtainable from secretary.

LODI, San Joaquin Co., Cal.—Following bids taken under advisement by city trustees for fur. and del. 1000 ft. fire hose: **W. C. Allen, \$8.55 ft.**; **American Rubber Co., \$7**; **Stonckton Hardware Co., Imperial Co., \$12.29**; **\$11.10**; **\$10.90**, **\$7.50** and **\$6.41** for various brands.

WOODLAND, Yuba Co., Cal.—Fire Committee of city board of trustees recommends purchase of motorized equipment for department costing \$30,000; funds to be raised through a bond issue.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

OAKLAND, Cal.—City Eng. W. W. Harmon completes spec. to imp. following streets under 14th Act:

17th St., bet. Telegraph and Harrison Sts., involv. 15,819 sq. ft. grading; 1,361 lin. ft. conc. curb with steel guard; 209 lin. ft. granite curb to be reset; 1,579 sq. ft. conc. pavement; 362 lin. ft. 8-in. and 355 lin. ft. 12-in. pipe; 2 manholes; 1 lampole; 21 wire branches; 6 catchbasins; 220 lin. ft. 10-in. conduit.

Holly St., bet. Jones and 100th Ave., involv. 42,780 sq. ft. grading; 1,137 lin. ft. conc. curb; 3,684 sq. ft. conc. gutter; 20,811 sq. ft. oil macadam pavement; 7,640 sq. ft. conc. walks.

Tyrell St., bet. 47th and Cortland Ave., involv. 2,371 cu. yds. excavation; 772 lin. ft. conc. curb; 1,584 sq. ft. conc. gutter; 11,625 sq. ft. oil macadam pavement; 4,752 sq. ft. cement walks.

Porter St., from 39th Ave. southeasterly, involv. 17,712 sq. ft. grading; 866 lin. ft. conc. curb; 1,771 sq. ft. conc.

gutter; 8,782 sq. ft. oil macadam pavement; 4,428 sq. ft. cem. walks.

Madeline St., bet. Laguna and Persimmon, involv. 2,45 cu. yds. excavation; 985 lin. ft. conc. curb; 2,916 sq. ft. conc. gutter; 13,020 sq. ft. oil macadam pavement; 5,421 sq. ft. cem. walks.

30th Ave., bet. E-12th and E-15th Sts., involv. 7,720 sq. ft. grading; 331 lin. ft. conc. curb; 965 sq. ft. conc. gutter; 6,717 sq. ft. oil macadam pavement.

Philhellen Ave., from 39th Ave. southeasterly, involv. 17,015 sq. ft. grading; 841 lin. ft. conc. curb; 1,791 sq. ft. conc. gutter; 8,437 sq. ft. oil macadam pavement; 4,254 sq. ft. cem. walks.

CALIFORNIA—Following bids rec. by State Highway Comm., Dec. 18:

Alameda County, bet. west boundary and Califa, 14.2 mi. to be graded and paved with asphalt macadam; 84,150 cu. yds. excav. without classification; 35,020 tons broken stone (asph. macadam); 719 tons asphalt, grade E spread (asphalt macadam); 290 cu. yds. class A Port. cem. conc. culverts and monuments; 16,700 lin. ft. 12-in. corr. metal pipe; 18-in. and 726 lin. ft. 24-in. corr. metal pipe; 5.51 mi. moving and resetting property fences; 120 lin. ft. guard rail; 38 monuments. Commission will furnish steel, cement and coarse aggregate for conc. corr. metal pipe, broken stone, screenings and asphalt grade E.

B. T. Shea, Riverside, \$12,678.90
Winfield E. Hall, Idverside, \$12,193.50
Blumenkranz & Vernon, \$12,193.50
Stockton, \$23,411.50
Engr. estimate \$22,670.00
Santa Clara County, bet. Nevada City and Little River Creek, 11.5 mi. to be graded; 81,000 cu. yds. excav. without classification; 165 cu. yds. class A Port. cem. conc. culverts and monuments; 265 cu. yds. dry rubble (crash wall); 1018 lin. ft. 12-in. 60 lin. ft. 15-in., 1294 lin. ft. 18-in., and 228 lin. ft. 24-in. corr. metal pipe; 15,461 lin. ft. guard rail; 578 monuments. Commission will furnish steel, cement and coarse aggregate for conc. corr. metal pipe, broken stone, screenings and asphalt, grade E.

Yuba County, bet. Morrison's Crossing and 1 mi. south of 3d crossing, 2.5 mi. to be paved with asph. macadam; 29,000 tons broken stone, shoulders and surface (asphalt macadam); 340 tons asphalt, grade E spread (asphalt macadam). Commission will furnish broken stone, screenings and asphalt, grade E.

Blumenkranz & Vernon, \$11,275
Winfield E. Hall, Idverside, \$11,275
Engr. estimate \$10,700.00

San Benito and Santa Clara Counties, bet. Pacheco Pass and Highway 82 mi. to be graded and paved with asph. macadam; 32,000 cu. yds. excav. without classification; 2400 cu. yds. gravel and broken stone (asph. macadam); 400 tons broken stone (asph. macadam); 460 tons asphalt, grade E spread (asph. macadam); 75 cu. yds. class A Port. cem. conc. culverts and monuments; 1478 lin. ft. 12-in., 382 lin. ft. 18-in., 163 lin. ft. 24-in. and 88 lin. ft. 30-in. corr. metal pipe; 2400 lin. ft. guard rail; 85 monuments. Commission will furnish steel, cement and coarse aggregate for conc. corr. metal pipe, broken stone, screenings and asphalt, grade E for asph. macadam.

Granite Constr. Co., Watson, \$131,732.35
Winfield E. Hall, Idverside, \$141,655.50
John Phillips, \$130,412.00
Engr. estimate \$133,000.00

Yuba County, bet. 3 mi. south of Highway 20 and Highway 10 and Rindge Ranch, 7.1 mi. to be graded; 82,000 cu. yds. excav. without classification; 2400 cu. yds. gravel and broken stone (asph. macadam); 400 tons broken stone (asph. macadam); 460 tons asphalt, grade E spread (asph. macadam); 75 cu. yds. class A Port. cem. conc. culverts and monuments; 1478 lin. ft. 12-in., 382 lin. ft. 18-in., 163 lin. ft. 24-in. and 88 lin. ft. 30-in. corr. metal pipe; 2400 lin. ft. guard rail; 85 monuments. Commission will furnish steel, cement and coarse aggregate for conc. corr. metal pipe, broken stone, screenings and asphalt, grade E for asph. macadam.

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Granite Constr. Co., Watson, \$131,732.35
Winfield E. Hall, Idverside, \$141,655.50
John Phillips, \$130,412.00
Engr. estimate \$133,000.00

paved with Port. cem. conc.; 18,400 cu. yds. excav. without classification; 2500 cu. yds. gravel or broken stone in sub-base; 3000 cu. yds. class A Port. cem. conc. shoulders and curbs; 100 cu. yds. (pavement, shoulders and curbs to old base); 60 cu. yds. removal of broken conc. in existing base; 18 cu. yds. class A Port. cem. conc. culverts and monuments; 148 lin. ft. 12-in., 132 lin. ft. 18-in. and 149 lin. ft. 24-in. corr. metal pipe; 30 monuments. Commission will furnish rein. steel, corr. metal pipe, cement, cement and coarse aggregate for conc. and gravel or broken stone for subbase.

Lewis Theodor, Vallejo, \$32,519.20
W. B. Fisher, Vallejo, \$32,519.20
T. M. Burns, Seta, \$14,820.00
E. E. O'Brien, Martinez, \$9,589.00
General Constr. Co., \$6,382.00
Engr. estimate \$18,763.00

SAN DIEGO—City council adopts res. of inten. for improving of Silverado St., Ivanhoe Ave., Ivanhoe Ave. East and Torrey Rd., involv. 192,662 sq. ft. paving with 4-in. asph. conc. curb; 57,161 sq. ft. walk; 80 lin. ft. trench 5-ft. deep; 439 lin. ft. trench 6 ft. deep; 50 lin. ft. trench 7 ft. deep; 200 lin. ft. trench 8 ft. deep; 250 ft. 6-in. cem. conc. sewer pipe, with 1 drop manhole, 1 manhole, and 1 dead-end; 11 6-in. cem. sewer laterals; 2 4-in. cem. laterals.

Int. adopted for improving of Imperial Ave., Clinton and Wabash Sts., Franklin Ave., Woolman Ave., Superba and Superior Sts., Millbrae, Gilmore, 27th, 33rd, 40th and Adillbrae Sts. and alley in block 2, Imperial Hts., involv. 15,352.2 cu. yds. earth excav.; 8993.8 cu. yds. earth embank.; 20,662.28 sq. curb; 101,106.46 sq. ft. walk; 2145 sq. ft. gutter; 11 culverts of corr. iron, comprising 432 ft. of 12-in., 880 ft. of 15-in., and 175 ft. of 24-in., together with catch basins.

Int. adopted to improve Fort Stockton Dr. and Ampudia St., involv. 10,373 cu. yds. earth excav.; 1757.7 cu. yds. earth embank.; 32,208.7 sq. ft. paving with 4-in. asph. conc. curb; 81,921 sq. ft. face laid on 2 1/2-in. bitum. base; 4490.5 sq. ft. walk; 303.7 ft. curb.

Int. adopted to improve 8th St., bet. Imperial and Aysa Sts., involv. 11,659 sq. ft. paving with 2-in. asph. wearing surface, 1-in. binder course, laid on 5-in. conc. base, 108.5 ft. curb; 83.3 ft. 3-in. x 24-in. (inside, 14-in. x 24-in.) rein. conc. culvert, 2 clean-outs to be raised 1 steel gate for catch basin, 3-ft. 4-in. x 6-ft. 6-in.

Until 10:30 a. m. Jan. 2, bids will be rec. by council for improving under 1911 Act, the following streets:

Alley in block 6, Cleveland Hts., involv. 124.6 cu. yds. excav.; 2 cu. yds. earth embank.; 865 sq. ft. curb; 18,264.2 sq. ft. face laid on 2 1/2-in. and one 4-in. cem. sewer laterals.

Alley in block 78, Park Villas, involv. 122 cu. yds. earth excav., 16 cu. yds. earth embank.; 865 sq. ft. curb; 18,264.2 sq. ft. face laid on 2 1/2-in. and one 4-in. cem. sewer laterals.

Sixth St., bet. Upas St. and University Ave., involv. 76,020.16 sq. ft. paving with 3-in. asph. conc. on 4-in. cem. conc. base; 498 sq. ft. curb; 91 ft. curb.

P. A. Rhodes, city engineer.

LOS ANGELES, Cal.—Wm. Liddington, 420 E. 60th St., awarded contr. by board of public works at \$283,022.00 to pave Madison Ave., bet. Gower and Seward Sts., involv. grading at lump sum of \$7809.65; 186,455 sq. ft. conc. paving at 25c ft.; 57,200 sq. ft. grading, rolling and rolling at 10c sq. ft.; 8520 sq. ft. curb at 19.5c ft.; 464 sq. ft. cem. gutter at 28c ft.; storm drain compl. \$47,000; san. sewer, \$500; 640 ft. hse. sewer, \$100; 100 ft. 12-in. sewer, \$100. Other bids were: **W. D. McGray**, \$112,368.60; **Parrish-Gilmore-Wilton Co.**, \$117,068.39; **Geo. H. Oswald**, \$157,227.02.

Parrish-Gilmore-Wilton Co., L. E. Rydberg, Los Angeles, awarded contr. at \$12,021.88 to pave Lemon Grove Ave., betw. Western Ave. and Wilton Pl., involv. 40,217 sq. ft. grading to subgrade at 10c sq. ft. and 84 sq. ft. asph. paving at 24c ft.; 227 ft. curb at 60c ft.; 2524 sq. ft. conc. gutter at 28c ft. Engr's est., \$12,021.61. **Geo. H. Oswald** bid \$13,414.00.

Wm. Liddington, 420 E. 60th St., at \$468 to pave first alley south of Third St., bet. Crocker St. and 110 ft. SE., involv. 1375 sq. ft. grading at 10c ft., and 1575 sq. ft. conc. paving at 25c ft.

PORTERVILLE, Tulare Co., Cal.—Until Jan. 3, 7:30 p. m., bids will be received by Jay G. Brown, clerk Porterville Union High School District, to pave roads and const. walks on high school property. Cert. check 5% required with each bid. Spec. obtainable from C. O. Promo, 296 Putnam Ave., Porterville.

SAN BERNARDINO, Cal.—W. D. Bohan, San Bernardino, awarded contract by council to improve 9th St., between Waterman and A Sts., at 13.7c sq. ft. macadam paving, 44c ft. curb, and 14.7c sq. ft. gutter.

Charles McElvaine, San Bernardino awarded contract to improve Sepulveda St., bet. Base Line and 13th Sts., at 14.4c sq. ft. 4-in. conc. paving, 40c ft. curb and 14c sq. ft. walk.

WATTS, Cal.—Geo. R. Curtis, 2440 E. 26th St., Los Angeles, awarded contract to improve Albert St., bet. Palm Ave. and Electric Blvd., and Rosetta Ave. bet. Shorb Ave. and Main St., at \$13.50 lin. ft. grading, 24.5c sq. ft. Willite paving, and 35c sq. ft. gutter. Other bids were: Braun, Bryant & Austin, \$13.35 grading, 26.25c paving, 37c gutter.

SAN DIEGO, Cal.—Council declares intention to improve Maple St., Nutmeg St. and Olive St., involv. 178,918.82 sq. ft. paving with 1 1/2-in. asphalt conc. wearing surface on 2 1/2-in. bitum. base, 389.03 ft. curb; 1033 sq. ft. walk; removal of 3 culverts; surfacing of 1128 sq. ft. of gutter with asphalt conc.; removal of 18 lin. ft. conc. gutter; 1911 Act. Protests Jan. 15.

SANTA CRUZ, Santa Cruz Co., Cal.—City Council petition to improve streets in Seabright district. Referred to City Eng. James K. James.

PRESOTT, Ariz.—Yavapai county highway commission has awarded contract to state highway commission at cost plus 10% for the entire construction of the Prescott-Ashfork road. The state dept. immediately sub-let the work to various contractors. The Hell Canyon and Little Hell Canyon bridges were also sublet.

MERCED, Merced Co., Cal.—City engineer instructed to secure rights of way and prepare spec. for storm drain from St. along C St., to southwest city limits.

LOS ANGELES, Cal.—Ord. of inten. adopted by council to improve under Vrooman Act following streets: Compton Ave., bet. Vernon Ave. and S. boundary line of city, by grading and paving with 6-in. cem. conc.; const. curb, walk, and reinf. conc. culvert. Railroad Ave., bet. n.e. boundary line of city of Los Angeles and Anaheim St., by grading and paving with 8-in. cem. conc.

REDWOOD CITY, San Mateo Co., Cal.—Mrs. Rosalie Brown, of the 2nd and Third Hickey of the 1st township, has been appointed to confer with the San Francisco Board of Supervisors to outline plans for building what is known as the East Bay Highway, through San Mateo county, thus providing an additional artery of transportation on the Peninsula.

SALINAS, Monterey Co., Cal.—City Eng. D. F. Davis preparing spec. to imp. Avenues A. B. and C. Maple and West Sts., and South Capital St. extension.

GLENDALE, Cal.—L. A. Paving Co., 2900 E. 5th St., Los Angeles, was awarded contract at \$23,877 to pave portions of Harvard, Hawthorne and Orange Sts., involving 2289 lin. ft. grading at \$11.10, 101,564 sq. ft. 5-in. asphalt conc. paving at 19c sq. ft. 6-in. class "B" cast iron pipe and service connections at lump sum of \$2355.

SANTA ANA, Cal.—Wells & Bressler, a California Bank Bldg., Santa Ana, awarded contract, by City Trustees to pave East Walnut St., betw. Cedar and Main Sts., involv. 18,355 sq. ft. grading and paving with 6-in. conc. and belt finish wearing surface at 25.75c ft. 132 ft. hse. sewers at 50c ft. and 200 ft. curb at 50c ft.

VISALIA, Tulare Co., Cal.—City Trustees order plans prepared for 10 blocks of street paving in addition to those for which plans are already being made. L. L. Gadsby, City Eng.

HAYWARD, Alameda Co., Cal.—City trustees plan paving 15 blocks in lower 3d, 4th and Main and E Sts., est. cost, \$7,000. Jesse R. Holly, city eng.

PORTERVILLE, Tulare Co., Cal.—City Council, Geo. D. Avery, clerk, declared intention to improve alley bet. Main, Second, Cleveland and Thurman Sts., and from Thurman to Harrison and from Harrison to Morton St., by grading, paving with 5-in. hyd. conc. 1911 Act. Bonds Act 1915. Protests Jan. 15. Fred Pease, city eng.

SAN DIEGO, Cal.—John Henry Hess, 1023 E. Ave., Coronado, submitted low bid to city council to improve Lincoln Ave., bet. Florida and Texas Sts., involv. 181,555 cu. yds. earth excav. at 65c yd., 1185,250 sq. yds. earth embank. at 20c yd., 23,932 ft. curb at 60c ft., 12,635.96 sq. ft. walk at 22c ft.; 5452 sq. ft. conc. gutter at 29c ft., catchbasins, etc. \$1265.

California Constr. Co., 528 Granger Bldg., San Diego, low bidder to improve Kalmia St., involv. 60,097.6 sq. ft. paving with 1 1/2-in. asphalt wearing surface on 2 1/2-in. bitum. base at 18c ft., 130 ft. curb at 73c ft.

G. R. Daley, 4130 Boundary St., San Diego, low bidder to improve Lincoln Ave., bet. Oregon and Boundary Sts., involv. 475.66 cu. yds. earth excav., at \$1.60 yd.; 199.9 cu. yds. earth embank. at 65c yd.; 145,700 sq. ft. 1 1/2-in. bitum. macad. paving at 12.5c ft.; 22,441 sq. ft. walk at 26c ft.; 4511.1 ft. curb at 75c ft. California Constr. Co., 1033 Sward St., low bidder to improve alley in block 2, Brooke's add., and in block 6, Nutt's add., involv. 199.3 cu. yds. earth excav. at \$1.50 yd.; 9006 sq. ft. 4-in. conc. paving at 18c ft., two 4-in. house connections at \$18 each.

SAN DIEGO, Cal.—Until 10:30 a. m., Jan. 8, bids will be rec. by council to construct sewers in Addison St., involv. 334 ft. 6-in. cem. pipe sewer and 36 ft. 6-in. class A cast iron pipe.

REDONDO BEACH, Cal.—Vido Kovacevich, 925 Temple Ave., Long Beach, awarded contract by city trustees at \$350 to const. corrug. pipe storm water drain, approx. 950 ft. 12-in. pipe in Sapphir St., bet. Broadway and Espana rd.

PASADENA, Cal.—Sam C. Kruly, 2926 7th St., low bidder at \$4147 for const. sewer in Resaling Road, Pasadena. Shepard & Weber bid \$5100; Malagovich & Gillespie, \$5100.

SACRAMENTO, Cal.—Assemblyman Percy West will seek \$500,000 at the coming session of the Legislature to rebuild the state highway south from the Sacramento city limits to the San Joaquin county line, just south of Galt.

SAN DIEGO, Cal.—Until 10:30 a. m., Jan. 8, bids will be received by council to improve under 1911 Act following streets:

First St., involv. 20,379.32 sq. ft. paving with 1 1/2-in. asphalt conc. wearing surface on 2 1/2-in. bitum. base.

Ivy St., involv. 147 cu. yds. earth excav. 1024 cu. yds. earth embank. 314.8 lin. ft. conc. curb; 1809.7 sq. ft. conc. sidewalk; 76,098 sq. ft. paving with 4-in. cem. conc.; 63,035 sq. ft. paving with 1 1/2-in. asphalt conc. wearing surface on 2 1/2-in. bitum. base.

Third St., San Diego, bet. Hawthorn and Juniper Sts., involv. 1197.42 lin. ft. cem. conc. curb; 6065.1 sq. yds. conc. sidewalk. F. A. Rhodes, city eng.

LOS ANGELES, Cal.—M. S. Cummings 1369 W. 22nd St., submitted low bid to board of public works to pave Elm St., bet. Rosemont and Waterloo, involv. 11,031 sq. ft. rough grading to grade at 6c ft.; 11,031 sq. ft. finish grading, curbing and rolling at 8c ft.; 568 ft. curb at 67c ft.; 1227 sq. ft. gutter at 34c ft.

C. W. Shafer, 222 W. 23rd St., submitted low bid to pave north end of Jefferson St., bet. Western and 2nd Ave., involv. 142,002 sq. ft. rough grading at 2c ft.; 143,002 sq. ft. 6-in. conc. paving at 25.75c ft.; 364 ft. curb at 70c ft.; 585 ft. house sewers at \$1.50 ft.

LOS ANGELES, Cal.—Chas. T. Salata, 716 E. 6th St., submitted low bid to supervisors at \$12,450 to grade and pave with oil and screenings Ceritos Ave., bet. 17th and State Sts., near Long Beach, R. D. 1, No. 231, approx. 621 lin. ft. or 12.6 mi., involv. 154 cu. yds. earth; 2880 sq. yds. shaping roadbed; 2580 sq. yds. oil and screenings. Other bids were: Napier & Simpson, \$13,818; M. S. Cummings, \$15,177.

SACRAMENTO, Cal.—City Commission awards following contracts; work under 1911 Act:

McGillivray Const. Co., Capital Natl. Bank Bldg., Sacramento; 7th and 9th Aves., bet. Franklin Blvd. and Wm. Curtis Park; conc. curbs and gutters; c. i. gutter drains with 6-in. manhole connections; conc. manholes; 8-in. vit. sewers; grading and paving with 5 1/2-in. asphalt conc.; Cutter Way, bet. 7th and 8th Aves. conc. curbs and gutters; conc. manhole; 8-in. vit. sewer with 6-in. vit. wye branches; 6-in. vit. sewer services to property line; grading and paving with 1 1/2-in. asphalt conc.

A. Teichert & Son, Oschner Bldg., Sacramento; 50th St., bet. R & T Sts., const. conc. curbs and gutters; c. i. gutter drains with 6-in. vit. manhole connections; reconst. manholes; grading and paving with 5 1/2-in. asphalt conc.

J. W. Turrell, 1111 29th St., Sacramento; 32nd St., bet. H and J Sts.; 6-in. vit. sewer with wyes; extending 6-in. vit. sewer services to property line; conc. manholes.

T. M. Iurans, 2207 M St., Sacramento, alley bet. 2d and 3d Sts., 100 ft. conc. curb wall; conc. catchbasins with 6-in. vit. sewer connections; grading and paving with 5-in. hyd. conc.

T. M. Iurans, Sacramento, alley bet. K and 2nd and 3rd Sts., conc. curb wall; reconst. manholes and catchbasins; grading and paving with 5-in. hyd. conc. Albert Givan, city eng.

CALIPATRIA, Cal.—Until 8 p. m. Jan. 11, bids will be received by city trustees to const. sewers in the following streets:

Certain alleys and streets including alley S. of Main St., from International Blvd. to Lake Ave., alley west of Lake Ave., from Main St. to Alameda St., alley bet. Lake and Elder Sts., from Alameda St. to International Blvd., and other alleys and streets, involv. 6-in. vit. pipe sanitary sewers.

Alley west of Imperial Ave., bet. Santa Barbara and Alexandria St., alley east of Holy Bird Ave., bet. same streets involv. 6-in. vit. sewers; alley bet. Delta and California Sts., from East 6th Ave. to Holabird Ave. and other alleys, involv. 8-in. pipe; alley bet. Delta and California Sts., bet. Holabird Ave. and International Blvd., involv. 10-in. pipe. Cert. checks or bonds 10%. P. N. Myers, clerk.

EL CENTRO, Cal.—J. A. Costello Jr., 1083 Shotwell St., San Francisco, submitted low bid to city trustees at \$33,919 for paving various city streets under 7 separate contracts, involving 154,700 sq. ft. 2-in. asphalt conc. wearing surface on 5-in. conc. base, 79,600 sq. ft. 2-in. asphalt conc. base, 10,000 sq. ft. 3-in. curb, 3800 sq. ft. 5-in. gutter, 598 3-in., 276 1-in. seven 4-in. water service connections, 1978 ft. 4-in., 679 6-in. pipe, 5457 sq. ft. 10-in. iron water mains, 4350 sq. ft. walk & hydrant, 8 lighting standards, four 5-in. culverts, and 2 catchbasins. Other bids were: Warren Constr. Co., Los Angeles, \$410, 1432; Geo. R. Daley, San Diego, \$416, 772; California Constr. Co., San Diego, \$433, 523.

OAKLAND, Cal.—Until Dec. 23, 12 M. bids will be rec. by E. K. Sturgis, City Clerk, to imp. E-27th Ave., from Peralte Ave., northwest, involv. 13,359 sq. ft. grading; 628 lin. ft. 6-in. sewer; 1315 sq. ft. conc. gutter; 7, 051 sq. ft. oil macadam pavement; 3,087 sq. ft. conc. walks. 1911 Act. W. W. Harmon city eng.

SAN JOSE, Santa Clara Co., Cal.—Hugh Crumney, San Jose, awarded contract by council to improve Keyes St., bet. 6th and 10th Sts., grading, paving with 2-in. Warren Ave. concrete on 3 1/2-in. bit. conc. base; conc. curbs, gutters, walks and alley driveways; 4 br. catchbasins; S.in. vit. pipe drains.

SAN DIEGO, Cal.—Fairchild-Gilmore-Wilton Co., 25 14th St., San Diego, was awarded contract by city council Dec. 11, at \$32,558.66 for paving Adams Ave., between Adams and Utah Sts. Other bids were: Carl Connor, Co., \$37,886.22; Geo. R. Daley, \$39,582.55.

WATSONVILLE, Santa Cruz Co., Cal.—Granite Rock Co., Watsonville, at approx. \$2700 awarded contract by Watsonville High School District to grade for tennis court, etc., adjoining high school grounds.

SAN DIEGO, Cal.—H. G. Fenton, 10th and B. Sts., San Diego, awarded contract by city council at \$225.45 for grading and const. walks on Greeley Ave.
Geo. R. Daley, 4430 Boundary St., San Diego, awarded contract at \$17,357.31 for paving Granada Ave., Redwood St., and alley in M. Gurwell's sub.

PHOENIX, Ariz.—Pacific Constr. Co., submitted low bid to state highway dept. at \$1,176 to surface 5 mi. on Mesa-Superior highway with 2-in. asph. concr. The bid was \$117 sq. yd. with additional material at \$8.30 yd. and 30c a ton mile haulage; limit 120 cu. yds. Other bids: J. J. Lingan & Reed Co., \$1.24 yd.; total, \$56,172; additional material, \$7.77 yd. haulage, 27c ton mi.; 120 wks. days. White & Miller, \$1.29 yd.; total, \$68,112; additional material at \$8.50 yd. and 30c ton mile haulage. Bids referred to Thomas Maddock, state eng.

FRESNO, Fresno Co., Cal.—Supervisors reject bids to const. Jacobia Blvd. Cut-off rd. Invol. 12,000 cu. yds. of unclass. earthwork; 156 lin. ft. 8-in. and 208 lin. ft. 12-in. corr. iron pipe; 1 cu. yd. cement concrete work will be done by day labor under the supervision of County Survey, Chris P. Jensen, Cory Bldg., Fresno.

PORTERVILLE, Tulare Co., Cal.—Chamber of Commerce of Lone Line has furnished local chamber of commerce with estimate made by Eugene Skinner to build proposed road between Porterville and Lone Line, at \$121,198. Frank P. Cunningham, forest supervisor for the district, places the cost as much higher.

CARSON CITY, Nev.—Following are approx. quantities of materials involved for projects for which Nevada State Highway Commission will open bids Dec. 27:

Clark County, from 2 mi. s. w. of Dry Lake to Crystal, 8.20 mi. in length; 35,000 cu. yds. unclass. excav.; 3529 yd. sta. overhaul; 8.20 miles prepare subgrade and shoulders; 11,100 cu. yds. lead and screen gravel; 37,350 yd. m. haul gravel; 11,100 cu. yds. spread gravel; 133 cu. yds. class "12" conc.; 558 lin. ft. 15-in. dia. lin. ft. 18-in. 136 lin. ft. 24-in. and 28 lin. ft. corr. metal pipe, complete in place; 30 monuments.

Lincoln county, from Pony Springs to Dutch John, 9.56 mi. in length; 3,200 cu. yds. unclass. excav.; 7.30 mi. prepare subgrade and shoulders; 6100 cu. yds. lead and screen gravel; 24,400 yd. m. haul gravel; 6100 cu. yds. spread gravel; 65 cu. yds. class "A" and 39 cu. yds. class "B" conc.; 420 lin. ft. 15-in. 966 lin. ft. 18-in. and 238 lin. ft. 24-in. corr. metal pipe, complete in place; 12 monuments; 2 sign posts. Note—The work to be contained in the contract will be that work will not need to be commenced until the spring of 1923, when work shall be commenced within 10 days after notice is given the contractor by the State Highway Engineer, which notice will be given as early in the spring as weather conditions render it desirable to prosecute the work to advantage.

Churchill county, from east city limits of Fallon to 4.38 mi. south thereof; 2,000 cu. yds. unclass. excav.; 315 cu. yds. class "A" and 15 cu. yds. class "12" conc.; 76 lin. ft. 15-in., 76 lin. ft. 18-in., 52 lin. ft. 24-in., and 66 lin. ft. 30-in. corr. metal pipe, complete in place; 18 sign posts. Note—Contractor will furnish sand and gravel for concrete in stock piles at Fallon.

LOS ANGELES, Cal.—Until 11 a. m. Jan. 8, bids will be received by county supervisors for improving Washington Blvd., bet. bridge west of Adams St. and Eastman St. (Rd. Dist. No. 4), with 6-in. corr. metal base and 3-in. wearing surface, 26 ft. wide, (5073 lin. ft. or \$86 m.), invol. 3503 cu. yds. excav.; 22,546 sq. yds. shaping road surface; 1227 cu. yds. 10-in. asph. conc. base; 1533 tons asph. conc. surface; 14,655 sq. yds. asph. flush coat wearing surface. Average haul 0.75 mi. from Culver junction on E. E. Ry.

SANTA MONICA, Cal.—J. D. Kneen, Dudley Block, Santa Monica, awarded contract by city council at \$15,000 to construct sewer in Orchard Tr., bet. W. Shilshire Blvd. and Colorado Ave.

LOS ANGELES, Cal.—Fairchild-Gilmore-Wilton Co., L. A. Ry. Bldg., L. A., submitted low bid to supervisors at \$79,233 to pave Workman-Mill road in Rd. Dist. No. 1, in the county of Los Angeles, bet. Whittier Blvd. and Pomona River, 32,420 ft. or 62 mi., invol. 120 cu. yds. excav. at \$125 yd., 64,840 lin. ft. shaping earth shoulders at 10c ft. 30 cu. yds. dish. granite base at \$2.50 yd., 520 tons asph. conc. wearing surface at \$6 ton, 2,260 tons asph. conc. base at \$5.20 ton, rein. conc. culvert at \$2800, 77,500 sq. yds. asph. flush coat wearing surface, 1 cu. yd. cement concrete base, Geo. H. Oswald, \$80,256.40; L. A. Paving Co., \$84,691.80; Southwest Paving Co., \$89,116.30; Geo. R. Curtis, \$102,811.

LOVELL, San Joaquin Co., Cal.—H. C. Maddox, Sacramento, awarded contract by city trustees for fur. and del. vit. sewer pipe, 18 in. dia., 16-in. dia., 16-in. dia., 2000 ft., 6-in. dia., 17 in. wyes, \$70. Total \$13,125.50.

SANTA MONICA, Cal.—Kneen Paving Co., Dudley Bldg., Santa Monica, awarded contract to grade and pave alleys in blocks L and M. The Palasades, incl. const. of vit. pipe house sewers.

LOS ANGELES, Cal.—Geo. H. Oswald 566 E. 58th St., submitted low bid to supervisors at \$32,774.53 for improving San Fernando Rd. through the city limits from S. 1st crossing north to L. A. city limits in Dd. Dist. No. 5, 3690 ft. of 1.67 mi. by paving with asph. conc. 22 ft. wide, invol. 806 cu. yds. excav. and 806 cu. yds. 7-in. asph. conc. shaping earth shoulders at 5c yd., 2533 tons asph. top at \$5.60 ton, 21,242 sq. yds. asph. flush coat wearing surface at 9c yd. Other bids: Fairchild-Gilmore-Wilton Co., \$34,475.50; Southwest Paving Co., \$43,207.77; Geo. R. Curtis, \$46,891.55.

SACRAMENTO, Cal.—Until Dec. 28, 9 a. m. bids will be received by H. G. Denton, city clerk, to improve Stockton Blvd. from trunk line sewer in 5th Ave. to 1st north of the city, 5th Ave. first north of 5th Ave., east of Stockton Blvd., by const. vit. pipe sewer; conc. manholes with c. l. curbs and covers; improve alley 1st north of the city, from pt. 37 ft. west from east line Stockton Blvd. to pt. 1739 ft. easterly, by const. vit. sewer with wye branches; conc. manholes with c. l. curbs and covers; const. flusher branch, Cert. check 10% payable to city required. Albert Givian, city engineer.

STOCKTON, San Joaquin Co., Cal.—Until Jan. 2, 10:30 a. m. bids will be received by A. L. Banks, city clerk, to const. storm water sewers in Blain's Lake from S. Sierra Nevada St. bet. Sonora and Church and in Sonora St. bet. Sierra and East St. Cert. check 10% payable to city clerk required. W. B. Hogan, city engineer.

SAN MARINO, Cal.—D. J. Milosevich, 229 N. Alma St., Los Angeles, submitted low bid to city trustees at \$28,890 for const. alley sewer for the city of San Marino, consisting of approx. 2 mi. of 12-in. to 20-in. vit. pipe sewer. Wm. Chambers, consulting eng., 61 S. Raymond Ave., Pasadena, 7th sec. 12-in. sewer, 100 ft. long, 12-in. dia. line running through Marino and Alhambra to Pasadena sewer farm. Bonds to amount of \$10,000 have been voted by San Marino. Approx. quantities: 2093 ft. 12-in. 2240 ft. 18-in. 3350 ft. 16-in. 2170 ft. 18-in. and 1560 ft. 20-in. vit. clay iron pipe; 54 manholes and 150 in-l. curbs and covers. Other bids: W. C. Calver, C. F. Frieble Co., \$29,525.36; C. E. Green, \$32,574; H. D. Churchill Co., \$24,175; Milagrovich & Gillespie; \$34,300; Shepherd & Weber, \$31,950; Thomas H. Bay, \$30,442.71; Geo. H. Teet, \$36,813. Bids taken under advisement.

SANTA ANA, Cal.—Until 2 p. m. Jan. 2, bids will be received by county supervisors to improve portion of Placencia Ave. and other highways in Rd. Imp. Dist. No. 13, including grading and paving with 6-in. to 8-in. corr. metal base, gravel shoulders, 22 ft. wide all on 1-in. gravel sub-base, 22 ft. wide County will furnish 5500 bbls. cem., 2800 cu. yds. gravel; est. val., \$18,000. Plans and spec. on file at office of Co. Rd. Comm. J. T. McBride.

LOS ANGELES, Cal.—Board of Public Works authorized by council to issue a permit to Hart Bros., proprietors of the Rosslyn Hotel to construct a tunnel under Fifth St., between Main and Spring Sts., to connect with a proposed tunnel to be built on E. S. w. corner of Fifth and Spring Sts.

LOS ANGELES, Cal.—Council declares intent to improve Larchmont Blvd., bet. Melrose and Beverly Blvd. and portions of other streets by grading and paving with 6-in. conc., const. cement walk, rein. conc. storm sewer, 36-in. dia. house connections; Vrooman Act.

ANTIOCH, Contra Costa Co., Cal.—Eng. Clyde Smith, 7 Nottingham Ave., Berkeley, will prepare spec. for town trustees to install settling basins with capacity of 500,000 gals. at city water plant.

FULLERTON, Cal.—U. S. East Iron Pipe & Foundry Co., awarded contract by council for 800 ft. east iron pipe for that city to grade and pave sewer which will extend into the ocean.

CALIFORNIA—Following contracts awarded by State Highway Commission December 19:

Hauser Construction Co., Henry Bldg. Portland, Ore., and San Francisco at \$598,085; Ventura county, bet. pt. 3 1/4 miles southwest from bend for Road 2 and Ridge Ranch, 7.4 mi. to be graded 520,000 cu. yds. excav. without classification; 195 cu. yds. class A Port. cem. conc. (culverts and monuments); 312 lin. ft. 18-in., 361 lin. ft. 24-in. and 223 lin. ft. 30-in. rein. conc. pipe; 362 monuments. Comm. will furnish rein. conc. pipe and cement.

R. E. Schoe, Riverside, at \$193,645; Madera county, bet. west boundary and California, 14.2 mi. to be graded and paved with asph. macadam; 84,150 cu. yds. excav. without classification; 2000 tons broken stone (asphalt macadam); 710 tons asphalt grade E spread (asphalt macadam); 290 cu. yds. class A Port. cem. conc. (culverts and monuments); 1920 lin. ft. 12-in., 900 lin. ft. 18-in. and 726 lin. ft. 24-in. corr. metal pipe; 551 mi. moving and resetting property fences; 120 lin. ft. guard rail; 58 monuments. Comm. will furnish cement and coarse aggregate for conc., corr. metal pipe, broken stone, screenings and asphalt grade E.

Granite Construction Co., Watsonville, at \$131,732.35; San Benito and Santa Clara Counties, bet. Hollister and Pacheco Pass Road, 8.2 mi. to be graded and paved with asph. macadam; 20,000 cu. yds. excav. without classification; 2400 cu. yds. gravel or broken stone in subbase; 31,000 tons broken stone (asph. macadam) 460 tons asphalt, grade E spread (asph. macadam); 300 cu. yds. class A Port. cem. conc. (culverts and monuments); 1418 lin. ft. 12-in., 382 lin. ft. 18-in., 165 lin. ft. 24-in. and 88 lin. ft. 30-in. corr. metal pipe; 340 lin. ft. guard rail; 85 monuments. Comm. will furnish steel, corr. metal pipe, cement, sand and coarse aggregate for conc. and broken stone, screenings and asphalt, grade E for asph. macadam.

Louis Tagnon, Vallejo, at \$33,519.20; Contra Costa county, bet. Hercules and Rodeo, 1.8 mi. to be graded and paved with Port. cem. conc.; 18,400 cu. yds. excav. without classification; 2500 cu. yds. gravel or broken stone in subbase; 3500 cu. yds. class A Port. cem. (pavement, shoulders and repair to old base); 80 cu. yds. repair of broken conc. in existing base; 18 cu. yds. class A Port. cem. conc. (culverts and monuments); 48 lin. ft. 15-in., 132 lin. ft. 18-in. and 140 lin. ft. 24-in. corr. metal pipe; 20 monuments. Comm. will furnish rein. steel, corr. metal pipe, cement, sand and coarse aggregate for conc. and gravel or broken stone for subbase.

Blume-Kranz and Verner, Farmers & Merchants Bldg., Stockton, at \$141,275; Yuba County, bet. Morrison's crossing and 1 mi. south of Marysville, 8.2 mi. to be graded and paved with asph. macadam; 23,000 tons broken stone, shoulders and surface (asphalt macadam); 510 tons asphalt, grade E spread (asphalt macadam); 2000 cu. yds. gravel or broken stone, screenings and asphalt; grade E.

SOUTH PASADENA, Cal.—Proceedings to pave Hope St., bet. Fair Oaks and Milan Aves., with 2-in. oil macad. have been started.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
4368	Quinn	Owner	1000
4369	Little	Little	8000
4370	Nelson	Owner	4000
4371	Pacific Tel	Matthies	3750
4372	Nelson	Owner	4000
4373	Same	Same	9000
4374	Lurie	Meyer	9000
4375	Nelson	Owner	4000
4376	Same	Same	4000
4377	Same	Same	3000
4378	Same	Same	4000
4379	Same	Same	3000
4380	Same	Same	4000
4381	Same	Same	12000
4382	Breen	Owner	15000
4383	Kaarboe	Owner	20000
4384	Hamill	Owner	10500
4385	Adams	Horstmeyer	7600
4386	Brown	Peterson	8000
4387	Moore	Schell	3264
4388	Savage	Owner	11000
4389	Malloch	Owner	5000
4390	Scott	Owner	1000
4391	O'Mara	Owner	3000
4392	Getz	Owner	4000
4393	Allen	Owner	8000
4394	St. Francis	Mangels	20100
4395	Same	Same	6620
4396	Roundey	Owner	3000
4397	Petzold	Owner	6000
4398	Bauer	Hoyer	125000
4399	Frattessa	Owner	2950
4400	Blankenburg	Owner	12000
4401	White	McSheehy	2950
4402	Gersh	Owner	1000
4403	Bruno	Owner	3000
4404	Coffin	Johns	1000
4405	Melbourne	Hamilton	1500
4406	Lindeman	Lindeman	5500
4407	Same	Same	5000
4408	Fed Reserve	Sartorius	30000
4409	Same	Musto	57400
4410	Same	Vermont	159180
4411	Same	Forderer	11468
4412	Same	Rigney	36145
4413	Lund	Owner	2000
4414	Stappf	Hall	5000
4415	Slepniokoff	Owner	3000
4416	Bennett	Owner	10000
4417	Lurie	Meyers	60000
4418	Cooper	Owner	10000
4419	Anglo	McLaren	9500
4420	Watson	McKenzie	1200
4421	Sorbi	Owner	5000
4422	Nelson	Owner	28000
4423	Ch. of Nazarene	Cohn	22000
4424	Ingleside	Owner	4000
4425	Spring Valley	Petersen	56000
4426	Savage	Crouse	5500
4427	Gould	Seanton	2000
4428	Verner	Owner	18000
4429	Pfeifer	Bjorkman	4000
4430	French	Peterson	1000
4431	S. P. Co	Owner	3000
4432	Schroth	Freche	1500
4433	Irvine	Owner	1950
4434	Camuddy	Owner	6000
4435	Brickell	Collman	2000
4436	Nickols	Hamill	1000
4437	Meyer	Meyer	18000
4438	Hamill	Owner	4000
4439	Dale	Hamilton	15500
4440	Bruno	Brisa	2800
4441	Little Sisters	Hampton	7850
4442	Anglo London	Bateman	23344
4443	Hermann	Coburn	3300
4444	Hamill	Owner	12000
4445	Meagher	Miller	1150

4446	Langley	Owner	1500
4447	Hamill	Owner	4000
4448	Hermanson	Owner	5000
4449	Caesar	Coburn	1000
4450	Wash	Olson	3500
4451	Brownstone	Owner	85000
4452	Schwartz	Owner	50000
4453	Steffens	Ludwig	15800
4454	O'Neill	Buschke	2200

DWELLING	
(4368) S CLEMENT 90 W 39th Ave.	
One-story and basement frame dwelling.	
Owner—Arthur Quinn, 2666 17th St., San Francisco.	
Architect—Ida F. McCain, 318 Kearny St., San Francisco.	\$4000

FLATS	
(4369) N FULTON 77-6 E Cole Two-story and basement frame (2) flats.	
Owner—John Little, 1935 Lincoln Way San Francisco.	
Architect—None.	
Contractor—John Little & Son, 1935 Lincoln Way, S. F.	\$8000

DWELLING	
(4370) NW GREENWOOD & VALDEZ One-story and basement frame dwelling.	
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.	
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.	\$4000

ALTERATIONS	
(4371) NO. 827 HYDE ST. Construct suspended ceiling and repair plastering; painting; enclose basement stairs with 8-in brick wall.	
Owner—The Pacific T. & T. Co., 332 Grant Ave., San Francisco.	
Architect—Eng. Dept. of Owner, 807 Sheldon Bldg., San Francisco.	
Contractor—Matthies & Gale, 180 Jessie St., San Francisco.	\$3750

DWELLING	
(4372) NE HAZELWOOD & JUDSON. One-story and basement frame dwelling.	
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.	
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.	\$4000

DWELLINGS	
(4373) W HAZELWOOD 52, 92 and 132 S Montecito. Three one-story and basement frame dwellings.	
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.	
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.	\$3000 each

AUTO BODY WORKS	
(4374) SW MINNA AND TENTH STS. One-story reinforced concrete auto body works.	
Owner—The Lurie Co., % Architect.	
Architect—O'Brien Bros., Inc., 240 Montgomery St., San Francisco.	
Contractor—Meyer Bros., 5824 Geary St., San Francisco.	\$9000

DWELLING	
(4375) SW MONTECITO & HAZEL-wood. One-story and basement frame dwelling.	
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.	
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.	\$4000

DWELLING	
(4376) W PLYMOUTH AVE 162 N Wildwood. One-story and basement frame dwelling.	
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.	
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.	\$4000
(4377) W PHELAN 33 S Staples. One story and basement frame dwelling.	
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.	
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.	\$300

DWELLING	
(4378) SE PLYMOUTH AND SAN Ramon. One-story and basement frame dwelling.	
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.	
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.	\$4000

DWELLING	
(4379) E PLYMOUTH AVE 117 S San Ramon. One-story and basement frame dwelling.	
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.	
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.	\$3000

DWELLING	
(4380) SW STAPLES AND PHELAN. One-story and basement frame dwelling.	
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.	
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.	\$4000

DWELLINGS	
(4381) W VALDEZ 75, 155, 315 and 235 S Monterey. Four one-story and basement frame dwellings.	
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.	
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.	\$3000 each

FRAME FLATS	
(4382) NW FULTON & TWENTIETH Ave. Two-story and basement frame (2) flats.	
Owner—Wm. T. Breen, 425 Kearny St., San Francisco.	
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.	\$15,000

FRAME FLATS	
(4383) S FLBERT 126-9 E Scott. Three-story and basement frame (3) flats.	
Owner—Dr. Olaf Kaarboe and E. A. Trinkle, 909 Hyde St., S. F.	
Architect—Wm. Gladstone, 806 Masonic Ave., San Francisco.	\$20,000

FLAT, ETC.	
(4384) S GEARY 40 E Blake. Two-story concrete auto repair shop and flat.	
Owner—Thos. Hamill, 6140 Geary St., San Francisco.	
Architect—John J. Foley, 770 5th Ave., San Francisco.	\$10,500

BUILDING	
(4385) N MARKET bet. Diamond and Eureka. All work for two-story frame building.	
Owner—Amalia S. Adams, 40 Collingwood St., San Francisco.	
Architect—None.	
Contractor—Wm. Horstmeyer, 31 Ord St., San Francisco.	

Owner—John Brickell, 213 Lick Bldg., San Francisco.
 Architect—J. R. Miller and T. L. Fluenger, 213 Lick Bldg., S. F.
 Contractor—A. D. Colman, 189 Jessie St., San Francisco. \$2000

ALTERATIONS

(4436) N GEARY 95 W Ninth Ave. Remodel store and dwelling.
 Owner—E. W. Nickols, 5500 Geary St., San Francisco.
 Architect—None.
 Contractor—Thos. Hamill, 6140 Geary St., San Francisco. \$1000

DWELLINGS

(4437) W THIRTY-EIGHTH AVE 475, 200, 225, 250, 275 and 300 N Anza. Six one-story and basement frame dwellings.

Owner—Meyer Bros., 5326 Geary St., San Francisco.
 Architect—H. C. Baumann, 251 Kearny St., San Francisco.
 Contractor—Meyer Bros., 5326 Geary St., San Francisco. \$3000 each

DWELLING

(4438) W TWENTY-EIGHTH AVE 344 N Cabrillo. One-story and basement frame dwelling.
 Owner—Thos. Hamill, 6140 Geary St., San Francisco.
 Architect—None. \$1000

COMPLETE APTS.

(4439) NO. 2441 GREAT HIGHWAY. All work for completion of apartment house.

Owner—Mrs. Harvey Dale and Harry L. Dale, Premises.
 Architect—None.
 Contractor—Hamilton & Costello, 5811 Geary St., San Francisco.

Filed Dec. 20, '22. Dated Nov. 1, '22.
 On signing contract.....\$3000
 Entire interior installed.....1000
 Interior and exterior plastered 5000
 Interior has been trimmed.....2000
 Usual 35 days.....1500
 TOTAL COST, \$13,500
 Bond, none. Limit, Feb. 21, 1923. Forfeit, plans and specifications, none.

REPAIRS

(4440) W GRANT AVE -- N Vallejo No. 1331-35 Grant Ave. All work for repairs and reconstruct building damaged by fire.

Owner—J. Bruno.
 Architect—Haggett & Hirschfeld, 12 Geary St., San Francisco.

Contractor—A. Brisa, 1041 Kearny St., San Francisco.
 Filed Dec. 20, '22. Dated Dec. 19, '22.
 Rear porches completed, stair work up and rooms brown coated.....\$1125
 Completed and accepted.....1125
 Usual 35 days.....950
 TOTAL COST, \$3200
 Bond, none. Limit, as fast as possible. Forfeit, plans and specifications, none.

ELECTRIC WORK

(4441) N LAKE 129 E Fifth Ave N 504-44 E 32-3 S 780-6 W 342-2. Electric work for lighting system and partial power system for five-story building.

Owner—Little Sisters of the Poor of San Francisco.
 Architect—Leo J. Devlin, Pacific Bldg., San Francisco.

Contractor—E. J. Highton (as Hampton Electric & Mfg. Co.), 525 Howard St., San Francisco.

Filed Dec. 2, '22. Dated Nov. 17, '22.
 Completed and accepted.....\$5887.50
 Usual 35 days.....1962.50
 TOTAL COST, \$7850.00
 Bond, \$3925. Sureties, F. E. Waterhouse and L. O. Waterhouse. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

ADDITION

(4442) W SANSOME 46-106 m or 1 N Sutter N 91-6xW 122-6. Rough and finish carpentry and cabinet work in consultations rooms, directors' room, women's rest room and window trim, etc., for addition to bank building.

Owner—Anglo & London Land Nat'l Bank by P. J. Walker, Agents.
 Architect—Geo. W. Kilham, Sharon Bldg., San Francisco.

Contractor—Wm. Bateman, 1915 Bryant St., San Francisco.

Filed Dec. 20, '22. Dated Oct. 31, '22.
 On 10th of each month.....75%
 Usual 35 days.....25%
 TOTAL COST, \$23,244
 Bond, \$11,672. Surety, Union Indemnity Co. Limit, 6 months. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(4443) NO. 1125 POST. Alterations and repair work for Marion Apartments.

Owner—J. S. H. Mann.
 Architect—W. F. Schmolle, 40 Montgomery St., San Francisco.
 Contractor—Ira W. Coburn, Hearst Bldg., San Francisco.

Filed Dec. 20, '22. Dated Dec. 19, '22.
 On 1st of each month.....75%
 Usual 35 days.....25%
 TOTAL COST, \$2300

Bond, \$1650. Surety, —, Limit, 30 days. Forfeit, \$10. Plans and specifications filed.

FLATS

(4444) S CARL 177-5 and 205-5 W Willard. Two two-story and basement frame (2 in each) flats.
 Owner—Thos. Hamill, 6140 Geary St., San Francisco.

Architect—None. \$5000 each

ALTERATIONS

(4445) SE FILLMORE AND EDDY. Install new front 1st floor.

Owner—Mcagher & Adon, 1235 Fillmore St., San Francisco.
 Architect—None.

Contractor—H. Miller, 180 Jessie St., San Francisco. \$1150

ALTERATIONS

(4446) NO 50-50 FIRST ST. Remove 19-h. upright steam boiler in 7th floor and replace with 20-h. p. 80-90 g. Marine type.
 Owner—Langley & Michaels Co. Prem.
 Architect—None. \$1500

NOT AWARDED.

DWELLING

(4447) SW FORTY-SIXTH AVE AND Balboa. One-story and basement frame dwelling.

Owner—Thos. Hamill, 6140 Geary St., San Francisco.

Architect—None. \$4000

DWELLING

(4448) E GOUGH 75 S Francisco. One-story and basement frame dwlg.

Owner—E. Hermanson & John Eldrup, 3723 Market St., San Francisco.

Architect—None. \$5000

REPAIRS

(4449) NO. 524 MARKET. Repair plaster, T & G roofing; painting and tinting for restaurant.

Owner—Mrs. Caesar, Premises.
 Architect—None.
 Contractor—Clas. Coburn, 180 Jessie St., San Francisco. \$1000

ADDITION

(4450) NO. 3861 TWENTY-ETH. Move dwelling; add 2 rooms.

Owner—Mr. and Mrs. Walsh, 3859 20th St., San Francisco.

Architect—Chas. F. Strothoff, 2271 15th St., San Francisco.

Contractor—Olson & Sundquist, 353 Holloway Ave., S. F. \$3500

APARTMENTS

(4451) S JACKSON 124-3 E Franklin. Five-story and basement concrete (11) apartments.
 Owner—Edgar Brownstone and I. R. Kissel.

Architect—Bliss & Paville, 1001 Balboa Bldg., S. F. \$85,000

APARTMENTS

(4452) W SCOTT 55 S Grove. Three-story and basement frame (12) apartments.

Owner—S. A. Schwartz, 430 Funston Ave., San Francisco.

Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco. \$50,000

APARTMENTS

(4453) SW MISSION AND CLARION Ave. Two-story and basement reinforced concrete stores and (4) apartments.

Owner—Ernest Steffens, % Architect.
 Architect—D. C. Coleman, 110 Sutter St., San Francisco.

Contractor—Herman T. Ludwig, 636 Jessie St., S. F. \$15,800

CONCRETE WORK

(4454) SE NATOMA 135 SW Third SW 40XSE 80. Concrete work for one-story and basement Class C reinforced concrete and timber construction building.

Owner—Daniel O'Neill, 273 Minna St., San Francisco.

Architect—J. E. Kraft & Sons, Phelan Bldg., San Francisco.

Contractor—Buschke & Brown, 451 Paris St., San Francisco.

Filed Dec. 21, '22. Dated Dec. 14, '21.

Completed and accepted.....\$1650.

36 days after.....550

TOTAL COST, \$2200
 Bond, \$1100. Surety, Fidelity & Deposit Co. of Maryland. Limit, as required. Forfeit, \$5. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Dec. 15, 1922—E FIFTEENTH AVE 50 N Judah N 25xE 100. John E. and Ethel M. McCarthy to whom it may concern.....Dec. 17, 1922

Dec. 15, 1922—W TWENTY-FIRST Ave 100 S Balboa S 104xW 120. A V Anderson to whom it may concern.....Dec. 13, 1922

Dec. 15, 1922—S HIDALGO TERRACE 128-3 E Dolores E 25xS 100. Manuel Snyder to whom it may concern.....Dec. 12, 1922

Dec. 15, 1922—N CLEMENT 107-6 E Twenty-third Ave E 25xN 100. Frank and Frances M. Sasse to Edward F. Helms.....Dec. 14, 1922

Dec. 15, 1922—N O'FARRELL 110 W Hyde 48x137-6. D J Clancy to whom it may concern.....Nov. 20, 1922

Dec. 15, 1922—E TWENTY-SECOND Ave 123-4, 166-9 and 200 N Ulloa N 33-4x120. Larkside Realty Co to whom it may concern.....Dec. 15, 1922

Dec. 16, 1922—W TWENTY-SIXTH Ave 325 S Clement S 25 W 117-74 NW 25 m or 1 E 120-23 m or 1 to beg. Joseph Barrett to whom it may concern.....

Dec. 16, 1922—NE STOCKTON AND Campton Place E 130 N 50 W 50 S 20 W 80 S 30. Wm F Wilson Est to The Neal Co.....Dec. 9, 1922

Dec. 16, 1922—LOT 57 Sea Cliff. Margaret C Rosenblatt to H J Hansen.....Dec. 2, 1922

Dec. 16, 1922—N PACIFIC AVE 41 W Larkin 25x67-9. John Barke and Mrs. Catherine Barbe to E K Nelson Bldg Co.....Dec. 15, 1922

Dec. 16, 1922—NO. 123 ELLERT ST. Caroline Thomas to Henry Harder.....Dec. 8, 1922

Dec. 18, 1922—N GROVE 126 W Ashbury 27-6x137-6. Vincent Virgillis to E K Nelson Bldg Co., Dec. 18, 1922
Dec. 18, 1922—E TWENTY-SEVENTH AVE 45 S Cabrillo 50x95. John D Bullwinkel to Thos E Mohler,

Dec. 18, 1922—LOT 193 Holiday Map "A". Wm R McKnight to whom it may concern,

Dec. 18, 1922—S GROVE 86 W Octavia 25x60 No. 519-521 Grove. E J Coakley and D W Wallace to whom it may concern,

Dec. 18, 1922—W WEBSTER 50 S Clement 8 28xW 42. Guilio Stradi to Paul De Martini,

Dec. 18, 1922—S ARMY 50 E Harrison E 50xS 100. Stanislaus, Felix Charlotte C and Kathara Regli to Michael C Reuch,

Dec. 18, 1922—COMG 115 W Douglas and 559-103 S Caselli W 41-8 S 39 SE 46 N 61. Lert Miller to whom it may concern,

Dec. 19, 1922—NW ARLINGTON 138 NE Roanoke NE 25xNW 150 Ptn Lot 6 Blk 7, Flint Tct. Alexander Koffer to whom it may concern,

Dec. 19, 1922—NO. 1911 LEAVEN-worth Bld Union and Green. Marianne M and G Elizabeth Atkins to whom it may concern,

Dec. 19, 1922—W FOURTEENTH AVE 118 S Anza S 25xW 120. Samuel Butler to Emil Nelson,

Dec. 19, 1922—NO. 2408 To 2412 Mission. Mathilde Provpe to Joseph Dunn,

Dec. 19, 1922—LOTS 11, 12 AND 13, Blk 3137, Westwood Park. Hans and Esther E Nelson to whom it may concern,

Dec. 19, 1922—S DAY 180 E Church E 25xS 114. Armando & Marianna Berti to whom it may concern,

Dec. 19, 1922—812 RHODE ISLAND. Tom Panagiotopoulos to Hamilton & Costello,

Dec. 19, 1922—N PACIFIC AVE 137-6 E Polk 34-41x127-8-4. A J Rich & Co to whom it may concern,

Dec. 19, 1922—S FLOOD AVE 225 W Edna W 25xS 112-6 Lot 31 Blk 18, Sunnyside. Henry W Austin to James Arnott & Son,

Dec. 19, 1922—E POLK 40 S Greenwich S 48-9xE 100 Axel A Johnson to whom it may concern,

Dec. 19, 1922—SE MARKET 506 and 418 SW Seventh SW 44xSE 165. A F Rousseau to whom it may concern,

Dec. 20, 1922—LAGUNA HONDA Blvd, Vasquez Ave, Hernandez Ave and Idora Ave. Punnett & Parez to The Pay Improvement Co,

Dec. 20, 1922—E FIFTH AVE 275 S Geary S 25xS 120; S Bush 185-7 W Kearny W 25xS 120. The Pacific Telephone & Telegraph Co to MacDonald & Kahn,

Dec. 21, 1922—S CRESCENT AV 32-6 E Bache E 50xS 75 Ptn Lots 123 to 128 Holiday Map "A". Magdalena Mueller to whom it may concern,

Dec. 21, 1922—W EIGHTEENTH AV 175 N Clement N 25xW 120. Maria Asaro to whom it may concern,

Dec. 21, 1922—E MISSION 255 S 25th S 25xE 115. E A Garin to whom it may concern,

Dec. 21, 1922—E NINTH AVE 125 N Anza N 25x120. H O Lindeman to W R Lindeman,

Dec. 21, 1922—E THIRTEENTH AV 250 S Lake 30x125. Strand & Strand to whom it may concern,

Dec. 21, 1922—S CARMEL 208-104, E Cole 25x39 m or L. Francisco A and Robert A Long to Fred Warden,

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Dec. 15, 1922—W ORD 44 S 17th S 28 W 136 N 30 E 62 S 2 E 74 G W Hishop vs Nellie M and Garah Cassin \$1
Dec. 16, 1922—S ELLIS 101-9 E Fildmore E 33-9xS 137-6. Dolan Wrecking & Constr Co vs W M Foulkes and Ephraim and Fannie Hkovitsky and E Frank,

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Dec. 15, 1922—LOT 18 BLK 6, Flint Tract Hld Ass'n No. 451 Buena Vista Ave. Christenson Lumber Co to J F and Emily Code,

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Dec. 16, 1922—S PARALLONES 150 W Plymouth Ave W 25xS 125. Alexander Gdovin as to improvements on property,

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue:
5337 Gratiol Brown 2500
5338 Johnson Owner 2500
5339 Johnson Owner 3000
5340 Clark Reeves 2400
5341 Goldwater Muller 7000
5342 Damelson Oumundson 1000

5343 Voyer Anderson 14000
5344 McChesney Owner 12000
5345 Adams Plittner 3380
5346 Watson Calif 38600
5347 Gabbler Owner 4500
5348 Haysler Wells 2800
5349 Brown Owner 5200
5350 Smith Hendricksen 4000
5351 Pond Owner 3600
5352 Kennedy Birch 1500
5353 Osborn Owner 3800
5354 Pallen Owner 3000
5355 Bartlett Bartlett 6000
5356 Homer Hudson 9200
5357 Graybill Owner 4000
5358 Torrey Rogers 200
5359 Miller Tappan 10000
5360 Francis Owner 6000
5361 Prang Owner 4000
5362 Dunn Monroe 4500
5363 Minde Febre 2250
5364 Rodda Owner 2500
5365 West Owner 4500
5366 Francis Owner 2900
5367 Francis Owner 3000
5368 Francis Owner 4000
5369 Hart Horton 6800
5370 Ross Owner 1250
5371 Wally Owner 1250
5372 Soroson Owner 4000
5373 Woodburn Owner 4000
5374 Wohlheim Higgins 7000
5375 Hunter Owner 4000
5376 Rothmel Baughman 9000
5377 Minney Smith 3500
5378 Parker McCline 4600
5379 Larmoth Gaubert 3000
5380 Nelson Owner 2000
5381 Hewitt Hewitt 6000
5382 Hewitt Hewitt 6000
5383 Hewitt Hewitt 4000
5384 Prang Owner 5000
5385 Kramer Glantz 30 J
5386 Booth Warner 2000
5387 Knapp Knapp 5000
5388 Woodburn Owner 4000
5389 Oakland Schuler 117139
5390 Ross Lodge 3737
5391 Ghiradelli Stolte 5500
5392 Vaughn Lrown 2296
5393 Brady Swalley 5700
5394 Becker Norris 7000
5395 McLaren Shaw 1000
5396 Cordelino Lundholm 1900
5397 Alameda Owner 3000
5398 Bryan Houle 4000
5399 Peterson Peterson 6000
5400 Hansen Larson 5600
5401 Cramer Wieben 3500
5402 Bl-throad Owner 3600
5403 Feich Owner 2400
5404 Reith Owner 4500
5405 Fulton Fessender 2000
5406 Hammarberg Owner 3000
5407 Williams Rose 2000
5408 Graham Owner 4300
5409 Pace Owner 6000
5410 Hallberg Campomenosi 3750
5411 Page Owner 3000
5412 Thelst Owner 1900
5413 Wren Owner 6000
5414 Calif Knowles 2500
5415 Fennelly Fennelly 3500
5416 Glen-Jenlin Davis 3400
5417 Broadway Knowles 30373
5418 Adams Sutcliffe 2500
5419 Adams Plittner 3400
5420 Anderson Johnson 3500
5421 Rader Owner 2000
5422 Schenson Perry 3000
5423 Bean Owner 3000
5424 Henning Prang 1500
5425 Andersen Owner 6000
5426 Quimby Rheberg 6000
5427 Donant Pedgrift 40000

STORE

(5337) S GLEN AVE 120 E Piedmont Ave., Oakland One-story store. Owner—J. Gratiol, 51 Glen Ave., Oakland.
Architect—None.
Contractor—G. H. Brown, 47 Glen Ave., Oakland. \$2500

DWELLING

(5328) W HOLWAY 228 W Sixty-second Ave., Oakland. One-story 4-room dwelling.

Owner—K. A. Johanson, 2429 13th Ave., Oakland.
Architect—None. \$2500

DWELLING
(5339) W HOLWAY 267 W Sixty-second Ave., Oakland. One-story 5-room dwelling.

Owner—K. A. Johnson, 2429 13th Ave., Oakland.
Architect—None. \$3000

DWELLING
(5340) NO. 3822 NEVIL, Oakland. One-story 5-room dwelling.

Owner—Bessie Clark.
Architect—None.
Contractor—R. E. Reeves, 1505 37th Ave., Oakland. \$2400

GARAGE
(5341) S TWENTY-THIRD 200 W Broadway, Oakland. One-story brick garage.

Owner—Mandel Goldwater, 366 Grand Ave., Oakland.
Architect—None.
Contractor—F. A. Muller, Syndicate Bldg., Oakland. \$7000

ALTERATIONS
(5342) NO. 853 WALKER AVE., Oakland. Alterations.
Owner—M. Damelson.
Architect—None.
Contractor—C. Ommundson, 3870 Shafter Ave., Oakland. \$1000

TPARAMENTS
(5343) E TELEGRAPH AVE 52 N Forty-third, Oakland. Two-story tile 12-room apartments and store.
Owner—G. E. Voyer.
Architect—None.
Contractor—A. Frederick Anderson, 2800 Delaware St., Oakland. \$14,000

APARTMENTS
(5344) E KINGSLEY AVE 300 N Excelsior, Oakland. Two-story 16-room apartments.
Owner—W. E. McChesney, 1315 San Luis Ave., Oakland.
Architect—None. \$12,000

DWELLING
(5345) NW VINCENTE AVE. 301.42 SW Portland Ave SW 37.50xNW 100, Berkeley. All work for one-story 4-room dwelling.
Owner—Leonard O. and Millie M. Adams, 1810 Oxford St., Berkeley.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Ave., Oakland.

Filed Dec. 15, '22. Dated Dec. 11, '22
Frame up 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$3380
Bond, none. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

APARTMENTS
(5346) W HILLEGASS 120 N Ashby Av Berkeley. Three-story apartments.
Owner—Mrs. Olive A. Watson, 2324 Hillegass Ave., Berkeley.
Architect—None.
Contractor—California Builders Co., 1534 Franklin St., Oakland.
Filed Dec. 15, 1922. Dated Dec. 7, 1922.
During Construction.

TOTAL COST, \$38,000
Bond, none; Sureties, none; Forfeit, none; Commenced within 90 days; Plans and specifications, none.

DWELLING
(5347) NO. 481 FORTY-FIFTH ST., Oakland. One-story 6-room dwlg.
Owner—Joe Caldera, 357 49th St., Okd.
Architect—None. \$4500

DWELLING
(5348) NO. 3106 MINNA AVE., Oakland. One-story 5-room dwelling.

Owner—W. J. Heissler, 2740 2nd Ave., Oakland.
Architect—None.
Contractor—T. P. Wells, 4031 Porter St., Oakland. \$2800

DWELLING
(5349) W PARK BLVD. 165 S Holly-wood, Oakland. One-story 5-room dwelling.
Owner—C. C. Brown, Touraine Hotel, Oakland.
Architect—None. \$5250

DWELLING
(5350) NW COR. PRINCE & YORK ST. Oakland. 1-story 5-room dwelling.
Owner—C. L. Smith, 1515 Alcatraz Ave., Oakland.
Architect—None.
Contractor—A. Hendricksen, 6458 Raymond St., Oakland. \$4000

DWELLING
(5351) E-SIXTY-FOURTH AVE. 150 N Arthur St., Oakland. 1-story 5-room dwelling.
Owner—C. P. Pond, 1163 Ashmont Ave., Oakland.
Architect—None. \$3600

DWELLING
(5352) 220 THIRTY-THIRD ST. (rear) Oakland. 1-story 2-room dwelling.
Owner—J. A. Kennedy, premises.
Architect—None.
Contractor—C. A. Birch, 357 12th St., Oakland. \$1500

DWELLING
(5353) NO. 1555 BEVERLY, Berkeley. Two-story 5-room dwelling
Owner—Lewis A. Osborn, 2903 Newbury St., Berkeley.
Architect—None. \$3800

DWELLING
(5354) NO. 1705 SAN LORENZO ST., Berkeley. One-story 5-room dwlg.
Owner—A. H. Pallen, 868 61st St., Oakland.
Architect—None. \$3000

ALTERATIONS
(5355) NO. 1952 1-6-8 UNIVERSITY Ave., Berkeley. Alter one-story 6-room dwelling into 3 stores and 6-room dwelling.
Owner—Louis and Mary O Bartlett, 2434 Warring St., Berkeley.
Architect—None.
Contractor—John M. Bartlett, 1706 Parker St., Berkeley. \$6000

FLATS
(5356) N E-EIGHTEENTH ST. 75 E 5th Ave., Oakland. 2-story 8-room stores and flats.
Owner—J. J. Homer, Oakland.
Architect—None.

Contractor—L. G. Hudson, 1771 Evers Ave., Oakland. \$9200

DWELLING
(5357) N BROOKDALE 200 W Renwick, Oakland. 1-story 5-room dwlg
Owner—W. B. Grayhill, 2203 9th Ave., Oakland.
Architect—None. \$4000

DWELLING & GARAGE
(5358) 2820 ELEVENTH AVE., Oakland. 2-story 3-room dwelling and garage.
Owner—H. S. Terry, 2822 11th Ave Okd.
Architect—None.
Contractor—Chas. Rogers, 2115 64th Ave Oakland. \$2000

FLATS
(5359) N E-FIFTEENTH ST. 75 W 7th Ave., Oakland. 2-story 12-rm. flats.
Owner—D. & J. Maher, 1229 E-15th St., Oakland.
Architect—None.
Contractor—T. M. Tupper, 2310 Russell St., Berkeley. \$10,000

DWELLINGS
(5360) 2126, 2138 and 2144 FOURTEENTH AVE., Oakland. 3 1-story 4-room dwellings.
Owner—E. O. Francis, Oakland.
Architect—None. \$2000 each

DWELLING
(5361) 577 FOREST ST., Oakland. 1-story 6-room dwelling.
Owner—C. J. Pifrang 480 Forest St. Okd.
Architect—None. \$4000

DWELLING
(5362) 1617 HAMPEL ST., Oakland. 1-story 5-room dwelling.
Owner—Mrs. M. C. Dunn, Oakland.
Architect—None.
Contractor—J. W. Monroe, 5538 Claremont Ave., Oakland.

DWELLING
(5363) S NEY 200 E Ritchie, Oakland. 1-story 5-room dwelling.
Owner—E. T. Minnie, Syndicate Bldg., Oakland.
Architect—None.
Contractor—S. N. Le Febre, 8001 Ney Ave., Oakland. \$2250

DISPLAY ROOM
(5364) E PIEDMONT AVE. 250 N Pleasant Valley Ave., Oakland. 1-story display room.
Owner—W. J. Rodda, 4435 Piedmont Ave., Oakland.
Architect—None. \$2500

DWELLING
(5365) 206 PERKINS ST., Oakland. 1-story 6-room dwelling.
Owner—Elmer W. West, 5675 College Ave., Oakland.
Architect—None. \$4500

DWELLING & STORE
(5366) 2551-57 THIRTY-EIGHTH AVE Oakland. 1-story 4-room dwelling and store.
Owner—E. O. Francis, 3940 E-14th St., Oakland.
Architect—None. \$2900

DWELLING & STORE
(5367) 1601 TWENTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling and store.
Owner—E. O. Francis, 3940 E-14th St., Oakland.
Architect—None. \$3000

DWELLING
(5369) NO. 1103 ALAMEDA, Berkeley. Two-story 7-room dwelling.
Owner—G. H. Hart, 2601 Webster St., Berkeley.
Architect—None.
Contractor—James D. Horton & Son, 581 9th St., Oakland. \$6800

ALTERATIONS
(5370) NO. 1920 GRANT ST., Berkeley Alterations
Owner—Geo. F. Rose, Premises.
Architect—None. \$1250

DWELLING
(5371) NO. 2433 KEITH ST., Berkeley. One-story 6-room dwelling.
Owner—A. D. Wheaty, 45 Henry St., San Francisco.
Architect—None. \$4250

DWELLING
(5372) NO. 1316 SHATTUCK AVE., Berkeley. One-story 6-room dwlg
Owner—Walter Sorensen, 3221 Ellis St., Berkeley.
Architect—None. \$4000

DWELLING
(5373) NO. 120 ARIMO AVE., Oakland. One-story 6-room dwelling.
Owner—P. E. Woodburn, 624 Prospect St., Oakland.
Architect—None. \$4000

FLATS

(5374) NO. 3807 AND 3809 BEAUMONT AVE., Oakland. Two-story ten-room flats.
Owner—Paul Volheim. 2011 Crosby St., Oakland.
Architect—None.
Contractor—W. H. Higgins, 9439 Foot-hill Blvd., Oakland. \$7000

DWELLING

(5375) NO. 5082 CONGRESS AVE., Oakland. One-story 5-room dwlg.
Owner—G. A. Hunter, 2112 51st Ave., Oakland.
Architect—None. \$4000

FLATS

(5376) E FIFTH AVE 100 N E-16th St., Oakland. Two-story 12-room flats.
Owner—G. A. Rothmel.
Architect—None.
Contractor—J. W. Baughman, 1627 5th Ave., Oakland. \$9000

DWELLING

(5377) W FOOTHILL BLVD 107 W Ritchie, Oakland. One-story 6-room dwelling.
Owner—E. Minney, Syndicate Bldg., Oakland.
Architect—None.
Contractor—R. A. Smith, 3115 Adeline St., Oakland. \$3600

DWELLING

(5378) W FRUITVALE AVE 50 S Woodbine Ave., Oakland. One-story 5-room concrete dwelling.
Owner—Wm. H. Parker.
Architect—None.
Contractor—R. O. McCline, 1315 Fruitvale Ave., Oakland. \$4500

DWELLING

(5379) W 103RD AVE 100 N E-14th St., Oakland. One-story 5-room dwelling.
Owner—N. Larnothe, Gilroy, Calif.
Architect—None.
Contractor—N. Gaubert, 1910 40th Ave., Oakland. \$3000

DWELLING

(5380) NO. 2835 HOPKINS, Oakland. One-story 4-room dwelling.
Owner—Clyde Nelson, 4000 Elston Ave., Oakland.
Architect—None. \$2000

DWELLINGS

(5381) N HOLWAY 117 and 156 E Seminary Ave., Oakland. Two one-story 5-room dwellings.
Owner—F. L. Hewitt, 8821 E-14th St., Oakland.
Architect—None.
Contractor—C. L. Hewitt, 8821 E-14th St., Oakland. \$3000 each

DWELLINGS

(5382) N HOLWAY 39 and 78 E Seminary Ave., Oakland. Two one-story 5-room dwellings.
Owner—F. L. Hewitt, 8821 E-14th St., Oakland.
Architect—None.
Contractor—C. L. Hewitt, 8821 E-14th St., Oakland. \$3000 each

DWELLING

(5383) NE HOLWAY AND SEMINARY AVE., Oakland. One-story 6-room 2 family dwelling.
Owner—F. L. Hewitt, 8821 E-14th St., Oakland.
Architect—None.
Contractor—C. L. Hewitt, 8821 E-14th St., Oakland. \$4000

DWELLING

(5384) 5558 LAWTON AVE., Oakland. 1½-story 5-room dwelling.
Owner—H. C. Pftrang, 5559 Ocean View Drive, Oakland.
Architect—None. \$5000

DWELLING

(5385) E MINNA AVE 100 S PENNIMAN, Oakland. 1-story 4-room dwlg.
Owner—Kramer Bros., Alameda Ave., Oakland.
Architect—None.
Contractor—R. G. Glantz, 4611 Virginia Ave., Oakland. \$3000

DWELLING

(5386) E PERALTA AVE 126 N Davis, Oakland. 1-story 4-room dwelling.
Owner—B. S. Booth, 51 Nova Drive, Oakland.
Architect—None.
Contractor—S. A. Warner, 850 Cleveland Ave., Oakland. \$2000

DWELLING

(5387) W ATHOL AVE 96 N Prospect. 1-story 6-room dwelling.
Owner—Knapp & Vodoun, 1407 23rd Ave., Oakland.
Architect—None.
Contractor—Ralph A. Knapp, 1407 23rd Ave., Oakland. \$5000

DWELLING

(5388) 719 WALLAVISTA, Oakland. 1-story 6-room dwelling.
Owner—P. E. Woodburn, 624 Prospect St., Oakland.
Architect—None. \$4000

SCHOOL

(5389) FORTY-EIGHTH & WEBSTER Sts., Oakland. 2-story conc. school.
Owner—City of Oakland.
Architect—None.
Contractor—Schuler & McDonald, 308 12th St., Oakland. \$117,139

DWELLING

(5390) LOT 14 BLK 3 MAP THE OAKES, Piedmont. 1-story 4-room dwelling.
Owner—Dr. S. M. & Lura C. Ross, 548 27th St., Oakland.
Architect—None.
Contractor—C. F. Lodge, 5494 Bond St., Oakland.

Filed Dec. 19, 1922. Dated Dec. 19, 1922.
Frame up ¼
Brown coated ¼
Completed and accepted ¼
Usual 35 days ¼
TOTAL COST, \$3737

Bonds, none; Sureties, none; Forfeit, none; Limit, 90 days; Plans and specifications, none.

DWELLING

(5391) E BROOKLYN AVE & HAD- don Rd. NE 36.50 SE 100, Oakland. 1-story dwelling.
Owner—William A. Ghirardelli, 103 1st Ave., Oakland.

Architect—None.
Contractor—F. C. Stolte, 3455 Laguna St., Oakland.

Filed Dec. 18, 1922. Dated Dec. 11, 1922.
Frame up ¼
Brown coated ¼
Completed and accepted ¼
Usual 35 days ¼
TOTAL COST \$5500

Bonds, none; Sureties, none; Forfeit, \$1 day; Limit, 90 days; Plans and specifications, filed.

ROOFING

(5392) OAKLAND. Comp. roofing and hot coating for Alexander Hamilton school.
Owner—M. C. Vaughn, 357 12th St., Okd.
Architect—None.
Contractor—H. C. Brown Roofing Co., 3267 San Pablo Ave., Oakland.

Filed Dec. 19, 1922. Dated May 2, 1922.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, \$2950

Bond, \$1148; Sureties, M. Miller & Geo. B. Brown; Forfeit, none; Limit, none; Plans and specifications, none.

RESIDENCE

(5393) NO. 511 MAGNOLIA AVE., Piedmont. One-story 5-room residence and garage.
Owner—Florence B. Brady.
Architect—None.
Contractor—H. M. Swalley, 766 Walker St., Oakland. \$5700

RESIDENCE

(5394) NO. 231 SAN CARLOS. Piedmont. One-story 5-room residence.
Owner—B. F. Becker, 355 Moraga Rd., Piedmont.
Architect—None.
Contractor—R. E. Norris, 839 Vermont St., Oakland. \$7000

ALTERATIONS

(5395) NO. 2138 BUENA VISTA AVE., Alameda. Alterations.
Owner—Alice McLaren, 2053 Central Ave., Alameda.
Architect—None.
Contractor—Shaw & Watson, 1711 Willow St., Alameda. \$1000

DWELLING

(5396) NO. 417 CENTRAL AVE., Alameda. One-story 3-room dwelling.
Owner—Mary Corbellino, Premises.
Architect—None.
Contractor—Jack Lundholm, 1717 Wood St., Alameda. \$1900

ALTERATIONS

(5397) NO. 2235 LINCOLN AVE., Alameda. Alterations.
Owner—Alameda Steam Laundry, Frem.
Architect—None. \$3000

DWELLING

(5398) PARK AVE. E Bay Island Ave. Alameda. One-story 5-room dwlg.
Owner—J. M. Bryan, 2435 Bay Island Ave., Alameda.
Architect—None.
Contractor—Henry Houle, 2736 Seminary Ave., Oakland. \$4000

DWELLING

(5399) ST. CHARLES ST., Alameda. Two-story 7-room dwelling.
Owner—Mrs. L. Peterson, 1252 Sherman St., Alameda.
Architect—Clay N. Burrell, American Bank Bldg., Oakland.
Contractor—Peter Peterson, 1252 Sherman St., Alameda. \$6000

DWELLING

(5400) THOMPSON AVE W Fernside Blvd., Alameda. One-story 7-room dwelling.
Owner—P. M. Hansen.
Architect—None.
Contractor—Larson & Shields, 5323 College Ave., Oakland. \$5600

DWELLING

(5401) NO. 1216 WALNUT ST., Alameda. One-story 5-room dwelling.
Owner—Ida M. Cramer, 1438 6th St., Alameda.
Architect—Alex.
Contractor—Alex. Wiehen, 839 Rosemont Road, Oakland. \$3500

DWELLING

(5402) NO. 1453 HENRY ST., Berkeley. One-story 4-room dwelling.
Owner—D. T. Blithroad, 1912 Channing Way, Berkeley.
Architect—None. \$3600

DWELLING

(5403) NO. 2316 JEFFERSON, Berkeley. One-story 5-room dwelling.
Owner—R. D. Felt, 2432 McGee St., Berkeley.
Architect—None. \$2400

DWELLING

(5404) NO. 1231 MONTEREY, Berkeley. One-story 5-room dwelling.
Owner—S. A. Reich, 1915 Oregon St., Berkeley.
Architect—None. \$4500

DWELLING
(5405) NO. 1389 VIRGINIA, Berkeley.
One-story 4-room dwelling.
Owner—W. M. Fulton, 2610 Grove St., Berkeley.
Architect—None.
Contractor—C. L. Fessender, Sacramento St., Berkeley. \$2000

DWELLING
(5406) N BAY VIEW AVE 170 W 13th Ave., Oakland. 1-story 5-room dwlg.
Owner—Albert Hammarberg, 3267 Adeline St., Berkeley.
Architect—None. \$3000

REPAIRS
(5407) 148 BAYO VISTA AVE., Oakland. Fire Repairs.
Owner—Chester Williams, Oakland.
Architect—None.
Contractor—A. H. Rose, 525 17th St., Oakland. \$2000

DWELLING
(5408) 563 BLVD. WAY, Oakland. 1-story 6-room dwelling.
Owner—Chas. Graham, 615 Calmar Ave., Oakland.
Architect—None. \$4300

DWELLING
(5409) E-FIFTY-FIFTH & 74 N Hollywood, Oakland. 2 1-story 5-room dwellings.
Owner—M. Page, Oakland.
Architect—None. \$3000 ea.

DWELLING
(5410) 570 FOURTY-FOURTH ST., Oakland. 1-story 5-room dwlg.
Owner—A. Hallberg, 517 44th St., Okd.
Architect—None.
Contractor—E. Campomenosi 5233 Lawton Ave., Oakland. \$3750

DWELLING
(5411) NE COR FIFTY-FIFTH AND Broadway, Oakland. 1-story 5-room dwelling.
Owner—M. Page, 2060 55th Ave., Okd.
Architect—None. \$3000

DWELING
(5412) 3022 MADERA AVE, Oakland. 1-story 3-room dwelling.
Owner—W. L. Thelin, 829 E-19th St., Oakland.
Architect—None. \$1900

DWELLINGS
(5413) 1829 & 1835 ROSEDALE AVE., Oakland. 2 1-story 5-room dwlgs.
Owner—Chas. Wren, 2412 Fruitvale Av Oakland.
Architect—None. \$3000 each

ALTERATION
(5414) 444 17th St., Oakland. Alter.
Owner—Calif. Home Invest. Assn., Okd.
Architect—None.
Contractor—Wm. Knowles, Cent. Bank Bldg., Oakland. \$2500

DWELLING
(5415) 3015 E-TWENTY-SECOND ST., Oakland. 1-story 5-room dwelling.
Owner—J. D. Fennelly & P. D. Cunningham, 2110 E-23rd St., Oakland.
Architect—None.
Contractor—J. D. Fennelly, 2910 E-23rd St., Oakland. \$3500

DWELLING
(5416) NW PALA AVE near Moraga Ave., Piedmont. All work for one-story 5-room dwelling.
Owner—W. J. H. and Elsie M. Clendenin, 475 Alcatraz Ave., Oakland.
Architect—None.
Contractor—L. J. Davis, 134 Sunnyside Ave., Oakland.

Filed Dec. 19, '22. Dated Nov. 6, '22
Roof on 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$3100
Bond, none. Limit, 60 days. Forfeit, \$4. Plans and specifications, none.

No. 5306.
STORE BLDG.
(5417) NE FIFTEENTH & BROADWAY N 124XE 100, Oakland. All work for three-story reinforced concrete store building.
Owner—Broadway Realty Co., 420 15th St., Oakland.
Architect—None.
Contractor—William Knowles, Central Bank Bldg., Oakland.
Filed Dec. 20, '22. Dated Nov. 10, '22.
8th day of each month 75%
Usual 35 days 25%
TOTAL COST, not over \$302,737
Bond, \$151,868.50. Surety, Hartford Accident & Indemnity Co. Limit, 240 days. Bonus, \$200 a day; Forfeit, \$200 a day. Plans and specifications filed.

DWELLING
(5418) LANCROFT AND WEST STS., Berkeley. All work for one-story four-room dwelling.
Owner—Thomas J. Feeney.
Architect—None.
Contractor—Sutcliffe & Hitchcock, 2902 Chestnut St., Oakland.
Filed Dec. 20, '22. Dated ———
Frame up 1/4
Brown coated 1/4
Completed 1/4
Usual 35 days 1/4
TOTAL COST, \$2500
Bond, none. Limit, none. Forfeit, \$1. Plans and specifications filed

DWELLING
(5419) NO. 785 CABRILLO, Berkeley. One-story 4-room dwelling.
Owner—Leonard O. Adams, 1810 Oxford St., Berkeley.
Architect—None.
Contractor—Jos Flittner, 1700 35th Av., Berkeley. \$3400

DWELLING
(5420) NO. 1635 GROVE, Berkeley. One-story 5-room dwelling.
Owner—A. Anderson, 1635 Josephine St., Berkeley.
Architect—None.
Contractor—G. Johanson, 1357 Northside Ave., Berkeley. \$3500

DWELLING
(5421) NO. 2714 McGEE, Berkeley. One-story 4-room dwelling.
Owner—Lee Grazier, 1407 10th St., Berkeley.
Architect—None. \$2000

DWELLING
(5422) NO. 1284 FIFTY-EGHITH Ave., Oakland. One-story 5-room dwelling.
Owner—Mrs. Schleason, 733 Haight Ave., Alameda.
Architect—None.
Contractor—J. T. Perry, 733 Haight Ave., Alameda. \$3000

DWELLING
(5423) NO. 6210 MESABA AVE., Oakland. One-story 5-room dwelling.
Owner—Clarence B. Bean, 4241 22nd St., San Francisco.
Architect—None. \$3000

REPAIRS
(5424) NO. 365 STATEN AVE., Oakland. Repairs.
Owner—E. W. Henning, Premises
Architect—None.
Contractor—C. J. Pfrang, 480 Forest St., Oakland. \$1500

DWELLINGS
(5425) NO. 2324, 2330 & 2336 SINTY-Second Ave., Oakland. Three one-story 4-room dwellings
Owner—A. T. Andersen, 9302 Birch St., Oakland.
Architect—None. \$2000 each

DWELLING
(5426) NO. 668 SANTA RAY AVE., Oakland. Two-story 6-room dwelling and garage.

Owner—Mrs. Ethel Quimby, 2524 Benvenue St., Berkeley.
Architect—None.
Contractor—C. J. Rheberg, 2831 Montana St., Oakland. \$6000

APARTMENTS
(5427) SW TELEGRAPH AVE AND Sycamore, Oakland. Three-story 37-room brick apartments and stores.
Owner—E. S. Donant, 323 Grand Ave., Oakland.
Architect—None.
Contractor—J. H. Pedgrift, 4110 Broadway, Oakland. \$40,000

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded
Dec. 15, 1922—PTN LOT 30 BLK 8, Fourth Avenue Heights, Oakland.
Helen Reimers to S C HudsonDec. 4, 1922
Dec. 15, 1922—NW KING AND LA Salle Aves, Piedmont. Fritz T Henshaw to M E Hopper & SonDec. 11, 1922
Dec. 15, 1922—NW LA SALLE AND King, Piedmont. Fritz T Henshaw to W H Follard Jr.Nov. 24, 1922
Dec. 15, 1922—E BROADWAY 25 N Third N 25XE 75, Oakland. Francis E Ware to W G McGinty & Sons.Dec. 15, 1922
Dec. 15, 1922—NO. 4155 REDDING, Oakland. Dewey and Edith E Henson to H E IrishNov. 10, 1922
Dec. 16, 1922—LOT "F" BLK 4249 Euclyptus Hill, Oakland. Mary Ellen Kibbe to Enoch TrnamlDec. 1, 1922
Dec. 16, 1922—E WHEELER 50 S Eagle Ave S 50X101, Alameda. Cherry to H E IrishDec. 16, 1922
Dec. 16, 1922—N HOPKINS 42-6 W Rhoda Ave E 42-6 N 55.83 W 40 S to pt bg, Oakland. W H Matteson to whom it may concernDec. 16, 1922
Dec. 16, 1922—LOT 9 BLK "M" Foot-hill Park Tract, Oakland. Miss Hattie A Pitka to J A PitkaDec. 15, 1922
Dec. 16, 1922—LOT 3 BLK "F" Lakeshore Hills Tract, Oakland. Eva Nelson to Fred J WestlundDec. 15, 1922
Dec. 18, 1922—PARK AVE AND Hubbard St., Oakland. Jay C and Myrtle M Hills to Lawton & VezeyDec. 8, 1922
Dec. 18, 1922—LOT 2 BLK 7, Map Thousand Oaks, Berkeley. Thos Costberg to Walters & GroveDec. 11, 1922
Dec. 18, 1922—840 BROCKHURST ST., Oakland. Chas. Rollar to Rollar & StonerDec. 13, 1922
Dec. 18, 1922—LOT 15 BLK B TRIANGLE Park Tract, Berkeley. Roy O. Long to whom it may concernDec. 8, 1922
Dec. 18, 1922—LOT 13 BLK B TRIANGLE Park Tract, Berkeley. Roy O. Long to whom it may concernDec. 8, 1922
Dec. 18, 1922—LOT 24 BLOCK 13 Northbrae, Berkeley. E. N. & Adalalde C Bertheaud to E N BertheaudDec. 15, 1922
Dec. 18, 1922—E MARKET ST 181.23 S 660.21 NE 287.09 NE 488.5 NW 356.2, Oakland. P G & E Co. to Western Iron WorksDec. 9, 1922
Dec. 18, 1922—E MARKET ST 181.93 S 1st St. S 660.21 NE 287.09 NE 488.5 NW 356.2, Oakland. P G & E Co. to Western Iron Wks.Dec. 9, 1922
Dec. 18, 1922—SEVENTH & CEDAR Sts., Oakland. Shattuck Ave and Hearst St., Berkeley. S P Co. to Hutchinson Co.Dec. 15, 1922
Dec. 18, 1922—STANFORD & SAN Pablo Aves, Oakland. Woolsey Junction, Berkeley. S P Co. to Hutchinson Co.Dec. 15, 1922

Dec. 18, 1922—SEVENTH ST. KIRKHAM to Peralta Sts, Oakland, S P Co to Hutchinson Co.Dec. 15, 1922

Dec. 18, 1922—N HIGH ST & FEINER side Blvd, Alameda, Woolsey Junction, Berkeley, S P Co to Hutchinson Co.Dec. 15, 1922

Dec. 18, 1922—1ST LOT 12 & 13 Block 825 (Assessors Block Book) Amended Map Fruitvale Tract, Oakland, C P & E H Adams to whom it may concern.Dec. 10, 1922

Dec. 18, 1922—1ST LOT 13 & 14 Assessors Map Blk 825 Amended Map Central Fruitvale Tract, Oakland, C P & E H Adams to whom it may concern.Nov. 25, 1922

Dec. 18, 1922—1ST LOT 8 BLK 19 Map Lakeshore Highlands, Oakland, H E Brown by Wallace W. Randall to Gede & Randall.Dec. 18, 1922

Dec. 18, 1922—NW TWENTYETH & Telegraph Ave, 50x60, Oakland, Berta L Thomas and Jennie Wade Snook to F W Maurice.Dec. 16, 1922

Dec. 19, 1922—LOT 14 BLK 22, Lakeshore Highlands Addition No. 1, Oakland, Harry P Fisher to whom it may concern.Dec. 12, 1922

Dec. 19, 1922—S UNIVERSITY AVE 209 W Sacramento W 41x8 135, Berkeley, Clara L Kidd to J A Pinkerton.Dec. 18, 1922

Dec. 19, 1922—LOT 16 BLK 1, Map Key Route Terrace No. 2, Albany Charles L Kavanagh to E E Wilson.Dec. 18, 1922

Dec. 19, 1922—SE WEBSTER AND Taylor Ave, 53x75, Alameda, Associated Oil Co to Jepson Bros.Dec. 9, 1922

Dec. 19, 1922—LOT 33 BLK "C" East Piedmont Heights, —, Jas B Grubb to whom it may concern.Dec. 15, 1922

Dec. 19, 1922—SW TELEGRAPH AV and Twenty-fifth, Oakland, Philip Vetter to Fred Hambleton.Dec. 15, 1922

Dec. 19, 1922—E PALMERA COURT at Layton St, Alameda, Marjorie L Cogan to Niles W Place.Dec. 14, 1922

Dec. 20, 1922—E MARKET 181 93 S First S 660.21 NE 287.09 NE 488.5 NW 356.2, Oakland, Pacific Gas & Electric Co to Western Iron Works.Dec. 13, 1922

Dec. 20, 1922—E MARKET 181 93 S First S 660.21 NE 287.09 NE 488.5 NW 356.2, Oakland, Pacific Gas & Electric Co to Western Iron Works.Dec. 13, 1922

Dec. 20, 1922—LOT 1 BLK "B" Triangle Park Tract, Berkeley, Roy O Long to whom it may concern.Dec. 18, 1922

Dec. 20, 1922—E MARKET 481 S First S 200x E 100, Oakland, Pacific Gas & Electric Co to The Steel Tank & Pipe Co. of Calif.Dec. 9, 1922

Dec. 20, 1922—LOT 32 BLK 4, North Cragmont, Berkeley, Safford R Pine to H H Gastman.Dec. 15, 1922

Dec. 20, 1922—NO. 3947 ARDLEY AV Oakland, T O and Lenore G Miller to Joe Silva.Dec. 19, 1922

Dec. 20, 1922—LOT 4 BLK "L", Okd H Haegenson to whom it may concern.Dec. 9, 1922

Dec. 20, 1922—N PARK BLVD 142.68 W Brooklyn Ave W 43, Oakland, L C Fish to whom it may concern.Dec. 4, 1922

Dec. 20, 1922—S HOLWAY 280 E 55th Ave, Oakland, Carl G Johnson to J B York.Dec. 18, 1922

Dec. 21, 1922—NE ARIZONA 560 SE Maple Ave SE 40XNE 222.30, Oakland, A S Beach and R K Noble to whom it may concern.Dec. 1, 1922

Dec. 21, 1922—SE EIGHTY-FIFTH Ave and Dowling, Oakland, M R Mathias to J P Silva.Nov. 20, 1922

Dec. 21, 1922—LOT 21 BLK 6 Steinway Terrace, Oakland, Mrs. Etelka

Schmidt to Oakley & Kolmodin.Dec. 20, 1922

Dec. 21, 1922—S FORTY-SECOND 155.63 W Telegraph Ave W 100 SW 113.08 E 100 NE 138.52, Oakland, John Balm to California Builders Co.Dec. 19, 1922

Dec. 21, 1922—PTN LOT 1 BLK 20, Berkeley Villa Ass'n, Berkeley, Lulu C Justice to Alex F Marshall.Dec. 21, 1922

LIENS FILED

ALAMEDA COUNTY.

Recorded Accepted
Dec. 16, 1922—E NINTH 196.2 S Virginia S 50xW 120, Berkeley, Sun-set Hardware Co vs A Negro and C C Williams.\$46.58

Dec. 16, 1922—E SACRAMENTO 180 NW Rose NW 98.91 NE 117.10 SE 108.74 NE 111.08, Berkeley, Sun-set Hardware Co vs Theodore E Armbarger, Elizabeth Armbarger and C C Williams.\$136.37

Dec. 18, 1922—LOT 59 Map Crocker Highlands, — W S Ray Mfg Co vs E E Rollins, Harry Jacobus and F L Warner.\$130

Dec. 18, 1922—NE TELEGRAPH AVE and Bancroft Way N 120x E 45, Berkeley, W S Ray Mfg Co vs J A Marshall, John Doe McCaw, Jas White and F L Warner.\$270.80

Dec. 18, 1922—E JACKSON 1472 N Twelfth N 100xW 169, Oakland, W S Ray Mfg Co vs T J Wisecarver and F L Warner.\$270.80

Dec. 18, 1922—NW FORTY-FIRST and Montgomery N 175 W 60.5 SE 175 E 32.4, Oakland, W S Ray Mfg Co vs Daniel F O'Connell and F L Warner.\$270.80

Dec. 18, 1922—NW WALSWORTH & Cayo Vista Aves, Oakland, A R Johnston vs Charles Georgian.\$501

Dec. 21, 1922—NW 105TH AVE and NW Pontiac NW 240 fm pt beg NW 200xNE 100, Oakland, Eureka Mill & Lumber Co vs Frank Johnson, and Nannie Catchings.\$250.80

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Dec. 14, 1922—SW E-TWENTY-first 330 SE Fifth Ave SE 40XSW 125, Oakland, John P Maxwell, \$438.9; Lillian & Konda, \$523.85; Lillian & Konda, \$923.85; Hauri & Wierk, \$700.50; H Dombink, \$225; W H Picard, \$585.79; Oakland Lime & Cement Co, \$61.15; Rhodes-Jamieson Co, \$72.30; E K Wood Lumber Co, \$113.44; Pacific Mfg. Co, \$213.14; Stephens & Porteous, \$150; Bird Rymer Co, \$539.25; W J Wilkinson, \$650.47; Rhodes-Jamieson Co, \$128.80; Rigney Tile Co, \$46.50; Mangrum & Otter, \$366.42; to Wm and Amelia Henry et al.

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Dec. 16, 1922—N RUSSELL 60 E Pine 14th E 40XN 150, Berkeley, A J McPhee to Sara Kellar. This is a release of portion of lot which has been sold.

Dec. 19, 1922—SE WOOLSEY AND Telegraph Ave E 87.65 S 82.78 W 110 N 85.39, Berkeley, Henry Cowell Lime & Cement Co to Joseph Kann et al.\$703.80

Dec. 19, 1922—SE WOOLSEY AND Telegraph Ave E 87.65 S 82.78 W 110 N 85.39, Berkeley, Jos Kann to Christine Ann MacLean.\$2116.56

Notice of Non-Responsibility

ALAMEDA COUNTY

Dec. 21, 1922—LOT 10 BLK 4 Map Meek Estate Orchards, Hayward, H W Meek Estate Inc as to Improvements on property.

ARCHITECT'S CERTIFICATE

ALAMEDA COUNTY

Dec. 20, 1922—Noble Newsom has filed his certificate of architecture for Alameda County.

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2500 and Over Reported

ALTER and repair dwelling, \$2500; No. 1011 P St., Sacramento; owner, M. Lewis, 1517 10th St., Sacramento; contractor, C Vaniria, 2022 M St., Sacramento.

FLATS, two-story 5-room, \$5800; No. 3216 Second Ave., Sacramento; owner, P. R. Linebaugh, Premises; contractor, Jos. Edenhofer, 3300 Second Ave., Sacramento.

DWELLING, one-story 5-room and garage, \$3800; No. 3422 Serra Way, Sacramento; owner, H. Lilly, 1421 1/2 Seventh St., Sacramento; contractor, Jos. Edenhofer, 3300 2nd Ave., Sacramento.

DWELLINGS, 3, 1-story 5-room, and garage, \$10,600; 3111, 3124, 3118 O St., Sacramento; owner, J. C. Carley Co, 823 J St., Sacramento.

DWELLING, 1-story 5-room, and garage, \$4000; 2316 3rd Ave., Sacramento; owner, J. C. Carley Co, 823 J St., Sacramento.

DWELLING, 1-story 5-room, and garage, \$6000; 922 41st St., Sacramento; owner, Marcelite E. Seba, 1114 O St., Sacramento; contractor, E. W. Book, 2912 G St., Sacramento.

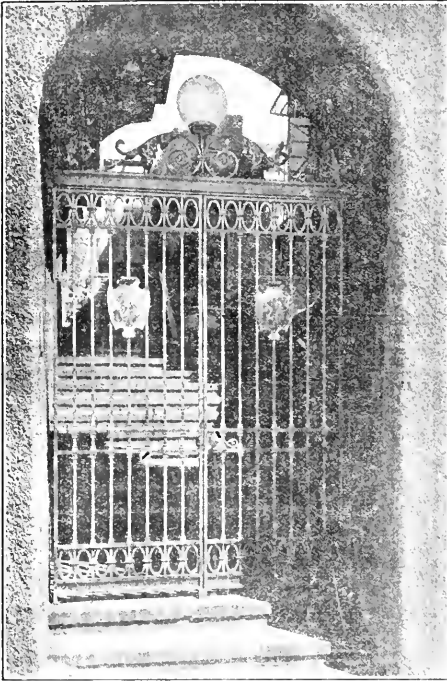
DWELLING, one-story 5-room and garage, \$2600; No. 2573 25th St., Sacramento; owner, Daniel Barr, 817 J St., Sacramento; contractor, C. E. Mendenhall, R. 2, Box 1649 Sacramento.

DWELLING, one-story 5-room and garage, \$2750; No. 849 33rd St., Sacramento; owner, D. Milled, R St., bet. 24th and 25th Sts., Sacramento contractor, C. E. Mendenhall, R. 2, Box 1699, Sacramento.

DWELLING, one-story 5-room and garage, \$4200; No. 2725 Portola Ave., Sacramento; owner, S. R. Proffett, 2019 2nd Ave., Sacramento; contractor, T. B. Hunt, 2326 S St., Sacramento.

DWELLING, \$3500; Lot 2324 Elmhurst owner, D. Varasin, 1041 W. 40th, Sacramento.

STORE, two-story brick, \$17,272; No. 911 Front St., Sacramento; owner, Latourette, Fiscal Co., 917 3rd St., Sacramento; contractor, Wm. Murrell, 527 Ochsner Bldg., Sacto.



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SAN FRANCISCO, CALIF., DECEMBER 30, 1922

Published Every Saturday
Twenty-second Year No. 52

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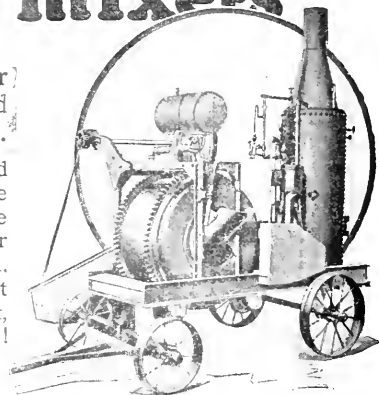
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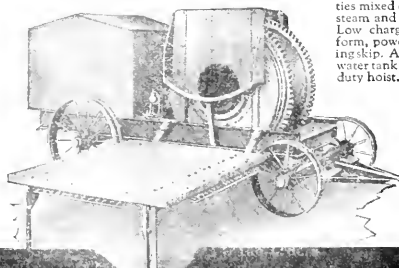


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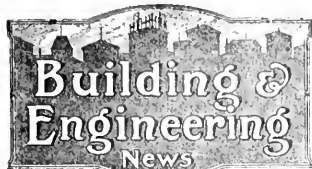
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Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday

SAN FRANCISCO, CALIF., DECEMBER 30, 1922

Twenty-second Year No. 52



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LOS ANGELES THIRD IN BUILDING FOR 1922

Los Angeles ranks third among the cities of the U. S. in building for the year 1922. New York City reports permits issued during the first eleven months of the year with a total estimated valuation of \$543,201,183; Chicago's total for the same period is \$193,238,810; while that of Los Angeles is \$112,251,190. Philadelphia is close behind Los Angeles with a total of \$108,911,180, but it is not likely that the December figures will change the position of these two cities. For 11 months of the year Detroit shows a total of \$87,550,261; Boston, \$15,398,861; Washington, D. C., \$13,846,904; San Francisco \$12,887,648; Baltimore, \$37,343,420; Pittsburgh, \$32,934,735 and Milwaukee, \$30,237,647. Oakland's total for 11 months is \$22,397,641. Portland's \$21,925,875; and Seattle's \$17,091,156. Long Beach reports for the same period \$15,193,158 and San Diego, \$11,441,560.

Building activities throughout the U. S. held up well during November. A total of 202 cities reported 53,372 permits with an estimated valuation of \$212,252,108 issued during the month as compared with 43,252 permits with a valuation of \$148,581,363 for November, 1921. This is a gain of 41 per cent. For October, 1922, 204 cities reported building operations aggregating \$214,978,138. Thirty-five cities reported building permits with a valuation of more than one million dollars for November. Thirteen of these reported less than a million a year ago. Los Angeles was fourth among the cities of the country in building for November, Philadelphia nosing her out of third place by a margin of about \$60,000. San Francisco was fourteenth in the list. Oakland was seventeenth and San Diego twentieth in the line.—Southwest Builder.

November Building Reports From 202 American Cities Show Nation-Wide Activity

Intense construction activity in November is unusual even in years of great building. A record of permits granted by building departments of 20 important cities reaching back to 1914 shows that only in November, 1915 and in November of this year has the October total been overshadowed.

Building permits taken out in November are good evidences of work planned for the first part of next year. At the present time the permits issued as far back as June and July are assuming form day by day in the shape of structures, and all men in the construction industry from the workers in brick yards to the interior finishers are busy. A remarkable keeping up of permit volume during the last three months, therefore, means more than if the figures were built up from a slump.

Just two months of this year, January and February, are exceeded by the highest month volume of last year, which occurred in April and until the advent of this year set a record above that of any previous month in any year for 1914.

New York City permits for November do much to bring the total above the October level. In October, permits granted in the metropolis totaled \$411,606,254 in estimated valuation, while those of November totaled \$52,918,225. Chicago valuations jumped from \$11,996,150 to \$20,443,000. Philadelphia jumps from \$9,876,025 to \$11,416,730, taking third place for November volume. Los Angeles holds fast to the eleven million mark and but slightly

below the actual figures for Philadelphia. Actual figures for all cities running one million or more dollars average monthly valuation are appended in a tabulation whose totals for November and for October show a substantial November gain.

This gain in the totals, however, is shrank considerably by the fact that 29 out of the 47 cities included show November loss. Detroit, Baltimore, San Francisco and Boston show appreciable drops.

The total number of cities reporting to the American Contractor on November construction is 202. The total number of permits issued in these cities is 53,372 as against 43,252 issued in November, 1921. The estimated total valuation of the permits for November is \$212,252,108 as against \$148,581,363 for November of last year. This is an increase of 43 per cent over last year's figures.

October returns for this year from 204 cities gave a total of \$214,978,138 in valuation, which was a 21 per cent gain over October of last year.

Pacific coast cities report as follows for November construction activity:

	Nov., 1922	Nov., 1921
Seattle	\$1,255,610	\$ 593,000
Tacoma	297,983	285,432
Portland, Ore.	1,858,550	1,371,615
San Francisco	2,621,471	2,314,606
Oakland	2,584,752	1,235,471
Los Angeles	11,355,710	8,685,775
Long Beach	1,046,465	1,254,560
San Diego	2,427,170	816,995

COAST LUMBER ACTIVITIES

One hundred and forty-six mills reporting to West Coast Lumbermen's Association for the week ending December 16 manufactured 87,062,273 feet of lumber, sold 39,115,678 feet and shipped \$97,149,155 feet.

Production for reporting mills was 13 per cent below normal. New business was 14 per cent above production. Shipments were 2 per cent below new business. Thirty-eight per cent of all new business taken during the week was for future water delivery. This amounted to 37,855,678 feet, of which 28,224,365 feet was for domestic cargo delivery and 9,631,313 feet for over-seas shipment. New business for delivery by rail amounted to 2042 cars.

Forty-four per cent of the week's lumber shipments moved by water. This amounted to 42,869,155 feet, of which 32,084,345 feet moved coastwise and intercoastal and 10,884,810 feet export. Rail shipments amounted to 1806 cars.

Unfilled domestic cargo orders total 157,291,317 feet. Unfilled export orders amount to 70,132,886 feet; unfilled rail trade orders, 9183 cars.

In fifty weeks production has been 4,275,749,659 feet; new business, 4,040,493,289 feet; shipments, 3,945,007,667 ft.

\$10,000,000 NEEDED FOR NEW STATE HIGH SCHOOLS

The problem of housing the high school students of California is one difficult of solution, according to information made public after a meeting in Los Angeles of a committee of 15 educators appointed to study the situation at the meeting of the State High School Teachers' associations at Pasadena several months ago.

Preliminary reports estimated 40 million dollars would be required in the next two years for new buildings, and the declaration was made that the school population is twice as large as 1916. It was said that 228 thousand of the 750 thousand pupils in the state are attending high schools.

DRAFTSMEN FOR GOVERNMENT SERVICE

The U. S. Civil Service Commission has announced the following open competitive examination: Junior mechanical draftsman, \$1400 to \$1800 a year; assistant mechanical draftsman, \$1800 to \$2400 a year; associate mechanical draftsman, \$2400 to \$3000 a year. To fill positions in the Ordnance Department at Large, Rock Island, Ill. Applications will be rated as received until March 1, 1923.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

A conference will be held in Santa Rosa January 13 for the purpose of discussing ways and means to bridge San Francisco Bay. Representatives from six northern California counties are to constitute the conference. Mayor James Rolph, Jr., will represent San Francisco, Sonoma, Marin, Humboldt, Lake and Napa counties will also be represented.

The city of Richmond plans construction of a storm water sewer system. Preliminary plans for such a system were prepared before the war, the work being estimated at \$125,000. To construct the system at this time the cost will be increased to a figure between \$300,000 and \$400,000. Bonds will probably be issued to finance construction.

Edward Rhodes has filed a complaint in the Superior Court at Merced against Bates and Rogers, highway contractors, and E. B. Skeels for injuries alleged to have been sustained in an automobile accident on July 9, 1922, asking damages of \$20,000, in addition to a doctor's bill of \$1000, nurse's bill \$300 and hospital and other medical treatment \$200; loss of wages \$750.

Surplus revenue of \$1,298,877 was turned over to the city of Los Angeles by the Municipal Bureau of Power and Light as profits for the past fiscal year, being a quarter of a million dollars higher than the previous year's profits.

H. H. Martin Lumber Co. is erecting a \$100,000 mill at Centralia, Wn. The mill replaces the structure recently destroyed by fire and will be equipped electrically with modern sawmill machinery, averaging about 100,000 feet a day.

The Fresno city commissioners contemplate an election in April to vote bonds of \$300,000 to finance the purchase of fire equipment and the erection of additional buildings to house the department.

Large concessions have been obtained at Cave City, above San Andreas in Calaveras county by Wm. McNider and others of San Francisco, who have begun development at the immense lime deposits said to exist in that section.

The Delta Bridge Corporation of San Francisco has been organized with a capital of \$1,000,000 and proposes to build a toll bridge over the San Joaquin River near Antioch in addition to the erection of a series of warehouses in the vicinity of the bridge project. Directors are: John I. Whitmore, R. M. Baceoli, C. M. Greene and E. W. Wedge, of San Francisco and J. J. Brown, of Sausalito.

The North Pacific Lumber Company's plant at Portland, one of the oldest lumber manufacturing institutions in the Northwest, which has been idle for several years is to be taken over by a syndicate of logging interests headed by Henry Trautish of the Western Timber Company. Negotiations which have been pending for the past month will be closed shortly. The opening of this plant, which cuts nearly 300,000 feet each hour's shift, will furnish work to 600 men.

Articles of incorporation have been filed with the Secretary of State of Sacramento by the Columbia Steel Corporation, a Delaware concern, with a capital stock of \$20,000,000. California headquarters of the corporation are to be in San Francisco. W. E. Creed, Piedmont, is president, J. J. Grant and Joseph A. Sloss, of San Francisco, are directors.

Among the new members admitted to the Fresno Builders' Exchange recently R. W. Chrouh, manager, reports the following: Catherina Brothers, plasterers; G. Adams, brick mason; G. J. Drummond, specialties; G. W. Todd, painter and the Fresno Steel Construction Company.

Lieut. Gen. Hunter Liggett, retired, who ranked next to General Pershing in the American expeditionary forces, is to be chairman of the board of directors of the Little Coyote Point Transbay Bridge Corporation. Col. Frank Elbridge Webb, engineer of the bridge, in making the announcement, said the directorate of the bridge, not yet chosen, will be nine-tenths Californian. The company proposes to build the bridge from Little Coyote Point near San Mateo, to Alvarado in Alameda county. Col. Webb says the actual building will be done by the Keystone State Construction Company of Philadelphia.

The Astoria Shoji Brick Co., of Astoria, Ore., has purchased a site and will erect a plant with an 8-hour production of 35,000 common brick or 15,000 face brick. The plant at the start will employ from 25 to 30 men.

Harvey M. Toy, of San Francisco, has been named president of the Utah-Nevada-California Highway Association whose purpose is to raise \$150,000 to aid the states of Utah and Nevada to build their section of the Victory Highway.

Sacramento county grand jury will recommend the construction of a new county jail or an addition to the present building.

Public officials of Seattle and officials of the Washington University are conferring on a proposal to submit an election early in 1923 to vote bonds of approximately \$650,000 to finance construction of the Montlake bridge project.

M. C. Routt, Dr. L. R. Packwood and Virgil S. Routt have organized the Builders Finance Company of Fresno and will maintain offices in that city. The company is capitalized at \$100,000 and plans early construction of fifty modern homes in Fresno.

Budget requests for a total of \$1,164,030, an increase of \$28,590 over the previous biennium have been presented to the State Board of Control by A. B. Fletcher, director of the State Department of Public Works. The requests are divided as follows: Division of Engineering and Irrigation, \$762,220; Division of Water Rights, \$183,760; Division of Architecture, \$218,110. The largest item of increase, \$125,000, is asked for rectification of river channel.

SIZE OF STEAM PIPES IS BASIS OF RESEARCH WORK

A study of unknown laws governing the size of steam pipes carrying steam at low pressure was the basis of research work conducted during the summer at Carnegie Institute of Technology, Pittsburgh, according to an announcement from the institution. The study of critical velocities of steam of low pressure is an old one, yet still unsolved, and the investigations at the Carnegie Tech laboratories will be watched with interest.

The research study, which will be continued next summer, was carried on in the heating and ventilation department of Carnegie Tech by Prof. L. S. O'Bannon of the University of Kentucky. The work was financed by Carnegie Tech, on its own initiative, as a further step in its plan to tie up its educational facilities with outside industry.

The technical title of Professor O'Bannon's problems was: Capacities of Steam Heating Mains as Affected by Critical Velocities of Steam and Condensate Mixtures. His particular work during the past summer was a study of the effect of the shape of pipe entrance on critical velocity. He also attempted, in an experimental way, to go deeper into the theory of flow of steam in one-pipe system heating mains in order to find an empirical law which may be used for purposes of general design.

From this point of view he has shown tentatively, but not conclusively, that the maximum velocity in vertical pipes is equal to the acceleration due to gravity modified more or less, depending upon the size of the pipe and the nature of the internal surfaces.

In the experiments to determine the effect of variously shaped entrances, such as squared, rounded, flanged, and contracted entrances due to the use of cutters without reaming, the results seem to lead to the conclusion that the capacity of a pipe with a restricted entrance is no more than, and very nearly equal to the capacity of a pipe of uniform cross section throughout its length with an area equal to the area of the constriction in the larger pipe. There is only slight advantage in rounding or reaming a pipe further than removing sufficient metal to leave the entrance of the pipe free from any constriction.

Heating contractors and manufacturers of special steam equipment will have more than a passing interest in this work at Carnegie Tech if, from it come the long-sought conclusions governing the size of pipe and the size of valves in one-pipe heating systems.

BRITISH STEEL COMMERCE

London advices state that imports of iron and steel have declined to almost one-half those of a year ago, using the figures of October as a basis. Only 90,638 tons were brought into Great Britain last month, as against 172,769 tons in October, last year. However, imports increased in October, 1922 over those of September, the same year, or as 90,638 tons compared with 70,553 tons. For the ten months ended October 21, 1922, total imports were 657,974 tons, compared with 1,359,766 tons the corresponding period of 1921.

Exports in October had increased to over double those of that month last year, or as 347,128 tons compared with 155,848 tons. October exports this year were also greater than those for the preceding month, which were 279,168 tons. For the ten months period this year's exports were 2,657,960 tons, compared with 1,301,513 tons for the corresponding period of 1921.

APPELLATE COURT GIVES RULING ON BUILDING RESTRICTIONS IN DEED

Provisions of building restrictions in deeds may not be evaded on a technicality where it is clear that they were made for a mutual benefit of property owners, according to a decision of the appellate court which reverses a ruling of the superior court of Los Angeles County. The case at issue was A. N. McBride and others vs. H. and Georgina Freeman, a suit to enjoin the erection of a duplex house on Willard Ave., Los Angeles, which, it was claimed, was in violation of building restrictions. When the case came up in the superior court, plaintiffs were denied the right to submit evidence in support of their contentions and judgment was given for the defendants. On appeal the ruling of the lower court was held to be in error and the judgment was reversed. Unless the appellate court decision is reversed by the supreme court, the duplex house cannot remain on the lot.

The restriction in the deed, over which the controversy was waged, provided "no offices, stores, flats, lodging houses, or apartment or any business building of any description to be erected, kept or maintained on said property, but a residence," but it was not specifically stated for whose benefit the restrictions are made. "The main contention made," says the appellate court in its opinion, "and which it may be inferred chiefly influenced the decision of the trial judge, is that the restrictive covenants in the deeds were not sufficient in form to confer a mutual right for the enforcement of the conditions as between successors in interest of the original grantor." Various decisions cited were reviewed by the court, establishing the principle that a building restriction is equivalent to an easement.

"We come then," said the court, "to the bald question as to whether a restriction contained in a deed like that here exhibited, made under the circumstances alleged, is of any effect as conferring any right to enforce it upon others of the tract owners holding under like restrictions, because of the fact that it is not expressly stated in the deed that the restriction is created for the benefit of all the lot holders. Whatever view may have been taken by the courts when considering such a restrictive contract in the light of the common law rules alone, courts of equity have almost from the time of their establishment extended aid to persons other than those actually named in like covenants and caused to be secured rights which existed as a duty owing, regardless on whether a strictly legal action could be predicated as for breach of contract. Hence, there have been recognized for a long time, both in England and America, equitable easements."

Referring to the claim of the defendants that the general plan of improvement was not carried out, the court says:

"It appears by the allegations of the complaint that the lots acquired by the plaintiffs and that acquired by the defendant Georgina Freeman were not full sized lots, according to the lines delineated upon the plat of the tract, but were fractional lots. The fact that the lines of the lots held by the plaintiffs and defendant Georgina Freeman did not coincide with the plat lines, does not weaken the effect of the restrictive clauses as they were alleged to have appeared in each several deed by which title to the property was acquired. The restriction (especially as to the character of the building to be erected, applied to the property conveyed, irrespective of whether the conveyance covered a fractional lot, or a lot and a portion of another, as the case might be."—Southwest Builder.

Office Building Costs Compared-- S. F. Has Lowest Operating Expense

Cost of operation as well as the income derived from office and mercantile buildings was on the up-grade in 1921 as compared with 1920, according to a survey just completed by the National Association of Building Owners and Managers. Taxes, depreciation and insurance accounted for the increased operating costs.

Comparison of 75 buildings which contributed to the survey of 1920 and 1921 shows an increase in operating expenses of 2.2 per cent, an increased income of 1.6 per cent. The report for 1922 is based on 152 buildings located in 47 different cities including New York, Chicago, Cleveland, San Francisco and Seattle.

The report shows that rents range from 80 cents per square foot for loft buildings to \$4 per square foot for the highest type of office building, with a mean average of \$1.56 per square foot. It is explained that while this average is less than the prevailing market price for office buildings, this fact is due to long time pre-war lease made at low rates.

The tax valuation of land and building averages \$9.95 per square foot, according to the report. The average relationship between total tax valuation and rent shows the latter to be approximately 15.30 per cent of the tax valuation, and in reality, 5.9 per cent earning for office buildings. The highest net income reported was from Oklahoma, due to apparent low land valuation, says the report.

Among the factors increasing operating costs were increases, repairs and alterations, insurance, taxes, depreciation and fixed cost. Little Rock, Ark., has the lowest tax rate, 1.57 per cent, with Cleveland the highest, 3.55 per cent, and Chicago a close second with 3.27 per cent, the report shows.

Heating is an important factor in building costs, the report showing an average of 83 pounds of steam per square foot must be furnished during the year, costing on an average of 7.5 cents and consuming 17.5 pounds of coal.

The highest operating expense was recorded in Duluth, with the lowest reported in San Francisco. While Duluth had the highest insurance rate, New York and Seattle registered the lowest rates. Duluth also showed the highest depreciation charges, with Omaha reporting the lowest.

Labor conditions treated in the report shows that while the per diem in Chicago is the highest, the cost per square foot in maintenance is much less than in many other cities. The matter of keeping a building clean varies according to the city, showing that in Pittsburgh it requires 210 days of labor for each thousand feet, while in Indianapolis only 57 days are needed, with Chicago using 118. The report also discloses that power can be purchased from central plants at less expense than manufactured on the premises, exclusive of depreciation to the power plant.

The survey in Chicago shows that it has 11.4 square feet of rented space for each square foot of ground. Detroit, with 8.2 feet, is second. Average rent per square foot for both store and office rent is \$2.60 in New York, \$2.48 in Detroit and \$2.21 in Chicago. The building values for each square foot of rental space was highest in San Francisco.

In discussing the question as to whether office buildings are profitable beyond a certain height, the report states "that it has been discovered that both gross and net, income increase with the height of building up to 24 stories, with the gross income increasing faster than the net, indicating that expenses also increase with height." It would therefore seem that a limit might be reached at a point where the increase in expenses have offset the increase in income. Such a limit, however, would probably depend more upon the size of the lot than the height of the building, that is for very tall buildings on small lots the economical height would be reached at a much lower point than for tall buildings on large lots."

OREGON DRAINAGE ASSN. MEETS

The eighth annual meeting of the Oregon Drainage Association was held December 19 in the Green Room of the Portland Chamber of Commerce. Land settlement and state-wide development were discussed. Plans of the Oregon Development Board and the Portland Chamber of Commerce were explained by General Manager W. D. B. Dodson, of the Chamber, and James Kyle, president of the Oregon Irrigation Congress. Each emphasized the need of cooperative markets for the farmers so that they will receive the largest returns possible for their produce. No development can succeed, they said, without settlers on the land are provided with a market for their produce and good living conditions for their families. The convention continued all day and was concluded with a dinner in the chamber dining room. Various phases of drainage were discussed and there were discussions on soil conditions and best methods of cultivating reclaimed lowlands. Among the speakers were Director J. T. Jardine of the Oregon experiment station; State Engineer Percy A. Cupper; W. L. Powers, J. O. Elrod, W. W. Johnston, M. J. Lee and others.

WORK STARTED ON SUN PORTLAND CEMENT PLANT

Work has been started at Huntington, Ore., on the plant for the Sun Portland Cement Company which has been organized and will be incorporated for \$1,000,000. The plant will be located on the Northwestern Railroad and will be one of the most modern in the West. Officers of the company are H. A. Ross, president; L. C. Newlands vice president; G. MacDonald, secretary and H. L. Knappenburger, treasurer. The plant will have a daily capacity of 1100 barrels and shipments of the product will be started in the spring.

L. C. Newlands and G. MacDonald are officers in the Oregon Portland Cement Company and Ross is a stockholder in the same. The following are some of the stockholders: Edward Cockingham, J. C. Ainsworth, F. T. Griffith, A. L. Mills, A. H. Devers, F. C. Malpas, Dr. Chester Moore, J. N. Neal, George Lawrence, Jr., W. C. Lawrence, Chester Dolph, B. C. Lamb, of Tillamook; Chester Thorne and F. Van Sant of Tacoma; Herbert Fleischacker San Francisco, and J. H. Booth of Roseburg, Ore.

ORGANIZATION NEWS

OPEN SHOP ORGANIZATION IS PERFECTED AT FRESNO

The Valley Contractors' Association, an open shop organization, comprising twenty-six firms engaged in the building business, has been organized in Fresno and will maintain permanent offices at 2225 Fresno street, that city. George Armstrong is secretary of the association.

Speaking of the aims of the organization, Secretary Armstrong, says:

"The Valley Contractors' Association has not been organized to fight the unions, but there are many people in Fresno who would build, were they not afraid of being harassed. The man with the money to build does not have to do so, and the purpose of this organization is to give building service to those who desire. The membership includes all crafts, and all members are men of experience."

In a letter to various organizations throughout the Fresno district the objects of the association are outlined, as follows:

"Our objects are to establish a closer point of contact among the contractors who are operating under the open shop conditions and thereby insure a continuity of employment among our employees; to elevate the standard of efficiency in the open shop by paying a wage commensurate to the work performed; to insure the building public against waste and extravagance in building operations; to preserve the right of individual contract and to promote co-operation among our members."

The officers of the association are as follows: B. A. Goodenough, president; W. E. Sims, treasurer; George Armstrong, secretary; F. C. Adams, G. M. Griegs, Paul Bourzac, E. A. Goodenough, Robert Johnson, C. J. Keese, T. J. King, B. W. Murrell, S. J. A. Fifer, W. E. Sims, J. L. Welliver and J. H. Whitt, members of the board of directors.

NORTHWEST A. G. C. TO MEET

Walter N. Clist, a member of the contracting firm Rounds-Clist Co., Seattle, Wn., has been named head of the Associated General Contractors convention committee to arrange the program for the annual meeting of the Northwest Chapter of the A. G. C. to be held in Seattle February 9 and 10. The convention promises to be the most important gathering of contractors ever held in the Northwest and will be attended by hundreds of men engaged in construction work and in general contracting.

HIGHWAY OFFICIALS HOLD CONVENTION

State highway officials from all over the union met in convention December 1-6, at Kansas City, Mo., in the Hotel Baltimore. Nearly three hundred persons attended, among them representatives of the Federal Highway Commission, who discussed the importance of state roads as links in the federal system. Engineers of the several states spoke on what their own states are accomplishing and methods of financing. "The Spirit of Transportation," as conceived by twelve artists of national reputation, was represented by twelve paintings hung on the walls of the Francis I. Room.

AMERICAN SOCIETY OF ENGINEERS L. A. SECTION, ELECTS OFFICERS

Franklin D. Howell, transportation engineer, has been elected president of the Los Angeles Section, American Society of Civil Engineers. Other officers elected were: W. H. Code, of the firm of Quinton, Code & Hill, consulting engineers, first vice president; Franklin Thomas, professor of civil engineering, California Institute of Technology, second vice president; F. G. Dessery, consulting engineer, secretary; E. R. Bowen, consulting engineer, treasurer. These officers, together with Past Presidents H. W. Dennis, chief engineer of construction for Southern California Edison Company and Ralph J. Reed, chief engineer of construction for Union Oil Company, comprise the board of directors.

Lloyd Aldrich, who was the engineer in charge of the experimental road test at Pittsburg, Calif., instituted by the Columbia Steel Company, at a recent meeting of the section gave a descriptive lecture illustrated by moving pictures, covering the construction of the road and the progress of the tests. He said that the tests were not final and are being continued by the U. S. bureau of public roads and the California highway commission. A formal report on the experiments is now in the press and a limited number of copies will be distributed.

RAILWAY COMMISSIONERS ELECT OFFICERS

The National Association of Railway and Utilities Commissioners at its annual convention in Detroit, Mich., elected the following officers to serve for the ensuing year: President, Dwight N. Lewis, of the Iowa Commission; first vice president, Alexander Forward, of Virginia; second vice president, H. G. Taylor, of Nebraska; secretary, James E. Walker, of New York; assistant secretary, J. H. Corbitt, of Tennessee, and general solicitor, J. E. Benton, Washington, D. C.

ELECTRICAL MEN TO ORGANIZE ASSOCIATION

Definite plans for the organization of an electrical development association for northern California for the purpose of educating the people to the necessity of better co-operation between company and public, were outlined at a meeting of electrical men in the banquet room of the Hotel Land, Sacramento, on December 13.

A delegation of members of the Electric Development association of San Francisco was present. William Shreve of the General Electric company spoke at length on the benefits of the organization. He stated there is a greater need than ever for a constructive electrical organization, and that such an organization is essential to good business principles.

Over sixty men signified their intention of joining the organization. A committee consisting of J. L. Toly, J. A. Davis, Carl Beaten, Fred Bennett, E. H. Lang, H. A. Shearer, A. P. Broton, W. H. Evans, T. J. Fletcher, Carl Lamus, R. B. Brewster, Clifford Padhome and James A. Woods was appointed by J. C. Hobrecht, chairman of the meeting, to perfect the plans of the organization.

SLATE ASSOCIATION TO MEET

The Slate industry will hold meetings in New York at the Commodore Hotel January 22 and 23 under the auspices of the National Slate Association. Dr. Oliver Bowles of the U. S. Bureau of Mines, will preside at the opening session devoted to an exchange of experience by producers on quarry and production problems and the new uses of slate which were developed in 1922 to commercial stages and those still under investigation and trial or which should be undertaken. Opportunity will be given equipment manufacturers for demonstrations of any new apparatus or methods which are applicable to the slate industry. Another session will be devoted to a discussion of common problems by roofing contractors and other users of slate with producers and distributors.

LUMBERMEN APPOINT STANDARD COMMITTEE

A central committee on lumber standards, representing about 150 lumber organizations throughout the country met in Chicago recently to perfect a national lumber standard.

Wilson Compton, manager of the National Lumber Manufacturers' Association, was selected as chairman of the committee, which aims at uniformity of grades and sizes of lumber throughout the country.

This committee, appointed as a result of cooperation of the National Lumber Manufacturers' Association and the Departments of Agriculture and Commerce, will hold further meetings after the holidays, to work out its plans.

INDUSTRIAL ACCIDENT REPORT

The outstanding fact in the Annual Report of the Industrial Accident Commission of the State of California, as submitted to Governor William D. Stephens, is that there was a decrease of 42 industrial deaths in 1921 as compared to 1920 the totals respectively being 559 and 592. The statistics further show a reduction of 38.39 per cent in the industrial death rate of California for the calendar years 1914 to 1921, inclusive.

There were 1613 permanent injuries reported in 1921 to the Commission, as compared to 1920 in 1920. There was also a reduction in temporary injuries, as shown by the totals of 123,336 in 1921 and 131,587 in 1920. In 1921 temporary injuries to the total of 69,685 did not cause loss of time from work.

PLACER COUNTY JURY REPORTS ON ROAD BUILDING POLICY

The Placer County Grand Jury in its report recently submitted urges that some permanent policy of county road building be adopted. The construction of roads on the one-unit plan is advocated. The jurors would abolish the present system of having the supervisors superintend their individual district. The policy favored would mean the employment of a county superintendent of roads who would be accountable to the board of supervisors. It was pointed out that this method would mean the speedy construction of roads.

Forest fires in the United States average 32,500 annually, says the U. S. Forest Service. Based on a six-year average 7,088,000 acres are each year burned over and the immediate property loss is \$16,424,000.

Uniform Highway Traffic Regulations Will Be Subject of American Good Roads Show

A movement likely to result in the enactment of uniform highway traffic regulations throughout the United States is expected to develop at the Chicago Thirteenth American Road Builders' Congress and Exposition, which is to be held in Chicago under the auspices of the American Road Builders' Association. This subject is naturally one of the field of highway traffic regulations, and it is expected that the regulations are that it will be taken to a head through a proposed bill, T. J. Wasser, of the road builders' organization, in his annual address Tuesday, January 16. Mr. Wasser will propose joint action by the American Road Builders' Association, the American Society of Automotive Engineers, the American Automobile Association, the National Automobile Chamber of Commerce, the American Association of State Highway Officials and the United States Bureau of Public Roads and possibly other agencies, with a view to working out a solution of the question along national lines.

The subject of Mr. Wasser's address will be "Highways—Their Use and Abuse." The road builders' president will discuss such questions as more adequate ways for roadways, marking roads with direction signs and numbers, gasoline filling stations, the bill-board nuisance and uniform traffic rules and restrictions. At present, according to Mr. Wasser, each of the forty-eight states is operating its highways independently of the others and there is much conflict and confusion.

"I want the American Road Builders' Association," said he, "to take the leadership in promoting interstate cooperation in securing better and more uniform traffic regulations and I am sure that we can organize a movement

of Chicago that will sweep the subject through the Congress. The American Road Builders' Association will exhibit a large display of road building equipment and materials, and will also have a large display of road building equipment and materials. The American Road Builders' Association will exhibit a large display of road building equipment and materials, and will also have a large display of road building equipment and materials.

The exhibit of road building equipment and materials will be held in the Chicago Coliseum and adjacent buildings. The exhibit of road building equipment and materials will be held in the Chicago Coliseum and adjacent buildings. The exhibit of road building equipment and materials will be held in the Chicago Coliseum and adjacent buildings.

During the congress, convocations will be held in Chicago by the Asphalt Association, the Midwest Section of the American Association of Engineers, the National Sand and Gravel Association, the National Crushed Stone Association, the Illinois Highway Contractors' Association, and the Illinois Association of General Contractors.

The entertainment to be provided during the week for delegates and visitors will include a stag party to be given Tuesday night, January 16, by the exhibitors at the show, with orchestral music, songs, dancers and boxing contests. On Wednesday evening, January 17, the annual banquet of the American Road Builders' Association will be held at the Congress Hotel. Men of national prominence will address the banquet and a high class musical and vaudeville program will be rendered. On Thursday evening, January 18, the American Road Builders' Association will entertain delegates and visitors with a dinner party at Terrace Garden, during the performance of "The Terrace Garden Review."

CALIFORNIA BUILDING LAW COMMITTEE NAMED

The State Housing and Immigration Commission has practically completed its hearings on formulating amendments to the California building laws, which are to be presented at the next session of the California Legislature. The following have been appointed a committee to define the proposed changes and present them at a meeting of the commission on January 3: J. J. Backus, Los Angeles; John E. Horgan, San Francisco; Robert Green, Berkeley; Ballou Chief, M. J. Keams, San Francisco; A. C. Horner, Stockton; A. M. Edelman, Sacramento; and Felton Taylor, San Francisco.

SYSTEM FOR NUMBERING OF STEELS TO BE DEVELOPED

A system of designating kinds or qualities of steels by code numbers, each of which would represent a definite specification, will be developed as a result of the decision of a conference of the principal producers and users of steel held at Washington, D. C., December 6, at the call of the American Engineering Standards Committee. The conference recommended that this code be developed under the procedure of the A. E. S. C. and suggested to that organization the appointment of the Society of Automotive Engineers and the American Society for Testing Materials as joint sponsors for the code.

1920 LUMBER SHIPMENT

The nation's lumber shipment in 1920, a recent U. S. Forest study shows, was no less than 2,670,000 carloads; and the average haul for each carload was 485 miles. According to the best estimate the Forest Service is able to make, the freight bill on lumber for that year was \$275,000,000. A fraction of this sum wisely invested each year in forest protection and rehabilitation would grow timber where it is needed, reduce the nation's freight bill, cheapen lumber and release vast amounts of railroad equipment and labor for unavailing transport. Coal and iron cannot be grown, but timber can be.

PROBLEMS RELATED TO THE HARDENING OF STEEL

One of the most fascinating and yet obscure subjects in the metallurgy of iron and steel is the hardening of steel. The hardening of steel is a process which is usually carried out by heating the steel to a temperature of about 1,000 degrees Fahrenheit and then cooling it rapidly. The process of hardening is usually carried out by heating the steel to a temperature of about 1,000 degrees Fahrenheit and then cooling it rapidly. The process of hardening is usually carried out by heating the steel to a temperature of about 1,000 degrees Fahrenheit and then cooling it rapidly.

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WORLD'S FOREST RESOURCES

Forest Service investigators have recently completed a unique and exhaustive compilation of the forest resources of the world, says Colonel William B. Greeley, Chief of the Forest Service. Not the least startling of its revelations is that so far as our great structural and all-purpose woods—the softwoods—are concerned, we must become self-sufficient or go without. If all the available Siberian timber were put at the undisputed call of the United States the yearly export would hardly supply one-fourth of our annual timber needs. There is an immense reservoir of hardwoods in the tropics, hardwoods which can be used for limited and special purposes and secured at moderate prices. But the struggle for the world's supply of softwoods will become more and more intense, and these nations will fare best that can afford to conserve their waste lands for growing coniferous woods. This study surely shatters the dream of those who rely on importing the timber we need when our own is gone.

PLAN ROAD DEVELOPMENT FOR NATIONAL DEFENSE

Road development needed for national defense as planned by the General Staff of the Army has recently been indicated to the Department of Agriculture by the Secretary of War and the information has been placed in the hands of the engineers of the Bureau of Public Roads who are at the present time getting into final shape the plan for the system of Federal-aid highways. This system will consist of approximately 180,000 miles of road, so laid out as to serve all parts of the country and will be built by the States in conjunction with Federal aid.

The General Staff has been investigating the subject since 1919 the Bureau of Public Roads collaborating. Briefly summarized, the report made is as follows: There are certain vital areas along the boundaries of the United States against which any invasion will probably be directed. These areas have been outlined by the General Staff. For military purposes they should be connected with the centers of production and storage and industrial centers. The roads will then become strategic lines of supply and will usually conform with roads located for other purposes. Transcontinental routes are of no particular value for military purposes.

The plan submitted by the War Department shows important centers that should be connected, but does not give detailed routes. Engineers of the Bureau state that these points can be connected by roads without any serious dislocation of the plan of development for other purposes and that in general the military need for roads conforms with surprising closeness to the commercial and economic needs. It is thought that the plan submitted can be embodied into the Federal-aid highway system and thus make the system an important factor in our plan of national defense.

Roads of purely military nature such as those leading to coast fortifications have not been included in the plan submitted and will be handled by the War Department as heretofore.

WAGES WILL NOT RETURN TO PRE-WAR LEVELS

Wages will never return to the levels in effect before the war, Julius H. Barnes, president of the chamber of commerce of the United States, asserts. The advance since 1921, he says, "is not a war time inflation, but a real increase of individual earning power," and he declared that an economic system which can give us more for every one—more automobiles, more general education, more plumbing, more graphophones and bigger real wages—must be preserved.

Barnes declares the decrease of 1,790,000 in the number of farm workers since 1900 was not "evidence of decadence of agriculture," because improved machinery "has enabled fewer workers to get more production than the men who have been relieved, and have been able to supply the brawn for the great industrial developments in the last twenty years—automobiles, electricity, motion pictures and chemical work."

During the calendar year 1921, a total of 1104 miles of road and 2959 miles of trail were constructed or improved within and adjacent to the National Forests, according to statement of the U. S. Forest Service. Three thousand and seven miles of road and 4294 miles of trail were maintained.

Reclamation Service Denies "Robbing" California

Positive denial that California was being robbed by the Reclamation service by diverting money derived from the sale of California public lands to pay for reclamation projects in other States is contained in a letter received by Senator Shortridge from the director of the Service.

During his recent visit to California Senator Shortridge heard from many sources that the State was being discriminated against by the Reclamation service in this respect and it was one of the first things he looked into upon his return to Washington. He called on Mr. Morris Bien, the acting director of the service, and requested a full and complete explanation of the situation. This was given and for the sake of various California interests which have complained of the Government's policy the Senator asked the acting director to put the facts into a letter. This was done and the letter submitted follows.

"Your reference of December 2, 1922, enclosed a letter of November 24, 1922 from Eli P. Plaugher, of Coalinga, Cal., who attached a clipping from the Coalinga Daily Record of November 16, 1922, relative to the statement of Mr. A. R. Kanaga, irrigation expert of San Francisco, Cal., who gives his views relative to the use of the moneys received from the sale of public lands in the State of California.

"In effect, he claims that the moneys received from the sale of public lands in California should be used in the State of California and not for the construction of irrigation works in other western States.

"Section 9 of the original Act of June 17, 1902 provided that the funds derived from the sale of lands in any State should be used within that State to the extent of 50 per cent provided that feasible projects existed therein, with certain conditions for adjustment. This Section of the Act was repealed June 25, 1910 (36 Stat., 855) because it was found to be impracticable.

"The 21st Annual Report of the Reclamation Service just issued shows that the proceeds from the sales of public lands in California since the period covered by the Reclamation Act to June 30, 1922 was \$7,123,840.13 and that of this sum \$1,057,000 was spent on the Orland Project, California, \$8,942,000 was spent on the Yuma Project Arizona-California. As about one-seventh of this area lies within the State of California, approximately \$1,277,000

of this sum was expended for the benefit of California lands.

"On the Klamath Project, Oregon-California, the total expenditures have been \$2,540,000. As about one-third of the land is in California we may regard \$1,180,000 as having been expended for the benefit of California lands.

"In addition, \$139,000 have been expended for investigations of possible projects in California, being a total of \$3,655,000 expended for the benefit of California lands. You will note that this is more than one-half of the proceeds of the sales of public lands which under the provisions of Section 9 of the original Reclamation Act would be within the requirements of that Section if it had continued in force.

"It will be observed that the discrepancy between the total receipts from California lands during the period of the Reclamation law and the total expenditures in California is not nearly as large as the \$14,000,000 asserted in the statement attributed to Mr. Kanaga, which is transmitted with Mr. Plaugher's letter. Moreover, investigations indicate the existence of a feasible project in the Sacramento Valley known as the Iron Canyon Project on which very large sums are likely to be expended in case the project is undertaken. There are also possibilities for the extension of the Orland Project, besides a considerable feasible development in the Imperial Valley section. Legislation is now under consideration in Congress for the last named proposition, which if authorized will be one of the largest irrigation developments in the country.

"It is evident, therefore, that ultimately very much larger expenditures will be made on account of California lands than are likely to be returned from the sales of public lands therein.

"It may not be amiss also to call attention to the fact that California is benefiting largely from expenditures out of the Reclamation fund in the neighboring States through the increases in business.

"It is not profitable to undertake a discussion of the questions, first as to the right of Congress to provide for the expenditures of the receipts from the sales of public lands in any way which it may deem wise, and second, that no State has any claim in its own right to any part of the funds derived from the public land sales."

LUMBER CUT DECLINES 34% FROM RECORD—WASHINGTON PRODUCES GREATEST TOTAL

The total production of lumber in 1921 by Washington and Oregon was 5,829,598,000 ft. compared with 8,846,607,000 feet in 1920 which was the record year so far. The 1921 production was 34 per cent less than the record. In 1920 Washington produced 5,524,509,000 feet and Oregon 3,316,098,000 feet of the total.

The reported production of lath was 753,045,000 in 1921, compared with 578,674,000 in 1921 and 461,906,000 in 1919, and that of shingles was 5,736,760,000 in 1921, compared with 5,135,826,000 in 1920 and 7,625,188,000 in 1919.

Washington has been the chief lumber producing state for many years and Oregon ranked second in 1920. Douglas fir is the principal species cut in both states and for several years their combined output of lumber from this wood has comprised about 95 per

cent of the total for the United States.

The forest service reports that the decrease in the lumber cut in Oregon and Washington in 1921 compared with that for 1920 was due to lack of demand, low prices and unsatisfactory shipping facilities, and that the indications are that the 1922 cut, while larger than that of 1921, will also be somewhat less than the cut for 1920.

CAN'T SMOKE—PLUMBERS QUIT

Said to have objected to a rule prohibiting smoking while at work, and opposition to an order requiring them to check on and off work, the plumbers employed on the annex being added to the Golden Hotel at Reno, Nevada, have quit work. Labor leaders state that no strike has been called, and that the men left the job as individuals. Contractor P. C. Walker states that unless the men return to work in three days, he will engage other plumbers and complete the installation of equipment.

NEW METHOD OF MEASURING SAND MAKES CONCRETE MORE RELIABLE

The reliability of concrete construction is likely to be increased, and the cost in some cases reduced, by the application of a newly developed method of measuring sand, which is now being tested at the Bureau of Standards of the Department of Commerce. The method has been termed the "inundation method" and consists of measuring sand in a container which has been partly filled with water before the sand is put in, so that when the sand is in, the water is up to the top and the sand completely soaked.

The volume occupied by a given amount of sand when shoveled into a measuring device varies with the moisture content of the sand; the difference in measured volume between dry and moist sand being usually from 10 to 15 per cent and occasionally running as high as 50 per cent. But it is found that if the sand is completely soaked or "inundated" uniform measuring results can be obtained no matter how much the original moisture content may have varied.

In making concrete the proportions of cement, sand, stone, and water are so chosen to get the required strength and workability with a minimum of cement, since the cement is the chief factor in the cost. Inaccurate measurement of the sand may result in too large a proportion of sand, in which case the concrete is too weak, or in too small a proportion of sand and hence a concrete too rich in cement.

But the rich concrete is not necessarily stronger than the concrete the contractor intended to make for the sand has brought in some water in addition to that which is added on purpose, and if this extra water is not allowed for and the amount of water added correspondingly decreased the concrete will contain too much water. It will be sloppy and when set will not be dense enough to give the necessary strength. The contractor therefore is merely wasting cement and doing good to no one.

It is hoped that with the inundation method it may be possible to specify concrete by the strength required rather than by arbitrary proportions. The contractor can then find the proportions of the materials he is using that will give the requisite strength and can adhere closely to these proportions. The result will be a concrete whose proportions are more nearly what they were intended to be, and with which a lower factor of safety can be used.

Formanek's Farmers Supply House Co., of Fresno has been incorporated with a capital stock of \$100,000 and will engage in the buying and selling of farm machinery. Directors are: H. A. and Enille Formanek, L. M. Houston, C. Edwin Oyster and Auda Shaffer, all of Fresno.

Reports are current in Portland, Ore. that the Robert Dollar Lumber and steamship interests will take over a deal whereby they will take over the Portland Lumber Company's plant in South Portland. The mill is one of the largest in the Portland district and is modern throughout. It is proposed to cut lumber for the export trade.

Due to increased business and the enlargement of its membership the Builders' Exchange of Portland, Ore. will spend \$5,000 in rearranging the present quarters and installing additional fixtures. The exchange is now enjoying the largest money reserve in the history of the organization.

555,400 Acres Of Irrigated Land In State Of Washington, Report Shows

The biennial report of Marvin Chase, supervisor of hydraulics of the state of Washington, to Director Dan A. Scott, of the Department of Conservation and Development shows the use of water for 555,400 acres of irrigated land which produces an annual wealth of \$75,000,000 to \$90,000,000, together with the use of water by 71 hydro-electric plants generating 419,860 horsepower.

The regulation of water for use in these enterprises is done by water masters covering various districts throughout the state under the direction of the supervisors of hydraulics. About 90 per cent of the expense of these officials is borne by the water users and 10 per cent by the counties. However, the water code provides that the counties carry the entire expense, but through efforts of the supervisor where this expense is comparatively high it has been greatly reduced to the county by the organization of water users, who pay for services of a water master according to benefits.

Determination and adjudication of water rights is one of the important duties impelled upon the supervisor of hydraulics. On some streams where water rights have not been adjudicated much conflict and confusion occurs, frequently causing enmities among neighbors. In many instances these differences are settled through efforts of the supervisor of hydraulics through agreements and willingness of the parties to abide by his decision. When these problems are large and cannot be handled in a diplomatic manner, as a last resort action is started by that officer to determine the various water rights in a manner provided by the water code. Proceedings of this nature have been completed on 16 streams, involving 38,965 acres, affecting 738 separate water rights.

Proceedings are now pending before the supervisor, involving 10 streams with 329 separate rights for irrigation of 25,700 acres of land. It is probable that 14 streams will be taken up in the next biennium.

STEWARTSON MEMORIAL SCHOLARSHIP IN ARCHITECTURE AWARDED

Otto M. Olsen, a post graduate student at Carnegie Institute of Technology, Pittsburgh, has been awarded the John Stewartson Memorial Scholarship in Architecture, for 1922. In winning this—most coveted prize for young architects in Pennsylvania—Carnegie Tech students have won the scholarship for two consecutive years, and three times in the last five years. H. L. Rubin won it in 1917 and Russell F. Simpson was the holder last year.

The scholarship, valued at one thousand dollars, is a memorial established on the basis of a fund donated by John Stewartson, noted architect of Philadelphia, who died 23 years ago. Candidates are restricted to architects, 22 to 30 years of age, who have completed at least one years office experience and two years in an approved school of architecture, and must have studied or practiced architecture in the State of Pennsylvania for the period of at least one year immediately preceding the scholarship award. The scholarship includes a year's travel in Italy, France, Greece, and Spain.

More than 120 architects entered the competition this year, from whom five

During the biennium 313 applications to appropriate water have been received, making a total of 833 now pending, of which 292 were for irrigation of 1,055,500 acres which will produce a wealth of \$200,000, with a possibility of producing \$100,000,000 annually in crops. One hundred and fifteen applications are for the development of 60 hydro-electric plants with an estimated output of 3,875,000 horsepower. Forty-five applications are for municipal use supplying water for 49 towns and cities with a total population of 150,000. Ten other applications are for logging and fish hatcheries. The total estimated cost of projects in which this water is to be used is \$297,000,000.

Gathering of hydrographic data is the fourth branch of the supervisors work. This is for the purpose of obtaining an inventory of the state's wealth in water resources. Data has been accumulated, recorded and published of 397 streams. These streams are supplying water for the irrigation of 70,000 acres of land and have an additional water supply to irrigate 50,000 acres.

Seventy-five per cent of the work in connection with the office of the supervisor of hydraulics must be done in the field. Aside from gathering hydrographic data on 397 streams, 210 field examinations and reports were made in connection with applications for permits to appropriate water. One hundred and thirty-five water problems where rights conflicted or where advice was desired were taken up on the ground. Five hundred additional water problems are of such nature that they can be handled by correspondence.

The report shows that there is a sufficient water supply in the state to irrigate 255,000 acres of its arid and non-productive lands, being five times greater than the area now irrigated.

The potential horsepower exceeds any state in the union, being estimated at 6,445,860, and is 16 per cent of the total potential horsepower of the United States.

Only 7 per cent of the water power of the state is developed, while water for irrigation is 17 per cent developed.

candidates and two alternates were selected to enter final competition. A jury of New York architects made the award the judgment including the problem "National Tennis Club." Of the seven highest ranking applicants, Carnegie Tech was represented by three, Boswell Olsen, the winner, George N. Panley was one of the first five, and C. W. Hunt was one of the two alternates. Olsen was awarded his B. A. in Architecture at Carnegie Tech in June, 1922, and prepared for college in Central High School, Duluth, Minn. He returned to Carnegie Tech this year to take work leading to a Master's degree.

All signs, with the exception of possible European difficulties, point to the biggest production and biggest pay rolls in the history of southern Oregon lumbering, according to H. D. Mortensen, manager of the Pelican Bay Lumber Company of Oregon. New ocean lines have been established between Oregon and New York. Mortensen says, which will treble the 1923 shipment over 1922. This year half a billion feet of lumber was shipped by water from Portland. Next year it is estimated a billion and a half feet will be shipped

FRESNO, Fresno Co., Cal.—City commissioners will call election in April to bond for \$300,000 to purchase fire equipment and erect new quarters for department.

CHURCHES

FRESNO, Fresno Co., Cal.—St. Paul's Methodist Church, Rev. G. W. Fletcher, Pastor, will erect new church at Maple and Illinois streets, a deal for the site having been closed. A building committee will be appointed to secure plans.

FACTORIES & WAREHOUSES

Plans Being Prepared.
ADDITION Cost, \$100,000
SAN RAFAEL, Marin Co., Cal., 4th St. Two-story reinf. concrete addition to ice plant.
Owner—National Ice Co., Postal Tel. Building, San Francisco.
Architect—Engineering Dept. of owner, Mr. Howell in charge, Postal Tel. Building, San Francisco.

Contract Awarded
WAREHOUSE Cost, \$75,000
SAN JOSE, Santa Clara Co., Cal., Orchard St., bet. Santa Clara and San Fernando.
One-story brick warehouse.
Owner—Costa Bros.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—Dick Sherman, San Jose

Ready For Figures Next Week.
FACTORY BLDG. Cost, \$30,000
SAN FRANCISCO, S. Brannan W 3rd St. Two-story and basement class C factory building.
Owner—Lurie Co., Mills Bldg.
Architect—S. Heiman, 57 Post St.

Contract Awarded.
STORAGE PLANT Cost, \$30,000
FRESNO, Fresno Co., Cal., Mono & P Streets.
Storage plant.
Owner—Fresno Consumers Ice Co., Fresno.
Architect & Contractor—Davis-Heller Pearce Co., Delta Bldg., Stockton.

LOS ANGELES, L. A. Co., Cal.—Hamm & Grant, Engineers, Bldg., L. A., have completed plans and are commencing work on the erection of a 1-story factory bldg., at 51st St. and Santa Fe Ave., for California Enameling Co. It will be 300x50 ft., brick constr., steel sash, structural steel, comp. roofing, cement floors.

VANCOUVER, B. C.—H. C. Hill, district representative for the Carnation Milk Co., is in this city to investigate sites on which it is proposed to locate a milk and cream company plant. Offices of the company are maintained in Chicago. P. G. Kinger is general superintendent of the company.

YUBA CITY, Sutter Co., Cal.—Engineers of the King Food Products Co. are in this city investigating sites on which the company proposes to erect a plant for the packing of fruits and vegetables. The proposed plant will cost in the neighborhood of \$250,000. Sites in the vicinity of Marysville, Yuba county, will also be investigated.

SAN FRANCISCO—The Delta Bridge Corp. of San Francisco has been incorporated with a capital stock of \$1,000,000 and proposes to finance construction of a toll bridge over the San Joaquin river near Antioch and the construction of a series of warehouses in the vicinity of the bridge project. Directors of the company are John L. Whitmore, B. M. Baccoli, C. M. Greene and E. W. Wedge of San Francisco and J. J. Brown of Sausalito.

CHICO, Butte Co., Cal.—Chico Chamber of Commerce proposes to establish cooperative cannery. Size of the plant will be determined when a report is submitted by County Assent H. E. Probst as to the extent of the fruit and vegetable output of the county.

SAN DIEGO, Cal.—San Diego Consolidated Gas & Electric Co. applies to Railroad Comm. for permit to sell \$500,000 preferred stock for extensions and additions, to cover the outlying districts of San Diego.

FRESNO, Fresno Co., Cal.—Robert Hulme, of the California Products Co., Butler and O Sts., Fresno, has applied to Prohibition Commission Haynes for a permit to establish a plant at Fresno for the manufacture of industrial alcohol from sweet potatoes, watermelons, peaches and figs.

TONOPAH, Nevada.—Tonopah Extension Co., will increase capacity of its mill from 415 to 500 tons per day in addition to other minor extensions.

FIREHOUSES AND JAILS

SACRAMENTO, Cal.—Sacramento County Grand Jury in its report to the supervisors will recommend the construction of a new county jail or an addition to the present structure. In addition to jail quarters provision would be made in the addition for a hospital for prisoners and offices for county officials having a connection with the jail.

FRESNO, Fresno Co., Cal.—City Commissioner Dillon recommends erection of firehouse in Broadway to replace structure in H St. Structure will be three stories high with quarters on upper floors to house chiefs' offices and quarters for members of department.

FLATS

Plans Completed.
FRAME FLATS Cost, \$18,000
SAN FRANCISCO, E. Arguello Blvd 77 California St. Three-story and basement frame (2) flats.
Owner—Ben Black, 1352 Haight St., San Francisco.
Architect—W. L. Schmolle, 40 Montgomery St., San Francisco.

Contract Awarded.
FLAT Cost, \$12,350
OAKLAND, Alameda Co., Cal., Lots 32 and 33, blk J Park Broadway.
Two-story frame flat bldg. (all work except light fixtures).
Owner—Fanny Schlancker.
Architect—Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor—S. W. Jones, 5829 Lawton Street, Oakland.

Contract Awarded.
FLATS Cost, \$13,470
SAN FRANCISCO, NW Albion Ave. & 11th
Two-story frame (4) flats, except sewer connections, lighting fixtures, wall paper, window shades, hot water heater and finish hdw.
Owner—Harry J. & Margaret Lewis, 23 Lexington Ave.
Contractor—Thos. M. Jones, 3767 Army Street, S. F.

GARAGES

To Be Done By Day's Work.
RESIDENCE & GAR. Cost, \$10,500
SAN FRANCISCO, S. Geary 40 E. Blake. Two-story concrete garage and residence.
Owner—Thos. Hamill, 6140 Geary St.
Architect—John J. Foley, 770 5th Ave.

A. E. Leitch Fred Clark

CLARK & LEITCH
ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

Plans Being Prepared.

GARAGE Cost, \$24,000
SAN FRANCISCO, Richmond District. One-story reinforced concrete garage and auto service building.
Owner—Auto Service Co., of Los Angeles.
Architect—O'Brien Bros., 210 Montgomery St., San Francisco.

To Be Done By Day's Work.
GARAGE Cost, \$16,000
SAN JOSE, Santa Clara Co., Cal. W St., James near 1st St. One-story concrete commercial garage.
Owner—C. A. Letcher.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Bids Opened.
GARAGE Cost, Approx. \$70,000
SAN FRANCISCO, S. Stevenson St. bet. Ecker and Second Sts., running through to Jessie St. Two-story reinforced concrete garage and service station (300 cars) 150 ft. on Stevenson and 120 ft. on Jessie.

Owner—Stevenson Garage, Inc.
Architect—Arthur S. Hughes, 26 Montgomery St., San Francisco.
The following is a list of the bidders according to the amount of their bid, the lowest appearing first:
Cahill Bros., 110 Sutter St.
Adam Arras.
Busky & Brown.
Vukobratich & Bagge.
H. L. Hansen.
L. Vannucci.
Nelson.

The contract will in all probability be awarded to Cahill Bros.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—The following bids were received December 18 by the director of the U. S. Veterans' Bureau, Washington, for the construction of 29 reinforced concrete buildings for the U. S. Veterans' Hospital, Livermore, Calif. All these bids have been rejected on account of being over the estimate.
Architect—Matthew O'Brien, 68 Post St., San Francisco, will leave for Washington immediately and it is his opinion that slight changes will be made in the plans and new bids called for immediately.

Construction

Bid 1. James E. Walsh, 85 2nd St., San Francisco.
Bid 2. I. M. Sommer & Co., 401 Balboa Bldg., San Francisco.
Bid 3. Lange & Bergstrom, 722 Sharon Bldg., San Francisco.
Bid 4. Robert C. Smith, 26th and Howard Sts., San Francisco.
Bid 5. Clinton Construction Co., 923 Folsom St., San Francisco.
Bid 6. Hamah Bros. & C. L. Wold, 142 Sansome St., San Francisco.
Item 1. 29 buildings—**Bid 1.** \$1,559,800; **2.** \$2,225,000; **3.** \$1,881,495; **4.** \$1,770,723; **5.** \$1,938,000; **6.** \$1,784,156.
Item 2. Ductwork, omitting building No. 1—**Bid 1.** \$19,800; **2.** \$24,000; **3.** \$20,000; **4.** \$21,498; **5.** \$23,000; **6.** \$20,680.
Item 3. Do building 6—**Bid 1.** \$75,710; **2.** \$110,000; **3.** \$81,000; **4.** \$86,875; **5.** \$91,000; **6.** \$74,250.
Item 4. Do building 7—**Bid 1.** \$75,740; **6.** \$74,250.
Item 5. Do building 8—**Bid 1.** \$69,880; **2.** \$110,000; **3.** \$67,000; **4.** \$75,855; **5.** \$81,000; **6.** \$67,200.
Item 6. Do building 12—**Bid 1.** \$41,000; **2.** \$30,000; **3.** \$50,000; **4.** \$51,790; **5.** \$67,000; **6.** \$45,975.
Item 7. Do building 14—**Bid 1.** \$73,600; **2.** \$93,000; **3.** \$76,700; **4.** \$83,519; **5.** \$88,000; **6.** \$74,200.
Item 8. Do building 15—**Bid 1.** \$95,500; **2.** \$128,000; **3.** \$113,000; **4.** \$109,291; **5.** \$117,000; **6.** \$101,171.
Item 9. Do building 16—**Bid 1.** \$21,400; **2.** \$24,100; **3.** \$21,700; **4.** \$18,274; **5.** \$23,000; **6.** \$21,149.
Item 10. Do building 18—**Bid 1.** \$12,080; **2.** \$16,000; **3.** \$12,600; **4.** \$13,943; **5.** \$11,000; **6.** \$12,640.
Item 11. Do building 19—**Bid 1.** \$12,850; **2.** \$15,600; **3.** \$12,400; **4.** \$12,191; **5.** \$12,600; **6.** \$12,688.
Item 12. Do building 21—**Bid 1.** \$9,800; **2.** \$15,500; **3.** \$12,400; **4.** \$13,435; **5.** \$14,000; **6.** \$13,068.
Item 13. Deduct if one or more of buildings 23 to 25 and buildings 27 to 30,

inclusive, are omitted—Bid 1, \$14,540; 2, \$11,100; 3, \$17,400; 4, \$17,850; 5, \$19,900; 6, \$17,430.

14. Deduct if one or both of buildings 31 and 32 are omitted—Bid 1, \$12,250; 2, \$9,700; 3, \$15,100; 4, \$16,150; 5, \$17,000; 6, \$14,300.

15A. Excavation—Bid 1, \$160; 2, \$2; 3, add \$2.25, deduct \$1; 4, \$1.50; 5, add \$2.50, deduct \$1; 6, \$2.

15B. Concrete—Bid 1, \$15; 2, \$12; 3, add \$20, deduct \$12; 4, \$12; 5, add \$15, deduct \$10; 6, \$15.

15C. Reinforced concrete—Bid 1, \$22; 2, \$25; 3, add \$29, deduct \$23; 4, \$30; 5, add \$35, deduct \$25; 6, \$30.

15D. Steel—Bid 1, \$612; 2, \$75; 3, \$60; 4, \$70; 5, add \$70, deduct \$60; 6, \$80.

15E. Structural steel—Bid 1, \$109; 2, \$108; 3, add \$120, deduct \$100; 4, \$110; 5, add \$125, deduct \$100; 6, \$130.

15F. Brickwork—Bid 1, \$40; 2, \$120; 3, add \$55, common, deduct \$45; 4, \$45; 5, add \$50, deduct \$30; 6, \$60.

15G. Gravel road—Bid 1, \$125; 2, \$11; 3, add \$30, deduct \$120; 4, \$60; 5, add \$125, deduct \$50; 6, \$150.

15H. Concrete sidewalks—Bid 2, \$45; 3, \$60; 4, \$20; 5, add \$25, deduct \$50; 6, \$30.

Time—Bid 1, start 7 days, complete 400 days; 2, start 5 days, complete 545 days; 3, start 10 days, complete 400 days; 4, start 10 days, complete 400 days; 5, start 20 days, complete 550 days; 6, start 15 days, complete 540 days or 400 working days.

Plumbing, Heating and Ventilating
1. Carl T. Doell, 467 21st St., Oakland, Calif.

2. The Turner Co., 272 Natoma St., San Francisco, including plumbing, heating, and electrical work; rock excavation not included.

3. Austin Engineering Co., 121 W. 42nd St., New York City; rock excavation not included.

4. James Smyth Plumbing and Heating Co., Spokane, Wash.

5. Latourrette-Fical Co., Sacramento, Calif.

6. S. W. Rittenhouse, 1327 Taylor St. N. W., Washington.

7. The Turner Co., 272 Natoma St., San Francisco.

Item 1 29 buildings—Bid 1, \$488,870; 2, \$580,000; 3, \$523,000; 4, \$358,000; 5, \$327,200; 6, \$394,199; 7, \$350,000.

2. Deduction for omitting building No. 1—Bid 1, \$2,826; 2, \$35,000; 3, \$3,375; 4, \$2,808; 5, \$1,900; 6, \$1,768; 7, \$2,100.

3. Do building 6—Bid 1, \$9,475; 2, \$14,400; 3, \$7,860; 4, \$10,027; 5, \$8,400; 6, \$9,240; 7, \$9,600.

4. Do building 7—Bid 1, \$9,397; 2, \$15,000; 3, \$7,860; 4, \$10,027; 5, \$8,400; 6, \$9,240; 7, \$10,200.

5. Do building 8—Bid 1, \$10,598; 2, \$13,400; 3, \$5,600; 4, \$8,904; 5, \$6,700; 6, \$8,000; 7, \$9,600.

6. Do building 12—Bid 1, \$7,753; 2, \$8,400; 3, \$6,565; 4, \$6,165; 5, \$5,700; 6, \$5,663; 7, \$5,600.

7. Do building 14—Bid 1, \$17,449; 2, \$13,400; 3, \$8,800; 4, \$16,498; 5, \$10,800; 6, \$12,759; 7, \$14,800.

8. Do building 15—Bid 1, \$20,157; 2, \$34,000; 3, \$10,700; 4, \$31,763; 5, \$22,000; 6, \$20,444; 7, \$20,000.

9. Do building 16—Bid 1, \$3,827; 2, \$4,800; 3, \$1,600; 4, \$2,688; 5, \$2,900; 6, \$2,243; 7, \$2,600.

10. Do building 18—Bid 1, \$183; 2, \$1,160; 3, \$1,100; 4, \$395; 5, \$200; 6, \$471; 7, \$500.

11. Do building 19—Bid 1, \$2,237; 2, \$2,500; 3, \$2,500; 4, \$2,212; 5, \$2,100; 6, \$1,237; 7, \$2,000.

12. Do building 21—Bid 1, \$1,721; 2, \$2,400; 3, \$1,300; 4, \$1,131; 5, \$2,200; 6, \$1,075; 7, \$1,160.

13. Deduct if one or more of buildings 22 to 25 and buildings 27 to 30, inclusive, are omitted—Bid 1, \$2,297; 2, \$3,400 ea.; 3, \$1,900; 4, \$1,925; 5, \$1,300; 6, \$1,311; 7, \$1,300.

14. Deduct if one or both of buildings 31 and 32 are omitted—Bid 1, \$1,749; 2, \$3,000 ea.; 3, \$1,375; 4, \$1,240; 5, \$1,300; 6, \$1,136; 7, \$1,200.

Time—Bid 1, start 25 days, complete 195 days; 2, start 10 days, complete 420 days; 3, start 20 days, complete 30 days after completion of general contract; 4, start 30 days, complete 360 days; 5, start 10 days, complete 308 days; 6, start 10 days, complete 420 days.

Electric Work

Bid 1. Severin Electric Co., 55 5th St., San Francisco.

2. F. E. Newberry Electric Co., 359 Sutter St., San Francisco.

3. Central Electric Co., 185 Stevenson St., San Francisco.

4. G. E. Engineering Co., Inc., 449 W. 42d St., New York City.

5. Becker Electrical Construction Co., 149 N. Montgomery St., San Francisco.

6. Latourrette-Fical Co., Sacramento, Calif.

7. Butte Electric & Mfg. Co., 534 Folsom St., San Francisco.

8. Standard Electrical Construction Co., 80 Natoma St., San Francisco.

9. Becker Electrical Equipment Co., 530 Folsom St., San Francisco.

10. The Turner Co., 272 Natoma St., San Francisco.

11. Globe Electric Works, 1959 Mission St., San Francisco.

Item 1 29 buildings—Bid 1, \$188,000; 2, \$181,371; 3, \$256,440; 4, \$224,000; 5, \$197,085; 6, \$185,200; 7, \$186,000; 8, \$208,410; 9, \$196,415; 10, \$186,000; 11, \$199,599.

2. Deduction for omitting building No. 1—Bid 1, \$1,580; 2, \$1,670; 3, \$2,761; 4, \$1,995; 5, \$2,164; 6, \$1,870; 7, \$1,636; 8, \$1,285; 9, \$1,485; 10, \$1,500; 11, \$1,932.

3. Do building 6—Bid 1, \$5,742; 2, \$5,237; 3, \$7,494; 4, \$7,065; 5, \$6,005; 6, \$5,940; 7, \$6,191; 8, \$4,808; 9, \$5,627; 10, \$5,000; 11, \$6,043.

4. Do building 7—Bid 1, \$5,742; 2, \$5,237; 3, \$7,494; 4, \$7,065; 5, \$6,005; 6, \$5,940; 7, \$6,191; 8, \$4,778; 9, \$5,593; 10, \$5,000; 11, \$6,043.

5. Do building 8—Bid 1, \$5,276; 2, \$5,225; 3, \$6,400; 4, \$5,761; 5, \$5,458; 6, \$5,100; 7, \$4,960; 8, \$4,533; 9, \$5,295; 10, \$4,600; 11, \$5,982.

6. Do building 12—Bid 1, \$3,573; 2, \$3,243; 3, \$3,561; 4, \$3,818; 5, \$4,145; 6, \$4,180; 7, \$3,802; 8, \$3,980; 9, \$3,459; 10, \$3,000; 11, \$3,454.

7. Do building 14—Bid 1, \$4,061; 2, \$3,392; 3, \$4,848; 4, \$6,195; 5, \$1,208; 6, \$4,180; 7, \$4,064; 8, \$4,134; 9, \$3,828; 10, \$2,800; 11, \$5,100.

8. Do building 15—Bid 1, \$5,920; 2, \$6,032; 3, \$6,972; 4, \$8,209; 5, \$5,552; 6, \$5,610; 7, \$4,684; 8, \$5,806; 9, \$5,671; 10, \$4,800; 11, \$6,516.

9. Do building 16—Bid 1, \$3,080; 2, \$6,84; 3, \$3,000; 4, \$2,764; 5, \$2,309; 6, \$2,310; 7, \$2,373; 8, \$1,782; 9, \$2,013; 10, \$2,300; 11, \$1,773.

10. Do building 18—Bid 1, \$534; 2, \$554; 3, \$1,325; 4, \$925; 5, \$592; 6, \$660; 7, \$626; 8, \$380; 9, 428; 10, \$640; 11, \$451.

11. Do building 19—Bid 1, \$839; 2, \$530; 3, \$1,276; 4, \$1,109; 5, \$752; 6, \$770; 7, \$766; 8, \$652; 9, \$386; 10, \$580; 11, \$607.

12. Do building 21—Bid 1, \$1,406; 2, \$1,009; 3, \$1,847; 4, \$1,729; 5, \$1,432; 6, \$940; 7, \$1,344; 8, \$1,390; 9, \$1,286; 10, \$1,300; 11, \$1,698.

13. Deduct if one or more of buildings 22 to 25 and buildings 27 to 30, incl., are omitted—Bids 1, \$2,188; 2, \$1,951; 3, \$2,800; 4, \$2,116; 5, \$2,098; 6, \$1,760; 7, \$1,721; 8, \$1,700; 9, \$1,850; 10, \$2,200; 11, \$1,722.

14. Deduct if one or both of buildings 31 and 32 are omitted—Bid 1, \$1,869; 2, \$2,048; 3, \$3,266; 4, \$1,894; 5, \$2,127; 6, \$1,870; 7, \$2,074; 8, \$1,407; 9, \$1,429; 10, \$1,900.

Time start—Bid 1, 5 days; 2, 10 days; 3, 10 days; 4, 30 days; 5, 3 days; 6, 10 days; 7, 6 days; 8, 10 days; 9, 10 days; 10, 10 days; 11, 30 days.

Time complete—Bid 1, 400 days or will complete when general contract is completed; 2, 475 days; 3, as work progresses; 4, 20 days after completion of construction; 5, 365 days; 6, 300 days; 7, 300 days; 8, 540 days; 9, 350 days; 10, 420 days; 11, as soon as buildings will permit.

Refrigerating Machinery

1. Kearn, S. L., San Francisco, \$21,992; start 1 day.

2. American Carbonic Machinery Co., Wisconsin Rapids, Wis., \$22,575, drinking water piping and covering not included; start 60 days, complete 120 days.

3. Automatic Refrigerating Co., Inc., 536 Munsey Bldg., Washington, \$32,460, start 30 days, complete 90 days; alternate, \$20,985; mortuary plant only, \$2,070; start 30 days, complete 90 days.

York California Construction Co., 832 Folsom St., San Francisco, \$27,700; start 30 days, complete 120 days.

Cyclops Iron Works, San Francisco, alternate, \$18,516; start 30 days, complete 150 days.

Kitchen Equipment

The Turner Co., 272 Natoma St., San Francisco, \$45,800; start 180 days, complete 420 days.

Mangrum & Otter, Inc., 827 Mission St., San Francisco, \$39,048; start 20 days, complete 120 days.

Nathan-Dohrmann Co., Geary and Stockton Sts., San Francisco, \$40,720; start 10 days, complete 90 days.

Lavender, Ellerbrook, Inc., 29 S. Frederick St., Baltimore, \$36,800; start 15 days, complete 180 days.

Laundry Equipment

Speck Mfg. & Geary Co., 2130 Folsom St., San Francisco, \$50,000; start 10



Ye Building Gossip or Pratt's Concrete Mix

CLARENCE SAND PRATT.

ALIAS "SANDY" Pratt, President.

PRATT BUILDING Material Co.

DOUGLAS 300—"easy to remember."

EDITOR of this near-comedy.

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LARGEST EXCLUSIVE sand producer.

IN CALIFORNIA.

WISHES EVERYONE at your house.

A HAPPY AND Prosperous New Year.

BECAUSE EVERYONE at your house.

HAS BEEN good to everyone.

AT "SANDY" Pratt's house.

THE PRATT Building Material Co.

SAND BANK at Sacramento

AT MARYSVILLE and at Pratto.

AND "SANDY" says.

FOR ALL the orders.

FOR CLEAN, sharp sand.

GIVEN TO everybody at his house.

BY EVERYBODY at your house.

"I THANK you."

SAN FRANCISCO—Bids were received as follows on December 27, by Architect John Gaten Howard, First National Bank Bldg., S. F., for the construction of a three-story frame and stucco Women's Faculty Club Building on the grounds of the University of Berkeley. All bids are taken under advertisement:

I. M. Sommer, Balboa Bldg.	\$124,459
Hannan Bros., S. F.	29,000
W. Sorenson, Berkeley	137,073
Conner & Conner, Berkeley	138,200
Reilly & Nemetz, S. F.	138,960
Walter March, Oakland	145,150
M. E. Hopper & Son, Oakland	146,900
John Morton, S. F.	147,750
P. W. Maurice, Oakland	149,650
West Coast Constr. Co., S. F.	154,446
W. F. McGinity & Son, Oakland	161,907
Peters Constr. Co., S. F.	185,000

HOSPITALS

Plans Being Figured—Bids Close Jan. 16, 1923, 8 P. M.

HEALTH CENTER BLDG. Cost, \$30,000. **ALAMEDA**, Alameda Co., Cal., S. Santa Clara, between Oak and Walnut Sts. One-story reinforced concrete health center building.

Owner—City of Alameda.
Architect—Carl Werner, Santa Fe Bld., San Francisco.

See call for bids under official proposal section in this issue.

Contract Awarded.
HOSPITAL BLDGS. Cost, \$500,000. **BAKERSFIELD**, Kern Co., Cal. Four reinforced concrete and hollow tile hospital buildings with connecting tunnels (4100 ft. roofs).

Owner—Kern County.
Architect—Chas. H. Biggar, 405 Bank of Italy Bldg., Bakersfield.

General Contract—Wm. G. Reed, Long Beach.

Plumbing—Bakersfield Plumbing Co., Bakersfield.

Heating & Ventilating—Frank Davidson, Los Angeles.

SAN FRANCISCO—Until Jan. 8, 3 p. m., bids will be received by J. S. Dunnigan, clerk Board of Supervisors, for fur and del. 255 white enameled bedside tables. Proposal blanks obtainable from clerk, Room 235 City Hall.

REDWOOD CITY, San Mateo Co., Cal.—Until Jan. 15, 10 A. M., bids will be rec. by Eliza M. Nash, County Clerk, for furnishing and installing kitchen equipment, water supply, storage tank, drainage, etc., for county hospital. Will D. Toepke, Architect, Call Bldg., San Francisco. See call for bids under official proposal section in this issue. (41116). 1st report Nov. 8; 4th Dec. 11.

HOTELS

Owners Taking Figures.
ADDITION Cost, \$80,000. **SANTA ROSA**, Sonoma Co., Cal. Occidental Hotel.
One-story reinforced concrete addition to two-story hotel building.
Owner—Messrs. Rossi & Nelson, Occidental Hotel, Santa Rosa.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.

Ready for Figures December 27.
SHOP & ROOMING HOUSE Cost, \$25,000. **SAN JOSE**, Santa Clara Co., Cal., W. Santa Clara near River.
Reinforced concrete bldg. auto trimming shop and rooming house (30 rooms).

Owner—John Whitney.
Architect—Wolfe & Higgins, Auzeraris Bldg., San Jose.

Figures are being taken for a general contract.

Plans Being Prepared.
HOTEL Cost, \$500,000. **SANTA ROSA**, Sonoma Co., Cal. Six-story concrete hotel and apartment building.
Owner—Organization being formed and represented by Dunn-Hurst & Martin, Insurance Exchange Bldg., San Francisco.
Architect—Withheld for present.

Bids To Be Asked Shortly.
HOTEL BLDG. Cost, \$50,000. **ELI GLOVE**, Sacramento County, Cal. Three-story brick (cement plaster front) hotel, lodge halls and stores. Owner—Native Sons Hall Assn., Elk Grove, California.
Architect—Jens C. Petersen, Peoples Bank Bldg., Sacramento, Cal.

POWER PLANTS

FRESNO, Fresno Co., Cal.—Enlargement of the conduit carrying water from the Crane valley reservoir to the chain of power houses below, and an increase in the generating capacity of Power House No. 2 of the Crane valley system by the addition of a 6000 h. p. unit, will be undertaken immediately by the San Joaquin Light & Power Corp., 1301 Tulare St., Fresno. The work will cost approx. \$250,000. The addition includes a 6000 h. p. turbine and generator, three 1800-kilowatt transformers and switching equipment. The section of Conduit No. 3 to be enlarged begins at the outlet tunnel under the Crane valley dam, extending four miles to the forbay reservoir at Plant No. 3. It contains about one mile of small tunnels, the balance of the conduit being cement liner earth ditch and steel flume supported on trestles. Approx. 12,000 ft. of earth ditch will be enlarged and relined with concrete, 3857 ft. of trestle supporting the flume will be replaced, and sections of the old tunnels will be relined with concrete. Present capacity of the ditch, 105 cu. ft. per second, will be increased to 170 cu. ft.

SAN FRANCISCO—Until Jan. 10, bids will be received by Bd. of Pub. Wks. for fur. and del. electric transmission line conductors for 2 three-phase 154,000 volt circuits each approx. 1.6 miles in length and for material sufficient to extend one circuit an additional 41 miles. Material to be delivered f. o. b. cars San Francisco bet. August 1, 1923 and Jan. 2, 1923. Approx. cost \$50,000. Above material to be used in connection with Hetch Hetchy project. Spec. may be had from Engineer's office, 3rd floor, city hall.

PUBLIC BUILDINGS

Plans Completed.
R. L. DEPOTS Cost, \$247,000. **LENO**, Nevada.
One-story frame and stucco passenger depot 400 ft. long and 1-story concrete and steel freight depot 800 ft. long.
Owner—Southern Pacific R. R. Co., 65 Market St.
Architect—Eng. Dept. of owner.
The general officials of the company have already given their approval to the improvements but that their execution had been delayed by the unmerger litigation now pending.

Bids To Be Advertised For Next Week.
AUDITORIUM Cost, \$600,000. **STOCKTON**, San Joaquin Co., Cal., Center. Commercial, Fremont and Oak Streets.

Class A reinforced concrete memorial auditorium with steel dome & roof trusses, white cement and pre-cast stone concrete architectural finish.

Owner—City of Stockton.
Architect—City Architectural Commission (Louis S. Stone, Glenn Allen and W. J. Wright), Belding Bldg., Stockton.

Bids will be taken for the following segregations: (1) General Contract, (2) plumbing, (3) electrical work, (4) heating and ventilating.

LOS GATOS, Santa Clara Co., Cal.—City council will petition Southern Pacific Co. to erect new freight and passenger depot. Assurance is given railroad that local people will subscribe to a fund to assist in financing construction.

PORTLAND, Ore.—Architect E. E. McClaran, 525 Exchange Bldg., will ask bids shortly to erect 2-story concrete 100x12 ft. auditorium at Cannon Beach, for J. W. Mahon; est. cost \$20,000. Tank will be 35x50 ft., 3 to 9 ft. depth.

SAN FRANCISCO—Board of Public Works will shortly call for bids to construct walling and shelter station at the East Portal of the Twin Peaks tunnel.

RESIDENCES

Plans Being Prepared.
RESIDENCE Cost, \$11,000. **OAKLAND**, Cal.
Two-story frame and stucco residence. Owner—Mrs. M. Sheehan.
Architect—W. E. Schirmer, Thayer Building, Oakland.

Plans Being Figured.
RESIDENCE Cost, \$22,000. **PIEDMONT**, Alameda Co., Cal. Wildwood Gardens.
Two-story and basement frame and brick veneer residence.
Owner—Mrs. W. C. Silverman.
Architect—W. E. Schirmer, Thayer Bldg., Oakland.

Contract Awarded.
DWELLING Cost, \$10,000. **SAN FRANCISCO**. NE Pacheco and Dewey Blvd.
One-story and basement frame dwg. Owner—E. H. Payne.
Designer & Contractor—W. R. Lindeman, 530 Balboa St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$18,830. **SAN FRANCISCO**. SW Jackson and Laurel Streets.
Two-story and basement frame and stucco residence, 8 room, 2 baths and separate garage (all work except painting, electrical work and heating).
Owner—Al. Sala.
Architect—Wm. F. Gunnison, 1666 Golden Gate Ave., San Francisco.
Contractor—Conlin & Klein, 1736 Filbert St., San Francisco.

Contract Awarded.
RESIDENCE Cost, \$18,200. **SAN FRANCISCO**. Jackson Street near Laurel Street.
Two-story and basement brick veneer and stucco residence (8 rooms and basement garage. All work except painting, electrical work and heating).
Owner—A. Marx.
Architect—Wm. F. Gunnison, 1666 Golden Gate Ave., San Francisco.
Contractor—Joel Johnson, 1614 Church St., San Francisco.

THEATRES

Segregated Figures Being Taken.
THEATRE Cost, \$100,000. **SAN FRANCISCO**. NW Geary and 18th Avenue.
Class A theatre and store bldg. (2000 seats).
Owner—Alex E. and Joseph L. Levin.
Architect—Reid Bros., 105 Montgomery Street, S. F.

Commissioned to Prepare Plans.
THEATRE Cost, \$500,000. **SANTA BARBARA**, Santa Barbara Co., Cal.
Eight-story Class A reinforced concrete theatre and office building, 80x125 ft. concrete brick and terra cotta facing).
Owner—Edw. A. Johnson.
Architect—A. B. Rosenthal Jr., Orpheum Bldg., Los Angeles.

To Complete Building.
THEATRE Cost, \$100,000. **MARTINEZ**, Contra Costa Co., Cal. Ferry and Ward Sts.
Complete unfinished reinforced concrete theatre.
Owner—Estate of J. J. McNamara.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
NOTE—The concrete work was recently completed by Geo. Bitcomb of Martinez.

TILLAMOOK, Ore.—Architect E. E. McClaran, 525 Exchange Bldg., Portland, will ask bids shortly to erect a two-story reinforced concrete store, office and theatre building for A. G. Beals; est. cost, \$40,000. Theatre will have seating capacity of 800.

SCHOOLS

Bonds Voted—Bids to be called For in About a Month.

SCHOOL. Cost, \$235,000
RIOCKITT, Contra Costa Co., Cal.
 Two-story brick and concrete elementary school (24 classrooms, auditorium, kindergarten, domestic science and manual training department, etc.).

Owner—Carquinez School District
 Engineer—A. A. Brown, 56 Matson Navigation Co., 120 Market St., San Francisco.

Bonds were voted on December 19th for the sum of \$240,000.

Working Drawings Being Prepared
SCHOOL. Cost, \$250,000
LOS ANGELES COUNTY, Excelsior School District.

One and two-story school building.
 Owner—Excelsior Union High School District.
 Architect—Theo. C. Kistner, 307 Bancroft Bldg., San Diego.

Plans Being Prepared.
SCHOOL. Cost, \$60,000
SAN DIEGO, San Diego Co., Cal.
 One-story elementary school.
 Owner—San Diego School District.
 Architect—Theo. C. Kistner, Bancroft Bldg., San Diego.

Figures To Be Taken About Jan. 15.
SCHOOL. Cost, \$55,000
NEWPORT BEACH, Orange Co., Cal.
 One-story elementary school bldg.
 Owner—Newport Beach School Dist.
 Architect—Theo. C. Kistner, Bancroft Bldg., San Diego.

Figures To Be Taken Shortly.
SCHOOL. Cost, \$116,000
LOS ANGELES, Los Angeles Co., Cal.
 E Second St.
 Sixteen-room brick and reinforced concrete school.
 Owner—City of Los Angeles.
 Architect—Chas. M. Hutchinson, Security Bldg., Los Angeles.

REDLANDS, San Bernardino Co., Cal.
 —Arch't, Norman F. Marsh, 211 Broadway Central Bldg., reports that the University of Redlands has decided to proceed by day labor with the erection of new bldgs. for University at Redlands. Plumbing, painting and wiring will be let by subcontract and materials will be purchased through George P. Corner, business manager of the university. The men's dormitory will be 2 stories and basement, 45x138 ft., and will contain accommodations for 50 students. Reinf. conc. class A constr. plaster exterior, clay tile roofing, pine trim, tiled baths and showers, steam heating. The school and Fine Arts group will be 2 stories, 36x56 ft., and will contain studios and practice rooms; class A constr. reinf. conc., plas. exter., clay tile roofing, pine trim, plenum heating and ventilating system. Cot, \$100,000.

CLARKSBURG, Yolo Co., Cal.—Until Jan. 12, 2 p. m., bids will be received by Mrs. Mabel Heringer, clerk, Clarksburg Union Grammar School District to erect school building. Separate bids for heating and ventilating. Estimate, \$100,000. Plans by E. J. Weeks, architect, 369 Pine St., San Francisco. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—Until 9 a. m., Jan. 10, bids will be received by the Los Angeles board of education for erecting new Belmont junior high school bldg. at First St. and Loma Dr., L. A. Separate bids will be taken on general contract, plumbing, heating and wiring. Plans and spec. may be obtained at secretary's office, 730 Security Bldg., L. A. The main bldg. will be 3 stories, 50x56 ft., and will contain 105 rooms; the gymnasium will be 2 stories, 39x176 ft., brick constr., tile and comp. roofing, reinf. conc. corridors and stairways, maple floors, marble and tile work. \$600,000. Plans were prepared by architectural dept. of the board of education.

SAN FRANCISCO.—J. W. Burtchall 357 Ellis St., at \$19,000 awarded contract by Board of Public Works to furnish and install electric fixtures in the North Beach High school.

HOLLISTER, San Benito Co., Cal.—Until Jan. 10, 8 p. m., bids will be received by W. A. Sanders, clerk, Pacheco School District to construct frame and plaster school building. Separate bids for steam heating with alternate propositions. Wyckoff & White, Architects, Growers Bank Bldg., San Jose. See call for bids under official proposal section in this issue.

SAN FRANCISCO.—Douglas Lynch Inc., 11935 awarded contract by Bd. of Public Works for turnbuckle and laying linoleum in the North Beach High School.

SAN FRANCISCO.—Until Jan. 2, 3 p. m., bids will be received by J. S. Dunnigan, clerk Board of Supervisors, for fur and lead plumbing supplies from date to June 30, 1923. Proposal bids obtainable from clerk, Room 235 City Hall.

Archts. John Parkinson and Donald B. Parkinson, 420 Title Ins. Bldg., L. A. are preparing working drawings for the new Beverly high school to be erected at Melrose and Fairfax Aves. It will contain 60 rooms, and an auditorium to seat 1800; dimensions, 450x320 ft.; brick and reinf. conc. constr., selected common brick facing, cast stone trim, clay tile roofing, pine trim, marble and tile work, reinf. conc. fls., and stairways; \$600,000.

YUBA CITY, Sutter Co., Cal.—Special election will be held in Yuba City Union High School District Jan. 15 to select site for new high school for which bonds of \$250,000 have been voted. Geo. C. Selion & Co., Mitau Bldg., Sacramento, are the architects.

STORES AND OFFICES

Figures To Be Taken Shortly.
STORE BLDG. Cost, \$23,000
BERKELEY, San Pablo Ave.
 One-story reinf. concrete store bldg.
 Owner—Henry Borg.
 Architect—W. G. Schirmer, Thayer Bldg., Oakland.

Figures To Be Taken In A Few Days.
FURNITURE STORE. Cost, \$12,000
SAN JOSE, Santa Clara Co., Cal., 2nd St. bet. San Fernando and San Antonio.
 One-story concrete furniture store 46 by 125.

Owner—Mr. Atlas.
 Architect—Wells & Higgins, Auzeiras Bldg., San Jose.

Completing Plans.
ADDITION. Cost, \$—
LOS ANGELES, Los Angeles Co., Cal.
 Pine near Broadway.
 Six-story and basement brick addition to store, 75x150.

Owner—Buffums Department Store.
 Architect—W. Horace Austin, First Nat'l Bank Bldg., Los Angeles.
 The steel contract has been awarded to the Union Iron Works.

Completing Plans.
OFFICE BLDG. Cost, \$65,000
OAKLAND, Alameda Co., Cal., NE 17th and Franklin Sts.
 Two-story class A office and store bldg. Owner—Harold L. Holmes, 55 3rd St., San Francisco.

Architect—W. W. Dixon, 1544 5th Ave.

Contract Awarded.
OFFICE BLDG. Cost, \$29,000
SAN FRANCISCO, E Columbus Ave 33 N Vallejo.
 Two-story and basement frame stores and offices.

Owner—Capurro Estate, 462 Columbus Ave., San Francisco.
 Architect—Louis Mastrospasqua, 58 Washington St., San Francisco.
 Contractor—Farnochia & Co., 1814 Powell St., San Francisco.

Contract Awarded.
OFFICE BLDG. Cost, \$97,000
SAN PEDRO, Los Angeles Co., Cal.
 W 5th and Mesa Sts.
 Two-story brick store and office building, 100x125.

Owner—Ethel K. Patterson, 4825 Van Ness Ave., Los Angeles.
 Architect & Contractor—Milwaukee Bldg. Co., Wright & Callender Bldg., Los Angeles.

Plans Being Prepared.
STORE & OFFICE BLDG. Cost, —
BERKELEY, Alameda Co., Cal., Durant St. and Shattuck.
 Reinforced concrete store and office building 50x80, number of stories not decided.

Owner—Lester W. Hink.
 Architect—W. L. Ratcliff Jr., First National Bank Bldg., Berkeley.
 A contract was recently awarded to Conner & Conner for the foundations by Architect Miss Julia Morgan, who had prepared plans for a one-story store building before the property was sold to Mr. Hink.

Contracts to Be Signed Shortly.
EXCHANGE BLDG. Cost, \$100,000
SAN FRANCISCO, N Bush St. between Kearny and Montgomery Sts.
 Two-story reinforced concrete Class C bldg. Exchange building.

Owner—San Francisco Stock Exchange.
 Architect—J. R. Miller and T. L. Plueger, Lack Bldg., San Francisco.
 General Contractor—Mason Bros., 251 Kearny St., \$76,242

Heating to Scott Co., 213 Minna St., San Francisco, \$76,242.
 Painting to D. Zelinsky & Son, 422 Turin St., \$2406.
 San Coffa to N. Clark & Son, 116 Natoma St., \$15,880.

Electrical Work to F. E. Newbery Co., Lack Bldg., \$2,160.

Bids To Be Called End of This Week

For Concrete Work.
OFFICE BLDG. Cost, \$165,000
OAKLAND, Alameda Co., Cal., N 17th between Broadway and Franklin.
 Seven-story and basement reinforced concrete store and office building (terra cotta or press brick facing).
 Owner—Ambassador Realty Co., a corporation in which Geo. E. of the Fulton Playhouse, J. R. Ryan and Granville Abbott et al are interested.
 Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Contracts Awarded.
REMODELING. Cost, \$35,000
SAN FRANCISCO, SE Pine & Montgomery Sts.
 Plaster exterior and remodel 1st floor for 2 stores.
 Owner—Equitable Realty Co., 304 Bush Street, S. F.
 Architect—A. H. Knoll, Hearst Bldg.
 Glass awarded to W. P. Fuller Co.
 Plastering to Leonard Bosch.

Plans Being Figured—Bids Close Jan. 15, 1923.
ADDITION. Cost, \$150,000
VANCOUVER, E. C. Hastings St.
 Six-story reinforced concrete addition to department store, 86x56 ft.
 Owner—Woodward's Ltd.
 Architect—W. T. Whiteaway, 1106 Dominion Bldg., Vancouver, B. C.
 Structural Engineer—Philip P. Brown, London Bldg., Vancouver, B. C.

Contract Awarded.
STORE BLDG. Cost, \$20,000
OAKLAND, Alameda Co., Cal. SW 17th and Broadway.
 Two-story brick and concrete store building.
 Owner—B. & H. Berceovich.
 Architect—E. J. Weeks, 369 Pine St., San Francisco.
 Contractor—F. A. Muller, Syndicate Bldg., Oakland.

Permit Applied For—Sub-Figures To Be Taken In About Ten Days.
OFFICE BLDG. Cost, \$250,000
SAN FRANCISCO, N Market Street E 120 Market Street.
 Six-story and basement class B office building.
 Owner—Eugene N. Fritz Jr., President of the Apartment House Owners & Managers Assoc.
 Architects—Powers & Abnden 460 Montgomery Street, S. F.
 Contractor—Cahill Bros., 110 Sutter St. San Francisco.

SAN FRANCISCO.—Bids are now being taken by Engineer A. A. Brown, 120 Market Street, for tile, marble and terrazzo work for the 15-story Class A office building now being erected on the southeast corner of Main and Market streets for the Matson Navigation Co. Bliss & Faville, Balboa Bldg., are the architects. Bids will be opened in January.

FULLERTON, Orange Co., Cal.—John Simpson, 791 Antonio Ave., Los Angeles, submitted low bid to C. C. Chapman Fullerton, at \$172,000 for constructing 3-story class A reinf. conc. store and office bldg. to be erected by him in Fullerton. Plumbing and heating bids were taken separately. Other general bids were: South & France, \$179,950; Wilson & Beaver, \$182,000; J. F. Kohler \$184,228; Ross & Ritchey, \$188,500; Frank Hudson, \$193,119. Plans were prepared by Eugene Durfee, Casson Bldg., Anaheim. At the owner's office it was stated that it is unlikely that the award will be made at this time.

NAPA, Napa Co., Cal.—Theodore Bernhard has purchased property adjoining postoffice and will erect early in 1923 a modern store building.

LOS ANGELES, Cal.—Archts. John Parkinson and Donald E. Parkinson, 420 Title Insurance Bldg., L. A., are commencing the preparation of plans for the addition to be erected on 4th St. for the Broadway Department Store. It will be 80x125 ft., 11 stories, mezzanine story basement and sub-basement steel frames and brick constr., reinf. conc. floors, press brick and terra cotta facing, plate glass, 8 passenger elevators, truck elevators, etc. It is also planned to add one or more stories to the present bldg., and to install escalators.

JOINT COUNTY BRIDGE BILL WILL BE SUBMITTED TO STATE LEGISLATURE

A bill designed to make it possible for counties to combine into a district for the construction of highways and bridges has been prepared by Assemblyman Frank L. Coombs, of Napa. The measure is intended primarily for bridge construction, highways being included only with reference to approaches to bridges.

Under the bill any number of contiguous counties may combine and pass a resolution creating a bridge district. The resolution shall be certified to the governor, who will issue a commission showing the information of the district and giving it a number, and shall appoint a commission of three from the district to carry out its plans. The commission shall report on the project, and if the cost does not exceed a certain sum, yet to be fixed, the work may be accomplished by direct tax, or if over this amount may be raised by bonds.

No indebtedness can be incurred by the commissioners except on authority of the boards of supervisors of each county and no bond issue can be had except that such bond issue be separately authorized by each county by an election.

If the work is finally authorized the commission may then proceed with the construction, and when finished may place a toll upon the use of such bridge or highway. All expenses will be borne by the counties in proportion to the assessed valuation of property until revenues from tolls shall be sufficient therefor.

Moneys received from tolls shall be distributed in the following order: Repair and maintenance, interest on bonds, sinking fund, repayment of counties' moneys expended by each, surplus to be apportioned to the several counties upon the assessed valuation of property to be applied to the general road fund or any other county purpose.

According to the framers of the bill it is intended to permit public construction of such projects as the Carquinez Straits bridge, the San Francisco-Alameda County bridge, the San Francisco-Marin County bridge.

"Contra Costa County and Solano County," Coombs says, "and I believe that many of the northern counties, including Sacramento, would willingly unite with them, could construct a bridge across Carquinez Straits. I have been assured that there is big money in it, at least that is why private concerns are prompted to start the enterprise."

UNION TERMINAL FOR LOS ANGELES GIVEN SETBACK

The Union Terminal project of Los Angeles received a setback when the State Supreme Court annulled an order of the Railroad Commission which had directed the Southern Pacific, the Santa Fe and the Los Angeles and Salt Lake Railroad companies to build such terminal for their joint purposes.

Basing its reversal of the Railroad Commission's decision on the Esch-Cummings act, the court held that the commission had no jurisdiction in the matter.

Upholding the contention of the rail roads to the effect that the power to order railroads to construct union terminals belonged to the Interstate Commerce Commission, the court declared:

"We arrive at the conclusion that full power and authority over the matter of union terminal depot facilities of the railroads, which are largely engaged in interstate commerce, have been vested in the Interstate Commerce Commission and therefore the Railroad Commission of California has been divested of this power, authority and jurisdiction."

In this opinion Chief Justice Lucien Shaw concurred and added that not even the Interstate Commerce Commission had the right to order the railroads to build a union terminal without their consent.

Under the original mandate the Railroad commission ordered the railroads not merely to build a terminal, but also to eliminate certain grade crossings and practically reorganize their track systems.

The movement for a union terminal was started in Los Angeles through initiative of the Civic Center Association of that city. At the same time the Southern Pacific Company and the Los Angeles and Salt Lake railroad declared themselves willing to establish a joint terminal, but objected to sharing the same with the Santa Fe.

SOUTHERN STATES ACTIVE ROAD BUILDERS BOND REPORTS SHOW

The Southern states have embarked upon a road-building program, involving the construction of several thousand miles of new, hard-surfaced roads. Florida, Texas, North Carolina, Tennessee and Missouri, especially, are building great stretches of roads.

The extent to which southern states are appropriating money for highway construction is reflected in statistics which show that during the first eight months of the present year 343 bond issues, amounting to \$86,438,650 have been sold in the sixteen southern states and the funds made available for road construction.

Bonds sold in each state were as follows: Alabama, \$4,830,000; Arkansas \$2,619,000; Florida, \$6,036,000; Georgia, \$2,360,000; Kentucky, \$1,193,000; Louisiana, \$3,786,000; Maryland, \$2,319,000; Mississippi, \$1,821,000; Missouri, \$1,446,000; North Carolina, \$25,202,500; Oklahoma, \$1,073,000; South Carolina, \$3,262,000; Tennessee, \$2,034,000; Texas \$25,436,750; Virginia, \$1,390,000, and West Virginia, \$381,000.

LODI MUNICIPAL PLANT PAYS

The annual report of the city of Lodi, for the fiscal year ending June 30, 1922, shows that the electric and water systems, which are municipally owned, brought in a net revenue of \$47,565. The electric system earned \$29,809 and the water system \$17,656. The municipal baths showed a loss in operation. The revenue amounted to \$1,907, but the expenditures reached \$3,527. An outlay of \$4,848 was made for improvements.

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Official Proposals

NOTICE TO CONTRACTORS AND BIDDERS

(Pacheco School District)

Notice is hereby given that sealed proposals are invited and will be opened by the Board of Trustees of the Pacheco School District of San Benito County, California, at 8 o'clock on the 10th day of January, 1923, in Pacheco Hall, situated in said school district in said county of San Benito, California, for the erection and completion of a school building for the above named district, in accordance with the plans and specifications made for the same by Wyckoff & White, the authorized architects, employed by the board. Proposals will be received on a general contract, including everything shown and specified with the exception of steam heating with alternate propositions. Bids will also be received on steam heating with alternate propositions.

Plans and specifications can be seen at the office of the architects, Wyckoff & White, Growers Bank Bldg., San Jose, California.

A deposit of \$20 is required on all plans loaned out as a guarantee of good faith.

All proposals to be made out on blank forms, furnished by the architects, and must be accompanied by a check for not less than 5 per cent of the amount of the bid, made payable to W. A. Sanders, Clerk of the Board, and certified to by some responsible banking house. This check is to be forfeited in the event that the successful bidder after having been awarded the contract, fails within ten (10) days to sign the contract and furnish the same with the best satisfactory to the Trustees, and as required by law.

Bids will be received up to and including January 10, 1923, at 8 P. M., and must be addressed to W. A. Sanders, R. D. A. Box 150, Gilroy, Calif., Clerk of the Board of Trustees of Pacheco School District.

The Board reserves the right to reject any or all bids.

By order of the Board of Trustees dated December 20th, 1922.

W. A. SANDERS,

CARRIE PECK,

EDITH FRAZELL.

NOTICE OF RECEIVING BIDS FOR PURCHASE OF ROAD GRADER

WILLOWS, Calif., Dec. 19, 1922.
NOTICE IS HEREBY GIVEN that sealed bids will be received by the board of supervisors of Glenn County, California, at the office of the county clerk, until ten o'clock a. m., Tuesday, January 9th, 1923, for sale to said District No. 3, of one "Galion Premier Grader" with ten-inch blade and dust proof wheel box; machine to weigh not less than 5000 lbs.—rose neck to be fitted with a recoil spring—machine to be fitted with steerable engine hitch. The Board reserves the right to reject any or all bids.

WITNESS my hand and the seal of the Board of Supervisors of Glenn County, California, affixed this 19th day of December, 1922.

(Seal) W. H. SALE, Clerk.

NOTICE TO CONTRACTORS

(Sewage Pumps)

Pursuant to a resolution of the Board of Trustees of the City of Hanford, County of Kings, State of California, duly passed and adopted by said Board on the 18th day of December, 1922, notice is hereby given that the said Board will receive up to eight o'clock p. m., January 8th, 1923, sealed proposals for the purchase of two No. 7 Single Stage Raw Sewage Pumps,

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rates: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

each mounted on extended cast-iron base and fitted with flexible couplings for motor connection, each pump being directly connected to a ten H. P. 724 R. P. M. three phase, 220 volt motor accompanied with hand-compensator.

All bids must be in writing, signed by the proposer and accompanied by complete set of specifications, with each bid covering said motors and pumps and a guaranty of immediate delivery. Bids must be made upon acceptance of bid, c. o. b. Hanford, Kings County, California.

The Board of Trustees reserves the right to reject any or all bids.

Dated this 20th day of December, 1922.

D. C. WILLIAMS,
City Clerk

NOTICE TO CONTRACTORS

(Clarksburg Union Grammar School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Clarksburg Union Grammar School District, Yolo County, State of California, in the present Grammar School Building in Clarksburg, at two P. M., of January 12, 1923, for the erection and completion of a Grammar School Building to be erected in the town of Clarksburg, State of California, according to plans and specifications prepared for the same by W. H. Weeks, Architect.

Bids will be received on the General Construction with its Alternate proposals, together with separate bids on the Heating and Ventilating.

Plans and specifications may be seen at the office of W. H. Weeks, Architect, 369 Pine Street, San Francisco, California, or at the residence of G. O. Fraser, President of the Board of Trustees at Clarksburg.

All bids should be presented on bid forms furnished by the Architect.

Each bid must be accompanied by a certified check on some responsible bank in the sum of not less than five per cent (5%) of the amount bid, made payable to Mrs. Mable Heringer, Clerk of the Board of Trustees of the Clarksburg Union Grammar School District, for the purposes stated in the specification.

Each bid must be enclosed in a sealed envelope and addressed to Mrs. Mable Heringer, Clerk of the Board of Trustees and endorsed: "Proposal for Grammar School Building."

The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Clerk of the Board of Trustees in the City of Clarksburg, at the time and place of meeting above stated, or any time up to the hour of opening of bids.

MRS. MABLE HERINGER,
Clerk of the Board of Trustees of the Clarksburg Union Grammar School District, Clarksburg, California.

NOTICE TO BIDDERS

(Alameda Health Center)

NOTICE IS HEREBY GIVEN that the Council of the City of Alameda will receive sealed proposals or bids on Tuesday, January 16, 1923, up to the hour of 8 o'clock P. M., for the construction of the Alameda city health center building to be located on the south side of Vista Clara avenue between Oak and Walnut streets in said city. The bids are to be filed with the city clerk and will be publicly opened and declared on said day and hour in the council chamber of the city hall of said city. Plans and specifications for the proposed building may be obtained in the office of Mr. Carl Werner, Architect, Santa Fe Bldg., San Francisco, and the bids are to be submitted on forms furnished by said architect.

All bids must be accompanied by a certified check or bond in an amount not less than 10% of the aggregate of the bid, conditional that the bidder will enter into a contract with said city in case the same should be awarded to him.

The council reserves the right to reject any and all bids.

By order of the City Council,

W. E. VAICOE,

City Clerk.

Dated, December 19, 1922.

NOTICE TO CONTRACTORS

(Hanford Union High School District)

Pursuant to an order of the Board of Trustees of the Hanford Union High School District, duly passed and entered on its minutes of December 11, 1922, notice is hereby given that said board will receive and open proposals for the following branches of work:

1.—General bid for furnishing material, digging and filling trenches and installation of underground sprinkling system.

2.—Separate bid for material, only, delivered at high school.

3.—Separate bid for digging and filling trenches.

Plans and specifications are on file with the clerk of said Board. Copies may be obtained at the office of Horton and Co., Inc., 43 New Call Bldg., San Francisco, California.

All bids must be in the hands of G. W. Armstead, clerk of the Board of Trustees, at the High School Building, Hanford, California, on or before 7:30 p. m., January 8th, 1923.

Bidders may figure any one or more of the segregations, separately, or all of them together.

A certified check or bidders bond equal to ten per cent of the amount of the bid submitted must accompany each proposal.

The Board reserves the right to reject any or all bids submitted. Of the bidder and branch of work must be marked on the outside of the envelope.

BOARD OF TRUSTEES,
Hanford Union High School,
G. W. Armstead, Clerk
(Continued on page 30)

QUANTITY SURVEYOR

and Valuation Engineer
Buildings and Engineering Works

ARTHUR PRIDDLE

693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

BAY TERRACE, Solano Co., Cal.—Supervisors will hear petition of Bay Terrace to form public highway lighting district at meeting Jan. 2. G. G. Halliday, county clerk.

GLENDORA, Cal.—So. Cal. Edison Co. has appropriated \$20,000 to rebuild local electric light and power system in Glendora. For the initial part of the program there will be required 60,000 ft. $\frac{3}{8}$ -in., 40,000 ft. $\frac{1}{2}$ -in. and 10,000 ft. $\frac{3}{8}$ -in. wire, 250 poles. Fred Schwartz dist. mg.

SACRAMENTO, Cal.—City Council H. G. Denton, clerk, declares intention to install c. i. octagonal electroliers with Lamp with conduits, etc., in High Dist. No. 11, includ. property fronting on 1 St., bet. 5th and 7th and east side of 5th St., from 1 to alley bet. 1 and J Sts. 1911 Act. Protests Jan. 4 Albert Givan, City Eng.

VENICE, Cal.—See under Sewers and Streets column.

SAN RAFAEL, Marin Co., Cal.—Civic organizations propose installation of one light standard electroliers in residential districts. Pacific Gas & Electric Co. will submit estimates of cost.

MACHINERY

HANFORD, Kings Co., Cal.—Until Jan. 8, 8 p. m. bids will be received by D. C. Williams, city clerk, for fur. 2 No. 7 Single Stage Raw Sewage Pumps, each mounted on extended cast base and fitted with flexible couplings for motor connection; each pump being directly connected to a 10 h.p. 720 r.p.m. 3 phase, 220 volt motor accompanied with hand capacitor. See call for bids under official proposal section in this issue.

EL MONTE, Cal.—Until 8 p. m., Jan. 4, bids will be received by city trustees for one centrifugal booster pump to furnish 500 G. P. M. with total lift of 160 ft. with one 50 h. p. horizontal connected 40 degree motor. Plans, spec. and blanks may be obtained at office of City Engr. O. A. Gierlich, 209 Natl. Bank Bldg., Monrovia, or at office of City Clerk E. B. Moore, El Monte.

MONTEREY, P. S., Cal.—U. S. Cast Iron Pipe Co. was awarded contract for furnishing 780 ft. 10-in. cast iron pipe, bidding \$1,594.42 or \$50 ton for class B pipe and \$15.50 ft. for centrifugal pipe, at dock L. A. Harbor. American Cast Iron Pipe Co. bid \$51 at dock, \$54.30 f. o. b. Wild-mar and \$55.45 at the trench.

GLENDALE, Cal.—American Cast Iron Pipe Co. submitted low bid to council at \$213.13 per ton for 3500 ft. 12-in. class B cast iron pipe, 450 ft. 16-in. pipe, and 5 tons class D fittings. Other bids were: U. S. Cast Iron Pipe & Foundry Co., \$23 ton; Pacific Pipe and Supply Co., bidding for National Foundry Co., \$54.30 ton. Bids taken under advisement.

LOS ANGELES, Cal.—Pacific Structural Iron Works, was awarded contract by public service commission at \$425 to const. 84-ft. steel tower f. o. b. San Francisco; delivery 5 days.

LOS ANGELES, Cal.—Chicago Pneumatic Tool Co. awarded contract by public service comm. at \$1222 for fur. one air compressor f. o. b. Los Angeles, delivery in 10 days.

LOS ANGELES, Cal.—Lincoln Electric Co. awarded contract by public service comm. at \$1889 for one gas engine driven outfit, f. o. b. warehouse.

WILLOWS, Glenn Co., Cal.—Until Jan. 9, 10 a. m. bids will be received by W. H. Soble, county clerk, for fur. one "Galion Premier Grader with 10-in. blade and dust-proof wheel box; to weigh not less than 5,000 lbs.; goose neck, fitted with recoil spring and steerable engine hitch. See call for bids under official proposal section in this issue.

LOS ANGELES, Cal.—W. A. Bremer, 3612 S. Alameda St., awarded contract by public service commission at \$2275 (lump sum), f. o. b. L. A. for const. machinery as follows: One non-tilting drum type 15 cu. ft. batch conc. mixer, motor driven with 26-gal. water measuring tank; one steel hoist lower bucket, 14 cu. ft. capacity with mechanical dumping guide; one steel straight back tower receiving hopper, 23 ft. capacity; two top sheaves 18 in. diameter; three swivel sheaves and four front hip gates, 12x4 in. for wooden bins.

LOS ANGELES, Cal.—Byron Jackson Iron Works, 305 E. 3rd St., submitted only bid to board of public works at \$6032 for pumping machinery and equipment in the Harros Pumping Plant, Wilmington. The bid specified an addition of \$373.65 for Simplex Venturi Meter.

SEATTLE, Wash.—Until Jan. 5, 10 a. m. bids will be received by Wm. D. Freeman, city purchasing agent, for fur. one 12-ton steam road roller. Cert. check, money or bond of 5% of total bid required. Spec. obtainable from above named.

SEATTLE, Wash.—Until Jan. 12, 10 a. m. bids will be received by C. E. Dayley, secretary Board of Public Works, for fur. f. o. b. cars or steamship, Smith Cove Terminal, Seattle, suspension insulators for George J. Plant, Seattle Transmission Line & Skagit River Development project. Cert. check 5% payable to City Comptroller required. Spec. obtainable from secretary Board of Pub. Works.

SANTA ROSA, Sonoma Co., Cal.—County Purchasing Agent authorized by supervisors to purchase an Austin No. 5 Gyratory rock crusher fitted with a Manganese head and concaves and a 32-foot standard transfer elevator at a cost of \$20,000 f. o. b. factory to be paid for from the general fund.

SANTA ROSA, Sonoma Co., Cal.—County Purchasing Agent authorized by supervisors to purchase a 2½-ton White chassis truck with cab, windshield and magnets.

RAILROADS

DALLAS, Ore.—Dallas Machine and Locomotive Works awarded contract by S. P. and S. Railway Co. to rebuild ten large "Atlantic" type locomotives, weighing approx. 100 tons each.

SAN FRANCISCO—Southern Pacific Co. applies to State Railroad Commission for permission to construct at grade of industrial tracks in First, Bryant and Beale Sts. crossing First, Brannan, Bryant, Fremont, Beale, Harrison, Folsom and Howard Sts., and crossing tracks of Market St. Rwy. Co. in First, Folsom and Howard Sts., San Francisco.

LOMPOC, Santa Barbara Co., Cal.—H. A. Betaque, chief engineer for the Pacific Southwest Railroad Company, Lompoc, is preparing plans for 4½ mi. of standard gauge railroad from Lompoc to White Hills and bids will be asked in the immediate future. Further information may be had from the engineer at Lompoc.

FIRE EQUIPMENT

YREKA, Siskiyou Co., Cal.—E. H. Stimmler at \$57 ft. f. o. b. Yreka, awarded contract by city trustees to furnish 800 ft. 2½-in. Victory fire hose. R & E

TUCSON, Ariz.—Gamewell Telegraph Fire Alarm Co. of El Paso, Tex., awarded contract by council for fire alarm boxes. Russell Electric Co. of Tucson was awarded contract for wiring in connection with the fire alarm system.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

AUBURN, Placer Co., Cal.—City Eng. Jerome Barieau preparing spec. to pave High St., bet. Tahoe Club and railroad intersection and portion of College Ave., bet. Lane and Agard Sts.

LOS ANGELES, Cal.—Until 11 A. M., Jan. 15, bids will be rec. by supervisors for improvement work on Glendale Blvd. in road dist. No. 5. Cert. chk. or surety bond for 10% required. Contract involves 17,000 sq. ft. 21 in. 7-in. conc. pavement 26 ft. wide, with oil and screenings wearing surface. Materials required are: 770 cu. yds. excav., 3312 sq. yds. shaping roadway, 3312 sq. yds. conc. pavement, 1994 sq. yds. oil and screenings shoulders. County furnishes 946 bbls. cem. f. o. b. County Spur, Lincoln Park. Average haul for 5 mi. from Co. Spur, Lincoln Park. Average haul for rock and sand, 4 m. from L. A. Rick & Gravel Co.'s plant.

MONTEREY, Monterey Co., Cal.—No bids rec. by council to imp. Abrego St., Monterey, and Webb St., and from Webster to Pearl St. and Pearl St. bet. Abrego and Washington, by grading, paving with 2-in. bit. conc. wearing surface on macadam base; conc. curbs; gravel walks; rein. conc. culverts; 1 catchbasin, etc. Work under 1911 Act and Bond Act 1915. H. D. Severance, city eng.

PRESCOTT, Ariz.—Contracts let by the state highway commission for completing the Prescott-Ashfork highway were:

L. C. Lashmont, at \$28,866.60 for rock work in and around Hell Canyon. Monarch Engineering Co., Denver, at \$20,765 for constructing Little Hell Canyon bridge. The structure consists of two steel spans and will be 161 ft. long.

L. A. Lashmet at \$23,064.90 for constructing Hell Canyon bridge, consisting of one conc. arch, 155 ft. long.

Bids for work which was not awarded but taken under advisement were: Daniels and Kennedy, at \$19,484.05 for small structures, culverts, etc., bet. Drake and Ash Fork; S. B. Shumway bid \$21,189.65.

LONG BEACH, Cal.—City Director of Public Service A. L. Ferver has recommended to council that all bids for const. Quince Ave. storm drain be rejected and that new bids be advertised for at once. The pipe will be 22-in. reinf. conc.

WHITTIER, Cal.—City trustees adopted a resolution to engage Black & Veach, consulting engs. of Kansas City, Mo., to advise on the outfall sewer and disposal plant.

PORTLAND, Ore.—City Eng. Laurgaard has completed preliminary report to council proposed north branch of Rhine St. sewer approx. 10,000 ft. long, est. cost \$180,000.

WHITTIER, Cal.—Shepard & Weber, 615 Ocean Blvd., San Francisco, submitted only bid to city trustees for connecting Eastbridge with the municipal water service. The bid was rejected, the city clerk being instructed to advertise for new bids. The bid was \$15.54 ft. 6-in. cast iron pipe, \$1.15 ft. 4-in. pipe, 62¢ ft. 2-in. pipe, \$72.50 for each 4-in. hydrant, \$24.75 each for 6-in. valves, \$15.18 each for 4-in. and \$11.52 each for 2-in. valves.

LOS ANGELES, Cal.—Until 10 A. M., Jan. 15, bids will be rec. by board of public works to imp. Mt. Washington Dr., betw. Marmion Way and San Rafael Ave., involv. 173,070 sq. ft. 5-in. conc. paving, 19,982 sq. ft. grading and oiling, 245 ft. curb, 184 ft. conc. walls, 1965 cu. yds. fill, 9724 cu. yds. cut, 4565 ft. guard rail, storm sewer, three culverts, 535 ft. hsc. sewers; 1911 Act.

VICTORIA, B. C.—W. H. Sutherland, Minister of Public Works for British Columbia, reports that \$1,326,500 will be available for the 1923 road program.

LOS ANGELES, Cal.—Until 10 a. m. Jan. 8, bids will be received by Board of Public Works to improve following streets:

Denker Ave., between Slauson Ave. and 60th Pl., involving 767 sq. ft. conc. curb, incl. grading, 30,710 sq. ft. curb, 147,395 sq. ft. walk, 65,313 sq. ft. gutter, 11,213 cu. yds. cut, 2313 cu. yds. fill; Vrooman Act.

Fifth St., bet. Main and Broadway, involving 1127 sq. ft. 1-in. conc. gutter; Vrooman Act.

Alley west of Union Ave., bet. 10th and 11th Sts., involving 11,213 sq. ft. grading to grade and 15,309 sq. ft. 1-in. conc. paving, 117 cu. yds. cut, 2313 cu. yds. fill; Vrooman Act.

Greenhaw Blvd., betw. Washington Blvd. and Adams St., and Adams St. betw. 262,166 sq. ft. grading, 103,360 sq. ft. 6-in. conc., 107,717 sq. ft. 5-in. conc. paving with 2-in. Warrenite Bit paving, 188 sq. ft. grating and oiling, 3359 sq. curb, 417 ft. walk, 6737 sq. ft. gutter, two reinf. conc. pipe culverts, san. sewer 51,389 sq. ft. bit. macad. wearing surface, 10,127 cu. yds. cut, 1911 Act.

Alleys in block west of Park View St., bet. 8th and 9th Sts., involving 7993 sq. ft. 6-in. conc. paving, including grading, 23 ft. curb, 3 ft. walk, 141 cu. yds. cut, 33 cu. yds. fill; Vrooman Act.

TOMESTONE, Ariz.—All bids rejected by county supervisors for paving the Tombstone highway, east and west White & Miller, Phoenix, Ariz., were low bidders. The rejection was due to insufficient funds in the Cochise county treasury.

SAN DIEGO, Cal.—City council rejects as too high bid of G. R. Daley at \$36,012 to grade and oiling with oil macadam, Lincoln Ave., bet. Oregon and Boundary St. New plans will be made.

LOS ANGELES, Cal.—Until 10 a. m. Jan. 8, bids will be received by board of public works to improve Lariga Ave., bet. Tyburn St. and Glendale Blvd., involving 32,711 sq. ft. grading and oiling, 1245 ft. curb, 147 sq. ft. walk, 141 cu. yds. cut, 33 cu. yds. fill; Vrooman Act.

ELKO, Nevada.—City council orders immediate paving of Idaho St., the main thoroughfare, at \$12,000 per mile of which the Federal government will pay 80 per cent, the city of Elko's share being \$6000 while hsum is available.

SANTA CRUZ, Santa Cruz Co., Cal.—City Eng. James K. James has completed spec. to pave Woodrow Ave., its full length from Errett Circle to Cliff Drive with two 10-ft. strips of 5-in. conc. pavement.

SAN RAFAEL, Marin Co., Cal.—Until Jan. 9, 2 p. m., bids will be received by Rob. E. Graham, county clerk, to improve portion of Fairfax-Bolinas county road from railroad crossing at Blagge's to conc. bridge near Fairfax in Rd. Dist. 2. Cert. check 10% payable to Chair. Bd. of Suprs. required.

SAN DIEGO, Cal.—Projects planned under the proposed \$600,000 bond issue for highway work which will be submitted to voters Jan. 26, are as follows: Mission Rd., No. 1—Camp Kearny to Escondido, 3.09 mi.; Mission Rd. No. 1-B—Escondido to Bonsall section, 7.8 mi.; Mission Rd. No. 1-C—Bonsall to the county line, 10.86 mi. San Luis Rey Rd. No. 3-A—San Carlos to Ramona from Foster to Ramona, 10.54 mi.; Julian Rd. No. 3-B—Ramona to Julian sections, 12.16 mi.; Highland Ave. No. 5—Lemon Grove to National City, 1.53 mi.; Chula Vista-Coronado Rd. No. 6—Via the Coronado strand to south end of Tent City, 4.47 mi.; Imperial Blvd. No. 8—Lemon Grove-La Mesa, 2 mi.; San Pasqual No. 7—Escondido-Pasadena, 2 miles.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, Clerk, declares intention to improve William St. from 16th to pt. 460 ft. alt.; grading, paving with 1½-in. Warrenite Bit surface on 3-in. bit. conc. base; conc. curbs, gutters, walks and headwalls; conc. inlets with c. i. gratings and frames; 8-in. vit. pipe drains, 1911 Act and Bond Act. Protests Jan. 15. Wm. Popp, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.—Supervisors plan early construction of road in Sequel district, Lloyd Bowman, county sur.

ARCATA, Humboldt Co., Cal.—Mercer Fraser Co., Eureka, at \$81,520 sub-mits low bid to city trustees to improve streets, Parker and Kelly, Eureka, bid \$88,189.20; est. of W. S. Farley, engineer, Monadnock Bldg., San Francisco, \$87,014.80. Project involves 7655 lin. ft. conc. curb, 11,550 sq. ft. conc. gutter, 308,070 sq. ft. grading; 255,580 sq. ft. asph. conc., 2-course, 5-in. pavement; 100 lin. ft. 5½-in. by 20-in. corr. iron and conc. crosswalks; 808 lin. ft. 5½-in. by 20-in. corr. iron and conc. culverts; 66½ lin. ft. 7½-in. by 30-in. corr. iron and conc. culvert; 1 7x21-in. conc. inlet, with tile connection to existing drain; 193 lin. ft. 6x8-in. conc. culvert.

SAN DIEGO, Cal.—John Hess, San Diego, awarded contract by city council at \$11,170 to grade and oil Lincoln Ave., bet. Florida and Texas Sts.

LOS ANGELES, Cal.—Supervisors declare intention to grade and oil Block 1, between Van Nuys and Building Ave. and other streets, 2412 ft. or 16 mi. (R. D. 1, No. 220), involving 4560 cu. yds. excav., 72,360 sq. ft. shaping roadway, 172 sq. ft. walk, 415 yds. conc. in catchbasins, 57 ft. 15-in. conc. pipe. Materials required are: 631 bids, com. 263 tons sand, 395 tons gravel, 113 tons of 1½-in. Bluff ramp black, 113 tons screenings, 115 lbs. steel reinf., 3 std. conc. covers, 48 rolls roofing felt, 165 curb expan. joints, 165 walk expan. joints. Est. cost, price, \$11,483. Aver. age, hard to job, 1½ mi. from Delta on E. E. Ry.

VISALIA, Tulare Co., Cal.—Supervisors have plans under way for the construction of a 9-mi. auto road connecting the north Fork of the Tule river, above Milo with the South Fork of the Kaweah river, east of Three Rivers, the gateway to the General Grant Park. County Surveyor Lawrence A. Moye, is making a survey.

HERMOSA, Cal.—City Engr.'s office is securing rights of way and easements in connection with improvement of main thoroughfares of Hermosa. The streets to be paved are Hermosa Ave., its entire width through the city, and Camino Real and Prospect Ave., north from Pier Ave. to Manhattan Beach city limits.

LOS ANGELES, Cal.—Supervisors declare intention to grade and oil 2½ mi. of highways and streets incl. Normandie and Russell Aves. and Juliet St., and portions of other streets, 11,350 lin. ft. (R. D. 1, No. 226), involving 7711 cu. yds. excav., 44,390 sq. yds. placing and rolling screenings, 44,390 sq. yds. shaping and rolling roadway. Materials required are: 441 tons screenings and 528 bids oil. Average haul, 6 mi. from Delta on E. E. Ry. Est. cost, price, \$11,670.

OXNARD, Cal.—City Trustees declare intention to grade and pave 1000 ft. of 12-in. by 24-in. gutters Rd. and C St., with 1½-in. asph. conc. wearing surface on 4-in. cem. conc. base; const. cem. curbs and gutters; 1911 Act. Frank B. Pettis, City Clerk.

CALIPATRIA, Cal.—City Council has ordered new proceedings for paving Main St., 1½-mi. This contract was formerly awarded to W. F. Beale of Los Angeles, who refused to sign the contr. due to technical irregularities in the proceedings. The new proceedings will include the paving of Highland Ave., 2 blocks, and the construction of cem. walks on West Main St.

SANTA ROSA, Sonoma Co., Cal.—F. H. Richardson at approx. \$147,000 submitted only bid to supervisors to construct the Jenner to Mendocino County highway into the Mend. bid was rejected. Project involves: 24,000 cu. yds. unclassified excav., 50 cu. yds. cribbing incl. ¾-in. drift pines; 5000 lin. ft. 12-in., 3500 lin. ft. 15-in., 1200 lin. ft. 18-in., and 900 lin. ft. 24-in. corr. iron pipe; 50 cu. yds. gravel or crushed rock. E. A. Peugh, County Sur.

RICHMOND, Contra Costa Co., Cal.—City Council contemplates installation of storm sewers, plans for which were prepared by City Eng. H. D. Chapman prior to the war at which time the cost was estimated at \$125,000 and which cost at this time would be increased to a figure between \$300,000 and \$400,000. It is proposed to finance the work through an assessment district or through bonds in a sewer district. It is thought that the latter plan will be adopted.

LOS ANGELES, Cal.—Chas. T. Salata, 310 E. 4th St., submitted only bid to board of public works, to pave Twining St., betw. Pueblo Ave. and 251 ft. SW from Castalia St., involving 17,113 sq. ft. grading to finish subgrade at 9c ft.; 3785 sq. ft. rough grading at 5c ft.; 3785 sq. ft. finish grading, oiling, and rolling at 7c ft.; 1934 ft. curb at 70c ft.; 3420 California Paving Co. bid \$11.00 per sq. ft. walk at 22c ft.; 574 sq. ft. gutter at 32c ft.

Shreer, mgr., 1627 Cherry St., only bid at 35c sq. ft. for const. 1985 sq. ft. conc. curb, 1000 ft. Windward Blvd., betw. 288 ft. N of Country Club Dr and 734 ft. S of Country Club Dr.

Chas. T. Salata submitted low bid to imp. Lotens St., betw. Whittier Blvd. and Claudi St. involving 22 ft. curb at 70c ft., 6545 sq. ft. walk at 25c ft., California Paving Co. bid \$11.00 curb and 25c walk.

M. S. Cummings, 1302 W 22nd St., submitted only bids to pave Avalon St., betw. Preston Ave. and Lemoyne St., involving 1224 sq. ft. grading to subgrade at 57c ft.; 1224 sq. ft. conc. paving at 5c ft.; 3435 sq. ft. rough grading to grade at 27c ft.; 3435 sq. ft. grading and oiling at 3c ft.; 173 ft. curb at 85c ft.; 725 sq. ft. walk at 43c ft.; 3763.71 for reinf. conc. stairway.

OAKLAND, Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, awarded contract by council to imp. portions of 17th St., grading, .96 sq. ft.; conc. curb with guard, .95 lin. ft.; reset granite curb, .99 lin. ft.; conc. gutter, .38 sq. ft.; asph. conc. pave, .80 sq. ft. sewer, .52 sq. ft. 12-in. sewer, .52 sq. ft. manholes, .100 ea.; lampholes, .25 ea.; wye branches, .52 ea.; catchbasins, .50 ea.; 10-in. pipe culvert, .15 lin. ft.

San Rafael, Marin Co., Cal.—James K. James, City Eng., awarded contract to imp. Fullington St., bet. 39th Ave. and Fremont Tract, grading, .96c; conc. curb, .70c; conc. gutter, .25c; oil macadam pave, .11c, cem. walks, .17c.

CORONADO, Cal.—City Mgr. Hyatt recommends installation of a septic tank system costing approx. \$25,000 as one way to solve the sewer problem of Coronado. The city mgr. has been authorized by the trustees to secure all necessary information on costs and material.

VENICE, Cal.—Petitions for widening Ocean Front are in circulation. Work will consist of widening cement walk, installing ornam. lights and building new bulkheads. Max MacDonald, chairman of the Ocean Front Walk committee.

SAN FRANCISCO, Calif.—Until Jan. 24 bids will be received by Board of Public Works to construct Army street sewer extension, est. cost, \$125,000. Project involves: 650 lin. ft. 8x10 lin. rein. conc. sewer and 745 lin. ft. 8x10 lin. rein. conc. sewer on piles; 890 lin. ft. 8x6 ft x10 ft. 6 in. rein. conc. sewer; 5 rein. conc. taper connections; 6 conc. manholes on 8 ft x10 lin. ft. rein. conc. sewer and 1 conc. manhole on 8 ft x10 sewer and 1 conc. manhole on sewer; 10,700 lin. ft. pipes; 230 lin. ft. 10-in., 465 lin. ft. 8-in., and 730 lin. ft. 6-in. vit. pipe underdrain; 100 lin. ft. open ditch. Bids obtainable from City Engineer's Office, 3rd Floor, City Hall.

CLAREMONT, Cal.—Olmedst & Gilen, 301 Broadway Bldg., Los Angeles, have submitted to city council an estimate of the cost of the proposed sewer outfall to care for Pomona for 40

years. The estimate totals \$139,000 and includes \$99,000 for lateral system, \$27,000 for outfall, and \$12,000 for disposal plant to be located in the San Antonio water. Specifications for main outfall sewer of 18-in. pipe, two manholes 20 and 12 inches and laterals 8-in. dia. W. S. Smith, city engineer, has the matter under advisement.

BERKELEY, Cal.—Alameda Co., Cal.—Oakland Paving Co., 5000 Broadway, Oakland, awarded contract by council to construct of 20-in. half of outfall sewer, const. curb, concrete curbs and gutters paving with bit asphalt, cone.

SACRAMENTO, Cal.—Bids were received as follows on December 28, 1922 by the California Highways Commission for highway improvements as in two counties:

Imperial County, bet. New County Well and Old County Well at Plank Road (VII-imp-27-A), about nine and four-tenths (9.4) miles in length, to be graded and paved with asphalt concrete.

Geo. H. Oswald, Los Angeles, type A \$145,055, type B \$135,000.

Geo. H. Curtis, Los Angeles, type A \$171,000, type B \$149,065.

Engineer's estimate, type A \$151,200, type B \$131,870.

Nevada County, between Donner Summit and Donner Lake (IX-imp-37-C), about three and three-tenths (3.3) miles in length, to be graded.

J. Wilmshurst & Theo. Menetos, San Francisco, \$124,589.

E. B. Loyd, East San Diego, \$127,139.

Nevada Contracting Co., Fallon \$127,139.

Engineer's estimate \$127,139.

OAKLAND, Cal.—Until Jan. 4, 12 M., bids will be rec. by E. K. Sturges, City Clerk, to imp. following Sts., under 1911 Act:

Madeline St., bet. Laguna and Peralta, involy. 2,655 cu. yds. excavation; 988 lin. ft. conc. curb; 2,016 sq. ft. conc. gutter; 13,020 sq. ft. oil macadam pavement; 5,421 sq. ft. cement walks.

30th Ave., bet. E-12th and E-14th Sts., involy. 7,723 sq. ft. grading; 381 lin. ft. conc. curb; 965 sq. ft. conc. gutter; 6,717 sq. ft. oil macadam pavement.

Tyrrell St., bet. 47th and Cortland Ave., involy. 2,371 cu. yds. excavation; 772 lin. ft. conc. curb; 1,584 sq. ft. conc. gutter; 11,025 sq. ft. oil macadam pavement; 4,752 sq. ft. cement walks.

Portions of Angelo Ave., grading; concrete curbs, gutters and walks; paving with oil macadam, corrug. iron and conc. culverts. W. W. Harmon, City Eng.

BUSINESS OPPORTUNITIES

Further information regarding these opportunities may be had from Foreign and Domestic Trade Department, Chamber of Commerce, Merchants' Exchange Bldg., San Francisco.

6561—Vancouver, Canada. Large concern producing 3,000 barrels of building lime per month besides pulverized lime for sprays, will make connections with an active San Francisco firm.

6562—New York, N. Y. A considerable quantity of scythes suitable for sale in South American or other markets are available for export. Samples have arrived in San Francisco and may be inspected here.

6564—Hull, England. Firm wishes connection with San Francisco importers of inks for making sacks and bags, paint for painting barrel ends, tallow, oils, greases, lubricants and varnishes.

6571—Tiflis, Russia. Electric power station under construction will require electric machinery of all kinds.

6573—Guadalajara, Jal., Mexico. Machinery for shaping heels on all classes of shoes is desired.

6574—Rio de Janeiro, Brazil. Large export and import house desires to buy cement, caustic soda, turpentine, rosin, wire, barbed wire and will sell hard hides, rubber, cocoa and wax.

6584—Havana, Cuba. American firms is desirous of representing a few manufacturers of industrial and agricultural machinery on a commission basis.

6585—Amsterdam, Holland. Large sales organization covering all of the Netherlands desires to represent American exporters of gas engines, marine

hardware, hardware specialties, and water sports goods.

6586—Santiago, Cuba. Company seeks exclusive representation from firms engaged in exporting chick-peas, peanut oil and barbed wire.

6587—Cali, Colombia. Importers wish to get in touch with exporters of acetylene gas lamps and calcium carbide in 10- or 25-pound drums. Correspondence in Spanish.

6591—Bloemfontein, Orange River Colony, South Africa. Concern requests manufacturers and shippers of agricultural machinery to forward catalogues, quotations and terms.

D-3825—New York City, N. Y. Manufacturer of small trucks for industrial plants desires distributor for this market. Descriptive circular on file.

D-284—Eugene, Ore. Salesman traveling Oregon territory desires to take on side line on a commission basis.

D-386—Atlanta, Ga. Miners and manufacturers of various colors of Crushed Marbles for use in terrazzo floors and for external curbs in stucco work desire to place their products before buyers in San Francisco.

List of Members Vallejo Builders' Exchange

OFFICERS

John Sullivan President
C. H. Miller Vice-President
L. K. Talley Secretary
W. F. Horan Treasurer

CEMENT CONTRACTOR

Bode, A. E.
Johnston, E. L.

ELECTRICAL CONTRACTORS

Vallejo Electric Light & Power Co.
Watkins Electric Supply Co.

GENERAL CONTRACTORS

Averill, S. H.
Panning, R. H.
Barenchil, George
Cavallo, J. F.
Crandall, E. E.
Dubonof, Harry
Estes, G. C.
McNaughton, E.
Paganini, David
Sullivan, John

GRADING CONTRACTOR

McGill, Thomas J.

HARDWARE

Wilder Hardware Co.

HIGHWAY CONSTRUCTION

United Construction Co.

STEAM HEATING

Hellerman Plumbing Shop

LUMBER

Perry Lumber Co.
Teichera Lumber Co.
Vallejo Builders' Supply Co.

LIME, SAND, CEMENT, ETC.

Clavo, Joseph
Horan Company
Stark, John
Vallejo Rock & Sand Co.

MILLWORK

Foster's Planing Mill
Pacific Mfg. Co.
Perry Lumber Co.

Teichera Lumber Co.
Vallejo Builders' Supply Co.

PAINTERS AND PAPERHANGERS

Parnewitz, J. W.
Barnowitz Painting & Decorating Co.
Fawcett, Walter
Vera & Castro

PLASTERERS

Adamson, M. S.
Driscoll, D. F.
Bourne, C. H.

PLUMBERS

Hellerman Plumbing Shop
Looney, J. J.
Wilder Hardware Co.

ROCK, SAND, ETC.

Vallejo Rock & Sand Co.

ROOFERS

Talley, L. K.

SHEET METAL CONTRACTOR

Claus & Daniels

List of Members Builder's Exchange —OF— Contra Costa County

914 MACDONALD AVENUE

RICHMOND, CALIF.

Phone Richmond 685

OFFICERS

P. M. Sanford, President
E. A. Mero, 1st Vice-Pres.
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E. H. Higgins.
E. A. Mero.
P. M. Sanford
E. J. Bullantyne
E. A. Marshall
J. I. Collins.

BUILDING SUPPLIES

W. P. Fuller & Co.—Paint and Glass.
E. H. Higgins
Irwin & Lewis Lumber Co.
F. A. Mayfield—Paint and Glass
Richmond Navigation & Imp. Co.
Richmond Pressed Brick Co.
Richmond Supply Co.
San Pablo Lumber Co.
Steger Lumber & Hardware Co.
Tilden Lumber Co.

BUILDING CONTRACTORS

Norman E. Anderson
A. Akerson
E. A. F. Carson
A. Fagerstrom
K. J. Henning
Matthew Morton
Frank McCausland
J. Odling
C. Overera
P. M. Sanford
J. C. Thornton

BRICK CONTRACTORS

James Walker

CABINET MAKERS

H. Millratt & Son
C. Pederson

CEMENT CONTRACTORS

Frank Auzez

ELECTRICAL CONTRACTORS

Pacific Electrical Mfg. Co.
Pioneer Electric Co.
V. G. Electric Co.

HARDWOOD FLOORS

Geo. L. Spaulding

HOUSE MOVERS

Herbert D. Baker

HARDWARE DEALERS

A. C. Burdick

PAINTING CONTRACTORS

Burden & Kirkhouse
L. De Gregorio
Marshall & Son
Frank McCauley
F. Roberts

PLASTERING CONTRACTORS

Charles Brown
G. P. Ingram
A. H. Winchcole

PLUMBING AND STEAM FITTING CONTRACTORS

J. I. Collins
W. D. Rihn
Spiersch Bros.
F. P. Allen
R. W. Timmons
R. A. Washburn

SHEET METAL CONTRACTORS

H. W. Clear
Spiersch Bros.

ROOFING CONTRACTS

Richmond Roofing Co.
J. W. Bender Roofing & Paving Co., & F.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

\$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
4455	Fritz	Cahill	10000
4456	Simmons	Barrett	2500
4457	Ponsere	Owner	2500
4458	Breen	Hansen	15326
4459	S. P. C.	Schultz	3292
4460	Same	Same	1385
4461	Cornils	Bernhardt	3000
4462	Bernhardt	Owner	1000
4463	Hargrave	Owner	2000
4464	Lurie	Hansen	35000
4465	Smith	Harder	9420
4466	Capurro	Farnochia	29000
4467	Lynch	Owner	3000
4468	McKillop	Owner	3000
4469	Oneto	Franchia	1000
4470	Interdonato	Waldt	6000
4471	Littlepage	Owner	2000
4472	Smith	Harder	9120
4473	Koenig	Owner	15000
4474	Gnot	Owner	4400
4475	Kidder	Parfiker	8575
4476	Bennett	Owner	6000
4477	Black	Owner	18000
4478	S. F. Stock Ex	Monson	76000
4479	Lapham	Owner	7000
4480	Greenback	Badt	15000
4481	Picome	Masarie	6030
4482	Ladd	Owner	3000
4483	Payne	Landman	10000
4484	Lapham	Lapham	7000
4485	Muller	Owner	3800
4486	Methmann	Owner	6500
4487	Janssen	Owner	6350
4488	Janssen	Owner	2950
4489	McCarthy	Backman	4250
4490	Heyman	Owner	3500
4491	Matthies	Owner	35000
4492	Warden	Owner	12000
4493	Hamill	Owner	10500
4494	Grimm	Coburn	65000
4495	Equitable	Owner	35000
4496	Johnson	Owner	10000
4497	Fletcher	Knox	2500
4498	Page	Jones	1362
4499	Lewis	Jones	13150
4500	Malloch	Malloch	5000
4501	Araboglow	Hardy	15000
4502	Barves	Hardy	5000
4503	Sharboro	Hardy	34000

LOFTS

(4455) N MARKET 137-6 E Montgomery. Six-story Class E lofts. Owner—Eugene Fritz, 116 Frederic St., San Francisco. Architect—John H. Powers, Italian American Bank Bldg., S. F. Contractor—Cahill Bros., 116 Sutter St., San Francisco. \$100,000

BRIDGE

(4456) POWELL bet. Bay and North Point. Erect steel bridge across street. Owner—Simmons Co., Bay and Powell Sts., San Francisco. Engineer—W. H. Ellison, Pacific Bldg., San Francisco. Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. \$2500

STOREROOM

(4457) S STARK 87 E Stockton. Two-story brick storeroom. Owner—Ponsere Bros., 10 Stark St., San Francisco. Architect—None. \$2500

FRAME BLDG.

(4458) NW FULTON & TWENTIETH Ave W 30 N 100 E 30 S to beg. All work except heating, shades, fixtures, wall paper and finish hardware for two-story and basement frame building. Owner—Wm. T. Breen, 125 Kearny St., San Francisco. Architect—W. H. Crim Jr., 425 Kearny St., San Francisco. Contractor—H. J. Hansen, 302 Kearny St., San Francisco. Filed Dec. 22, '22. Dated Dec. 16, '22. Roof on \$384.50 Crown coated 3831.50 Completed and accepted 3831.50 Usual 35 days 3831.50 TOTAL COST, \$15,326.00 Bond, \$7663. Sureties, Walter F. Hansen and Elling Ellingson. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

ALTERATIONS

(4459) NO. 65 MARKET. All work for altering rear walls, ticket stock room and drafting room in General Office Building. Owner—Southern Pacific Co., Premises. Architect—None. Contractor—Schultz Constr. Co., 46 Kearny St., San Francisco. Filed Dec. 22, '22. Dated Dec. 19, '22. At close of each month 75% of work done & material furnished. Usual 35 days 25% TOTAL COST, \$3292.50 Bond, \$2470. Surety, New Amsterdam Casualty Co. Limit, 60 days after commencement. Forfeit, none. Plans and specifications filed.

(4460) NO. 77-81-85 MARKET. All work for reconstruction and altering rear walls of stores in General Office Building. Owner—Southern Pacific Co., Premises. Architect—None. Contractor—Schultz Constr. Co., 46 Kearny St., San Francisco. Filed Dec. 22, '22. Dated Dec. 19, '22. At close of each month 75% of work done & material furnished. Usual 35 days 25% TOTAL COST, \$1585

Bond, \$1189. Surety, New Amsterdam Casualty Co. Limit, 60 days after commencement. Forfeit, none. Plans and specifications filed.

DWELLING

(4461) E EUREKA 33-6 N Twenty-first. One-story and basement frame dwelling. Owner—H. Cornils, 379 Eureka St., San Francisco. Architect—None. Contractor—Bernhardt & Pereira, 444 20th St., San Francisco. \$3000

DWELLING

(4462) NE EUREKA AND TWENTY-first. One-story and basement frame dwelling. Owner—Bernhardt & Pereira, 444 20th St., San Francisco. Architect—None. \$4000

DWELLING

(4463) W NAPLES 225 S Brunswick. One-story and basement frame dwelling. Owner—E. J. Hargrave, 360 London St., San Francisco. Architect—None. \$2000

GARAGE

(4464) S SACRAMENTO 91-6 W Polk. Three-story and basement concrete garage. Owner—The Lurie Co., Mills Bldg., San Francisco. Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco. Contractor—F. L. Hansen, 251 Kearny St., San Francisco. \$35,000

FLATS

(4465) E TWENTY-SIXTH AVE 98 S Geary E 70x8 27. All work for two story frame flats. Owner—Robert H. and Lillian Smith, 600 21st Ave., San Francisco. Architect—None. Contractor—John Harder, 870 39th Ave., San Francisco. Filed Dec. 23, '22. Dated Dec. 21, '22. Frame up \$2355 1st coat plaster on 2355 Completed and accepted 2355 Usual 35 days 2355 TOTAL COST, \$9420 Bond, limit, forfeit, none. Plans and specifications filed.

STORES, ETC.

(4466) E COLUMBUS AVE 33 N Vallejo. Two-story and basement frame stores and offices. Owner—A. Capurro Estate, 462 Columbus Ave., San Francisco. Architect—Louis Mastropasque, 58 Washington St., San Francisco. Contractor—Francocit & Co., 1814 Powell St., S. F. \$29,000

DWELLING

(4467) W FOURTEENTH AVE 82 S Irving. One-story and basement frame dwelling. Owner—John Lynch, 637 Waller St., San Francisco. Plans by Owner. \$3000

ALTERATIONS

(4468) SE GREEN AND WEBSTER. Alter into two flats; carpentry; plumbing, etc. Owner—W. J. McKillop, 540 Cole St., San Francisco. Architect—None. \$3000

ALTERATIONS

(4469) W NOE 55 S Fifteenth. Move and alter flats. Owner—G. Oneto, 36 Cunningham Pl., San Francisco. Architect—None. Contractor—J. Franchia & Co., 36 Cunningham Place, S. F. \$1000

APARTMENTS

(4470) E PRECITA AVE 70 N Alabama. Two-story and basement frame (4) apartments. Owner—Paul Interdonato, 1340 Hampshire St., San Francisco. Architect—None. Contractor—J. J. Waldt, 406 Moraga St., San Francisco. \$6000

DWELLING

(4471) W SEVENTEENTH AVE 200 N Taraval. One-story and basement frame dwelling. Owner—J. C. Littlepage, 419 14th Ave., San Francisco. Architect—None. \$2000

FLATS

(4472) E TWENTY-SIXTH AVE 98 S Geary. Three-story and basement frame (2) flats. Owner—R. W. Smith, 643 16th Ave., San Francisco.

Architect—None.

Contractor—John Hardar, 870 39th Av.,
San Francisco. \$9420

APARTMENTS

(4473) N WASHINGTON 59-6 W Fillmore. Three-story and basement frame (6) apartments.

Owner—Chas. J. U. Koenig, 520 Church St., San Francisco. \$15,000

ALTERATIONS

(4174) NO. 3328-28A TWENTY-fourth St. Raise flats and add one story for stores.

Owner—Jno. Gnot, Premises.
Architect—F. S. Holland, 1629 Folsom St., San Francisco. \$4000

RESIDENCE

(4475) SE CARRILLO AND FUNSTON Ave. 32-6XE 92-6. All work for frame residence.

Owner—Sarah A. Kidder, Ingleside Terrace, San Francisco.
Architect—Harold G. Stoner, 1st Nat'l Bank Bldg., San Francisco.

Contractor—C. E. Parker, 15 Merced Ave., San Francisco

Filed Dec. 27, '22. Dated Dec. 6, '22.
Roof on \$2100
Brown coated 2100
Completed and accepted 2100
Usual 35 days Balance

TOTAL COST, \$8575
Bond, \$4287.50. Surety, The Aetna Casualty Co. Limit, April 6, 1923. Forfeit, none. Plans and specifications filed.

DWELLINGS

(4476) N ANZA 90 and 113-9 W Forty-fifth Ave. Two one-story frame dwellings.

Owner—A. G. Bennett, 640 Post St., San Francisco. \$3000 each

FLATS

(4477) E ARGUELLO BLVD 77 N California. Three-story and basement frame (2) flats.

Owner—Ben Black, 1352 Haight St., San Francisco

Architect—W. L. Schmollie, 40 Montgomery St., S. F. \$18,000

STOCK EXCHANGE

(4478) N BUSH 206 W Montgomery. One-story and mezzanine floor brick and steel stock exchange.

Owner—San Francisco Stock Exchange
Architect—J. E. Miller & T. L. Pfeiffer Lick Bldg., San Francisco

Contractor—Munson Bros., 251 Kearny St., San Francisco. \$76,000

DWELLING

(4179) SE CARRILLO & TWENTY-third Ave. Two-story and basement frame dwelling.

Owner—Lapham Building Co., 6311 Geary St., San Francisco \$7000

APARTMENTS

(4480) W HYDE 37-6 N Post. Four-story and basement concrete (7) apartments.

Owner—Jos. Greenback.
Structural Engineers—Baldt-Palk & Co. \$15,000

DWELLING

(4481) E WISCONSIN 575 S Twenty-second. One-story and basement frame dwelling.

Owner—A. Picome, 369 Wisconsin St., San Francisco.

Designer—V. Masarie, 1121 Wisconsin St., San Francisco.

Contractor—V. Masarie, 1121 Wisconsin St., San Francisco \$6000

DWELLING

(4482) S NOREIGA 82-6 W Eighth Ave. One-story and basement frame dwelling.

Owner—S. Ladd, 115 Noriega St., San Francisco.

Plans by Owner. \$3000

DWELLING

(4483) NE PACHECO AND DEWEY Blvd. One-story and basement frame dwelling.

Owner—E. H. Payne.
Designer—W. R. Lindeman, 530 Balboa St., San Francisco.

Contractor—W. R. Lindeman, 530 Balboa St., San Francisco. \$10,000

DWELLING

(4484) NW TWENTY-SECOND AVE & Fulton. Two-story and basement frame dwelling.

Owner—A. R. Lapham, 6311 Geary St., San Francisco.

Architect—None.
Contractor—Lapham Bldg. Co., 6311 Geary St., San Francisco. \$7000

DWELLING

(4485) E TWENTY-SIXTH AVE 175 N Geary. One-story and basement frame dwelling.

Owner—Martin Muller, 271 23rd Ave., San Francisco

Architect—None. \$3800

FLATS

(4486) N TWENTY-FIRST 125 W Valencia. Two-story and basement frame (2) flats.

Owner—G. Methmann, 35 Lexington Ave., San Francisco.

Plans by Lawrence Flagg Hyde. \$6500

FRAME FLATS

(4487) E TWELFTH AVE 250 S California. Two-story and basement frame (2) flats.

Owner—E. A. Janssen, 402 Hearst Bldg San Francisco.

Architect—None. \$6950

DWELLING

(4488) W TWENTY-THIRD AVE 255 N Geary. One-story and basement frame dwelling.

Owner—E. A. Janssen, 402 Hearst Bldg San Francisco.

Architect—None. \$3950

DWELLING

(4489) E FOERSTER 25 S Flood Ave S 25xS 100 Lot 2 Elk 18, Sunnyside. All work for five-room and basement dwelling.

Owner—The McCarthy Co., 316 Bush St., San Francisco

Contractor—Backman Bros., 537 Chenery St., San Francisco.

Filed Dec. 27, '22. Dated Dec. 20, '22.
30 days after frame up 25%
30 days after brown coated 25%
30 days after completed and accepted 25%
Usual 35 days 25%
TOTAL COST, \$4250

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING

(4490) N BALBOA 357-6 E Forty-fifth Ave. Two-story and basement frame dwelling.

Owner—Oscar Heyman & Bro., 742 Market St., San Francisco.

Architect—Albin J. Stern, 742 Market St., San Francisco. \$3500

APARTMENTS

(4491) SW GEARY AND TWENTY-third Ave. Three-story and basement frame stores and (8) apartments.

Owner—Matthies & Gale, 180 Jessie St., San Francisco.

Architect—None. \$35,000

APARTMENTS

(4492) SW KIRKHAM & ELEVENTH Ave. Two-story and basement frame (4) apartments.

Owner—Fred Warden, 68 Concord St., San Francisco.

Plans by Owner. \$12,000

RESIDENCE

(4493) S GEARY 40 E Blake Two-story concrete garage and residence.

Owner—Thos. Hamill, 6140 Geary St., San Francisco.

Architect—John J. Foley, 770 5th Ave., San Francisco. \$10,500

APARTMENTS

(4494) NE McALLISTER AND LEAVENWORTH. Four-story concrete (24) apartments.

Owner—Mrs. A. Grimm, 310 California St., San Francisco.

Architect—T. Paterson Ross, 310 California St., San Francisco.

Contractor—Ira W. Coburn, Hearst Bldg., San Francisco. \$65,000

ALTERATIONS

(4495) SE PINE AND MONTGOMERY Plaster exterior and remodel 1st floor for 2 stores.

Owner—Equitable Realty Co., 304 Bush St., San Francisco.

Architect—A. H. Knoll, 1023 Hearst Bldg., San Francisco. \$35,000

APARTMENTS

(4496) W THIRD AVE 150 S Geary. Two-story and basement frame (4) apartments.

Owner—Walter J. Johnson, 2527 Washington St., San Francisco.

Designer—John Chase, 1597 Jackson St., San Francisco. \$10,000

ALTERATIONS

(4497) NO 1131 BALBOA. Raise dwelling; concrete and brick foundation and other minor changes.

Owner—Mrs. C. E. Fletcher, Premises.

Architect—None.

Contractor—Orin Knox, 624 7th Ave., San Francisco. \$2500

ALTERATIONS

(4498) SW LEAVENWORTH AND Turk 37-6x87-6. All work except painting for remodeling corner store.

Owner—Alvin C. Page.
Architect—J. C. Hladik, 681 Market St., San Francisco.

Contractor—T. M. Jones, 3767 Army St., San Francisco.

Filed Dec. 28, '22. Dated Dec. 28, '22.
Work roughed in \$421.00
Work primed 600.00
Usual 35 days 340.00

Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

FLATS

(4499) NW ALBION AVE & SEVENTEENTH 27 on Albion Ave and 61-9 on 17th and additional space in rear of 4x12. All work except sewer connections, lighting fixtures, wall paper, window shades, hot water heater and finish hardware for two-story frame (4) flats.

Owner—Harry J. and Margaret Lewis, 23 Lexington Ave., San Francisco.

Architect—Thomas M. Jones.
Contractor—Thomas M. Jones, 3767 Army St., San Francisco.

Filed Dec. 28, '22. Dated Dec. 12, '22.
Roof on \$3362
Brown coated 3362
Accepted 3364
Usual 35 days 3362

TOTAL COST, \$13,450

Bond, \$6725. Sureties, Morris J. Jones and Annie M. Jones. Limit, 120 days.

Forfeit, none. Plans and specifications filed.

BUILDING

(4500) NE EIGHTH 39 NE Heron NE 30x65. All work for one-story and mezzanine reinforced concrete building.

Owner—J. S. Malloch, 180 Jessie St., San Francisco.
 Architect—F. L. Walker, % Owner.
 Contractor—J. S. Malloch, 180 Jessie St., San Francisco.
 Filed Dec. 28, '22. Dated Dec. 23, '22.
 Days work.....
 TOTAL COST, \$5000
 Bond, none. Limit, 60 days after Dec. 20, 1922. Forfeit, none. Plans and specifications filed.

FLATS, ETC.
 (4501) S CLEMENT 30 E Twenty-third Ave E 27-63S 100. All work for two-story frame building (stores and flats).
 Owner—Tony & Irene Araboglow, 2528 20th St., San Francisco.
 Architect—None.
 Contractor—A. M. Hardy, 518 24th Ave., San Francisco.

Filed Dec. 28, '22. Dated Dec. 14, '22.
 Frame up.....\$3750
 Brown coat.....3750
 On completion.....1750
 And deed of trust for.....2000
 Usual 35 days.....3750
 TOTAL COST, \$15,000
 Bond, none. Limit, 120 days. Forfeit, \$2. Plans and specifications filed.

RESIDENCE
 (4502) W TWENTY-FOURTH AVE (134-8 S "A" S 25XW 120. All work for one-story frame residence.
 Owner—Jas. Barnes.
 Architect—A. M. Hardy, 518 24th Ave., San Francisco.
 Contractor—A. M. Hardy, 518 24th Ave., San Francisco.
 Filed Dec. 28, '22. Dated Sept. 30, '22.
 Frame up.....\$1250
 Brown coat.....1250
 Completed and accepted.....1250
 Usual 35 days.....1250
 TOTAL COST, \$5000
 Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

BUILDINGS
 (4503) NW CHESTNUT AND GOUGH dist 137-6 W Gough W 100XN 137-6. All work for four two-story and basement frame buildings.
 Owner—R. E. Sbarboro, H. L. Detjen and Jno. P. Noonan, 1927 Washington St., San Francisco.
 Architect—A. M. Hardy, 518 24th Ave., San Francisco.
 Contractor—A. M. Hardy, 518 24th Ave., San Francisco.
 Filed Dec. 28, '22. Dated Oct. 16, '22.
 Frame up.....\$8500
 Brown coat.....8500
 Completed and accepted.....8500
 Usual 35 days.....8500
 TOTAL COST, \$34,000
 Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded.....Accepted
 Dec. 22, 1922—E FORTY-THIRD AVE 150 and 175 S Irving. J J McLeod to Fred Warden.....Dec. 20, 1922
 Dec. 22, 1922—E TWENTY-FOURTH AVE 160 S Cabrillo 25X120. F Carroll Reed to whom it may concern.....Dec. 22, 1922
 Dec. 22, 1922—N CLIFF AVE 32-6 W Forty-fourth Ave W 25-4 1/2 N 101-0 1/2 E 25 S 105-2 1/2. Benjamin Schnier to Meyer Bros.....Dec. 21, 1922
 Dec. 22, 1922—N CLIFF AVE 82-6 W Forty-fourth Ave W 25-4 1/2 N 92-9 1/2 E 25 S 86-11 1/2. C P Thomson to Meyer Bros.....Dec. 21, 1922
 Dec. 22, 1922—E DIVISADERO 100 S Duboce Ave. J A Grant to whom it may concern.....Dec. 22, 1922
 Dec. 22, 1922—E DIVISADERO 100 S Duboce Ave. J A Grant to whom it may concern.....Dec. 22, 1922
 Dec. 22, 1922—N CLIFF AVE 57-6 W Forty-fourth Ave W 25-4 1/2 N 96-11 1/2 E 25 S 101-0 1/2. John Gray to Meyer Bros.....Dec. 21, 1922

Dec. 23, 1922—LOT 26 BLK 23. Crocker Amazon Tract. Manno J Petersen to whom it may concern.....Dec. 23, 1922
 Dec. 23, 1922—LOT 15 BLK 5 S 81 Francis Wood, L K and Ranaa Siveren to Julius Borge, Dec. 18, '22
 Dec. 22, 1922—N GRAEFEN AVE 109 W Capitol Ave W 25XN 100 Lot 5 BLK 19, Lakeview. The McCarthy Co to James Arnott & Son.....Dec. 20, 1922
 Dec. 22, 1922—N CALIFORNIA 32-6 E Eleventh Ave E 25XN 100. The Martin to The John Little & Son.....Dec. 26, 1922
 Dec. 26, 1922—SW SIXTH 175 S 81 Folsom SE 25XSW 120. Edward and Henrietta Lewis to Charles Schwarz.....Dec. 26, 1922
 Dec. 26, 1922—E FORTY-THIRD AVE 100 S Lincoln Way S 25X120. John J and A Loretto Martell to Fred Warden.....Dec. 21, 1922
 Dec. 26, 1922—NW FOURTH 25 and Balboa 25 on Fourth Ave and Balboa. Nick or Nik Kontos to Chas J U Koening.....Dec. 23, 1922
 Dec. 27, 1922—NO 1649-1611 LEAVENWORTH near Broadway S sub-Leavenworth 56 S Broadway Bertrand A and Alice Modus to whom it may concern.....Dec. 27, 1922
 Dec. 27, 1922—E CASTRO 60 N 24th 30X80. J H Vermer to whom it may concern.....Dec. 27, 1922
 Dec. 27, 1922—W TWENTY-FOURTH AVE 175 N California 25X120. C Philipps to V Philipps.....Dec. 26, 1922
 Dec. 27, 1922—SE GEARY AND Larkin. The Dunn Williams Co to John Spargo.....Dec. 23, 1922
 Dec. 27, 1922—N MISSION AND Seventeenth. S Heiman to Louis J Conn.....Dec. 23, 1922
 Dec. 27, 1922—SE TWENTY-FIFTH AVE and Geary 100 on 12th Ave & 32-6 on Geary. Walter G Volden to whom it may concern.....Dec. 27, 1922
 Dec. 27, 1922—NE TWENTY-THIRD AVE and Fulton E 15th Ave bet. Balboa and Cabrillo contg 175 N Cabrillo N 50X8 120; W 15th Ave 250 N Geary. Meyer Bros to whom it may concern.....Dec. 26, 1922
 Dec. 27, 1922—W TWENTY-THIRD AVE 255, 218 and 241 N Balboa S 120. Thos Hamill to whom it may concern.....Dec. 26, 1922
 Dec. 27, 1922—LOT 61 Map Sub-division No. 1, Sea Cliff. Mrs Rheba & Leon Wertheimer to Allen & Co.....Dec. 15, 1922
 Dec. 27, 1922—N WASHINGTON 159 W Polk W 42XN 127-8 1/2. Koloman Gluck to whom it may concern.....Dec. 18, 1922
 Dec. 27, 1922—E FIFTEENTH AVE 75 N Judah N 25X E 100 OIL 686. John E and Ethel M McCarthy to whom it may concern.....Dec. 27, 1922
 Dec. 27, 1922—SW YERBA BUENA AVE dist SE 421.86 from intersection of SW Yerba Buena Ave with W Santa Paul Ave, St. Francis Wood Extn No. 2 and rung 315 S Yerba Buena. AVE of curve to right radius 5230, 10 S 106 28' 31" W and radial to SW line Yerba Buena Ave 100 NW part to SW Yerba Buena Ave on arc of curve to left radius 5120 ft. 39 23' 14" E radial to SW Yerba Buena Ave 100 to beg SW Yerba Buena Ave 461.86 from intersection SW Yerba Buena Ave with W Santa Paul Ave, St. Francis Wood Extn No. 2 SE along SW Yerba Buena Ave on arc of curve to right with radius 5230, 40 S 40° 54' 49" W and radial to SW Yerba Buena Ave 109 NW and part with SW Yerba Buena Ave on arc of curve to left whose radius is 5120 39.24 N 40° 28' 31" E radial to SW Yerba Buena Ave 100 to beg. Homes Loan Corporation to Clarence M Moore and M P Widen son Jas Madsen.....Dec. 26, 1922
 Dec. 28, 1922—W TWENTY-FIFTH AVE 200 N Cabrillo N 25XW 120. Jas O Maxon to Knabenshub & Morrison.....Dec. 18, 1922

Dec. 28, 1922—N MISSION 350 E Seventh N 160X8 125. Geo B Somers to G P W Jensen, Dec. 19, '22
 Dec. 28, 1922—LOT 4 BLK 3190, Westwood Park. Walter E Hansen to whom it may concern.....Dec. 28, 1922
 Dec. 28, 1922—E EIGHTEENTH AVE 125 and 100 S Cabrillo 25X120. Patrick J Feerick to whom it may concern.....Dec. 28, 1922
 Dec. 28, 1922—E HARRISON 156 S Twenty-fourth. Elsa Equi to whom it may concern.....Dec. 28, 1922
 Dec. 28, 1922—W COLE 100 S Beulah W 100 S 25 W 21-8 1/2, S 80 W 131-8 1/2 N 15. A W Morton to whom it may concern.....Nov. 15, 1922
 Dec. 28, 1922—E TWENTY-SEVENTH AVE 150 S Clement S 25X E 100. Alfred O Gerke to J C Thomas.....Dec. 23, 1922
 Dec. 28, 1922—2300 FT. N OF MOIRSE on W Curtis Lot 2 BLK 5, Crocker Amazon Tract. M Biogward to whom it may concern.....Dec. 20, 1922
 Dec. 28, 1922—N TWENTY-FOURTH 77 W Folsom 45-6X10. A W Morton to whom it may concern.....Nov. 15, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
Dec. 22, 1922—W CAPITOL AVE 125 S 10 Montford S 25 X W 112-6. M. Stubbart Co. vs Joseph Dallimonti	\$191
Dec. 22, 1922—SW TAYLOR & POST W 15-10 X S 70. Foucar Ray & Simon, Inc. \$9,541; Jos. Schwartz vs M A. Hunt.....	\$27.50
Dec. 22, 1922—S LENAIRE AVE 75 E Ventura Ave Forest Hill Court Lot 70 front 79 rear 112 & 106 deep. Blair & Sons vs A. L. Wise.....	\$96.70
Dec. 22, 1922—NE GEARY & HYDE E 37-6 X N 87-6. General Machinery & Supply Co. \$162.27; Foucar Ray & Simon, Inc. \$332.89; Jos. Schwartz \$556.60; vs M A. Hunt.....	\$1,051.76
Dec. 22, 1922—SE TWENTY-SIXTH and Bryant S 25X E 100. A J Haisch vs W Esters, conr. Krakau or Krakau.....	\$500
Dec. 23, 1922—S BROAD 100 E Plymouth Ave E 20X8 125 BLK "H" Railroad Hld Ass'n. A Fraumeni vs Jas Tarbutt, Carl E and Florence Kiepen.....	\$344
Dec. 26, 1922—S RUSH 87-6 W Scott W 25X8 100. John Cassareto vs P B McDonald.....	\$190.40
Dec. 27, 1922—SE GEARY AND Hyde E 37-6XN 87-6. Yager Sheet Metal Co vs M A Hunt, Wm Helbing and Jos Schwartz.....	\$152.50
Dec. 27, 1922—W TAYLOR AND Post W 45-10X8 70. Yager Sheet Metal Co vs M A Hunt, Wm Helbing and Jos Schwartz.....	\$224.40
Dec. 28, 1922—N SACRAMENTO 83-6 E Scott 100. 2772 Sacramento St. George Christy vs J Jones.....	\$125
Dec. 28, 1922—S BROAD 109 E Plymouth Ave E 20X8 125 Ptn Lot 1 BLK "H" Railroad Hld Ass'n. S. Mariani & Sons vs Jas Tarbutt.....	\$13.70

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
Dec. 22, 1922—543 or 141 N FILBERT 175 E Polk E 25XN 187-6. C W Bouwae to Minna Gegurgs & Raymond Lueder.....	\$115
Dec. 22, 1922—SW THIRD AVE AND Irving 25X75. D & R M Leonhardt to E A Lawcock and M Banks.....	
Dec. 27, 1922—W FORTYEENTH AVE 75 S Cabrillo S 25XW 100. W P Goss to Harry E Walsh and Harry Moran.....	

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Dec. 22, 1922—S RUSH 55 E Gough E 55x8 120. H. Summerfield and Lillian Dealey as to improvements & property.
 Dec. 27, 1922—E STEUART 75 S Market S 120x6 E 45-10. Louis Metzger as to improvements on property.

BUILDING CONTRACTS

ALAMEDA COUNTY

\$1,000 and Over Reported

No.	Owner	Contractor	Amt.
5428	Kearney	Owner	2,500
5429	Wetzel	Allen	6,850
5430	Lennert	Owner	1,001
5431	Orme	Henderson	2,750
5432	Vanhan	Metz	1,400
5433	Flagg	Turner	2,000
5434	Nelson	Owner	2,000
5435	City of Oakland	Murch	11,875
5436	De Moclade	Dutra	2,600
5437	Boston	Owner	3,000
5438	Toutjian	Toutjian	3,000
5439	Sigwald	Owner	3,500
5440	Schultz	Wieben	6,500
5441	Wort	Yick	1,000
5442	Finby	Perrott	3,500
5443	Campau	Owner	3,000
5444	Marquis	Owner	3,000
5445	Johannessen	Owner	3,500
5446	Getzer	Stanley	3,000
5447	Taylor	Taylor	2,000
5448	Parks	Owner	3,000
5449	Burch	Owner	4,000
5450	Marquis	Sommerstrom	16,000
5451	Smith	Owner	2,500
5452	Marquis	Owner	2,500
5453	Lambrecht	Andersen	2,300
5454	Birch	Owner	4,000
5455	Hook	Tollefsen	2,850
5456	Kohle	Owner	2,600
5457	Whalen	Owner	8,000
5458	Dana	Perry	3,000
5459	Grimes	Owner	2,850
5460	Davis	Nelson	2,760
5461	MacGregor	Owner	15,800
5462	Smith	Owner	1,800
5463	Wurtz	Owner	4,500
5464	Erickson	Myers	3,000
5465	Clark	Reeves	2,150
5466	McKallar	Owner	2,800
5467	Oliveria	Boga	4,000
5468	Ambluh	Owner	4,000
5469	Walker	Owner	8,000
5470	Short	Short	4,000
5471	Calvert	Johnson	3,600
5472	Bruno	Bertolin	3,800
5473	Hughes	Marshall	2,100
5474	Colonial	Knowles	8,119
5475	Hook	Tolletsen	2,850
5476	Howell	Wellbold	4,500
5477	Favert	Owner	3,500
5478	Hammarberg	Owner	3,500
5479	Tiedemann	Deigler	9,000
5480	Hochen	Owner	4,000
5481	Kistner	Shaw	4,800
5482	Garrett	Garrett	1,500
5483	Bercovich	Muller	2,000
5484	Hoffman	Thompson	4,500
5485	Sydes	Owner	3,700
5486	Graff	Owner	1,250
5487	Menefir	Adkisson	1,950
5488	Gaff	Owner	1,250
5489	Schlanker	Jones	123,500

DWELLING

(5428) NO. 1635 BERKELEY WAY, Berkeley. One-story 6-room dwlg. Owner—Thos. Kearney, 2219 McKinley Ave., Berkeley. Architect—None. \$3,500

PRINTING SHOP

(5429) NO. 2125-29 CENTER ST., Berkeley. One-story reinforced concrete printing shop. Owner—B. Gail Wetzel. Architect—None. Contractor—Allen & Conrad, 357 12th St., Oakland. \$68,500

ALTERATIONS

(5430) SE LAKESHORE & TRESTLE Glen Road, Oakland. Alterations and additions. Owner—W. H. Leimert Co., Syndicate Bldg., Oakland. Architect—None. \$1,000

DWELLING

(5431) W RITCHIE 200 S Foothill Blvd., Oakland. One-story 4-room dwelling. Owner—Niles M. Orme. Architect—None. Contractor—E. T. Henderson, 5714 Keith Ave., Oakland. \$2,750

OVEN

(5432) N SIXTEENTH 200 E San Pablo Ave., Oakland. Brick oven. Owner—Vaaban Confectionary Co. Architect—None. Contractor—Paul Metz, 855 44th St., Oakland. \$1400

DWELLING

(5433) NO. 1950 AUSEON AVE., Oakland. One-story 5-room dwelling. Owner—A. J. Flagg, 4607 Virginia Ave., Oakland. Architect—None. Contractor—Fred G. Turner, 4521 Virginia Ave., Oakland. \$3,000

DWELLING

(5434) E BIRDSALL 300 S Storer, Oakland. One-story 4-room dwlg. Owner—O. E. Nelson, 4830 Birdsall Ave., Oakland. Architect—None. \$2,000

ADDITION

(5435) ELEVENTH AND UNION STS., Oakland. School addition. Owner—City of Oakland. Architect—None. Contractor—Walter Murch, Federal Bldg., Oakland. \$11,875

ALTERATIONS

(5436) NO. 790 HAVEN ST., Oakland. Alterations. Owner—S. E. S. Flos De Moclade Corp., Oakland. Architect—None. Contractor—A. V. Dutra, 962 55th St., Oakland. \$2,000

DWELLING

(5437) E MAPLE AVE 258 N California, Oakland. One-story 5-room dwelling. Owner—Robt. Boston, 3033 Hopkins St., Oakland. Architect—None. \$3,000

DWELLING

(5438) NO. 6324 SHATTUCK AVE., Oakland. One-story 4-room dwlg. Owner—R. V. Toutjian, 1910 Ashby Ave., Berkeley. Architect—None. Contractor—S. J. Toutjian. \$3,000

DWELLING

(5439) NO. 2415 THIRTY-EIGHTH AVE., Oakland. One-story 5-room dwelling. Owner—J. W. Sigwald, 3927 Agua Vista, Oakland. Architect—None. \$3,500

GARAGE

(5440) S TWENTYETH 420 W Broadway, Oakland. One-story Class C garage. Owner—E. Schultz, 24th and Webster Sts., Oakland. Architect—None. Contractor—A. C. Wieben, 839 Rosemount Road, Oakland. \$5,500

ADDITION

(5441) NO. 2026 ADDISON, Berkeley. Addition. Owner—Gee Wort, Premises. Architect—None. Contractor—Frank Yick, 800 Webster St., Oakland. \$1,000

DWELLING

(5442) NO. 1632 BEVERLY, Berkeley. One-story 5-room dwelling. Owner—Thos. W. Firby, 453 Cavour St., Oakland. Architect—None. Contractor—E. Perrott, 1136 Fresno St., Berkeley. \$3,500

DWELLING

(5443) NO. 2237 JEFFERSON ST., Berkeley. One-story 5-room dwelling. Owner—Campau-Hall Building Corp., 5723 College Ave., Oakland. Architect—None. \$3,000

DWELLING

(5444) NO. 1764 ROSE ST., Berkeley. One-story 5-room dwelling. Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley. Architect—None. \$3,000

DWELLING

(5445) N BROOKDALE AVE 160 W Kenwick, Oakland. One-story five-room dwelling. Owner—Geo. J. Johannessen, 840 45th St., Oakland. Architect—None. \$3,500

DWELLING

(5446) NO. 5120 BOND, Oakland. One-story 5-room dwelling. Owner—Wm. R. Betzel, 224 Haas Ave., San Leandro. Architect—None. Contractor—J. E. Stanley, 1748 23rd Ave., Oakland. \$2,000

DWELLING

(5447) E EIGHTY-SECOND AVE 250 N E-14th St., Oakland. One-story 4-room dwelling. Owner—L. S. Taylor, 1621 16th Ave., Oakland. Architect—None. Contractor—E. C. Taylor, 1621 10th Ave., Oakland. \$2,000

DWELLING

(5448) NO. 5919 HOLWAY AVE., Oakland. One-story 5-room dwelling. Owner—D. W. Parks, 476 Crescent St., Oakland. Architect—None. \$3,000

DWELLING

(5449) E HAVENS COURT 227 N E-Fourteenth, Oakland. One-story 5-room dwelling. Owner—C. A. Burch, 557 12th St., Okd. Architect—None. \$1,000

DWELLINGS

(5450) NO. 3821 AND 3819 MERA ST., Oakland. Two one-story 5-room dwellings. Owner—E. M. Marquis, 2827 Russell St., Berkeley. Architect—None. \$2,500 each

APARTMENTS

(5451) S PERRY 90 W Grand Ave., Oakland. Two-story 16-room apartments. Owner—Mrs. L. D. Smith. Architect—None. Contractor—Sommarstrom Bros. Co., 306 14th St., Oakland. \$16,000

DWELLING

(5452) NO. 4000 SANTA RITA, Oakland. One-story 5-room dwelling. Owner—E. M. Marquis, 2827 Russell St., Berkeley. Architect—None. \$2,500

DWELLING

(5453) W SIXTY-FIRST AVE 150 N Tevis, Oakland. One-story 4-room dwelling. Owner—Fred Lambrecht, Hayward. Architect—None. Contractor—E. Andersen, 226 Jackson Ave., Oakland. \$2,300

DWELLING

(5454) W SIXTY-FIFTH AVE 80 N Arthur, Oakland. One-story 5-room dwelling.

Owner—C. A. Birch, 357 12th St., Okd.
Architect—None. \$4000

DWELLING
(5455) E SIXTY-SECOND AVE 50 N
Bromley, Oakland. One-story 5-
room dwelling.
Owner—B. R. Hook, 1241 Naples St.,
San Francisco.
Architect—None.
Contractor—C. Tollefson, 5819 E-17th
St., Oakland \$2850

DWELLING
(5456) E TWENTY-FIFTH AVE 537
S E-27th, Oakland. One-story five-
room dwelling.
Owner—A. F. Kohle, 1201 Adeline St.,
Oakland.
Architect—None. \$2600

DWELLINGS
(5457) NO. 501 & 507 E-TWENTIETH
Oakland. Two one-story 5-room
dwellings.
Owner—J. F. Whalen, Federal Bldg.,
Oakland.
Architect—None. \$4000 each

DWELLING
(5458) NO. 2047 TWELFTH AVE.,
Oakland. One-story 5-room dwlg.
Owner—Dana & Lee.
Architect—None.
Contractor—J. P. Perry, 733 Haight
Ave., Alameda. \$3000

DWELLING
(5459) W WOODRUFF 250 S Hopkins,
Oakland. One-story 5-room dwlg.
Owner—R. D. Grimes, 355 12th St.,
Oakland.
Architect—None. \$3850

APARTMENTS
(5460) LOT 11 BLK 1, Martin Kel-
logg Property. All work for two-
story apartments and garage.
Owner—J. O. Davis, 605 Market St.,
San Francisco.

Architect—W. H. Ratcliff Jr., First
Nat'l Bank Bldg., Berkeley.
Contractor—H. P. Nelson, 1947 Blake
St., Berkeley.
Filed Dec. 26, '22. Dated Dec. 20, '22.
Frame up 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$27,664
Bond, \$13,835. Surety, Globe Indemnity
Co. Limit, 100 days. Forfeit, \$5. Plans
and specifications filed.

DWELLINGS
(5461) NO. 2751, 2801, 2800 and 2748
Bartlett, Oakland. Four one-story
six-room dwellings.
Owner—C. M. MacGroger, 470 13th St.,
Oakland.
Architect—None. \$3950 each

DWELLING
(5462) W EASTMAN AVE 105 N
Allendale, Oakland. One-story 4-
room dwelling.
Owner—Jesse D. Smith, 336 E-14th St.,
Oakland.
Architect—None. \$1800

STORES
(5463) E FIRST AVE 175 N E-Twelfth
St., Oakland. One-story stores.
Owner—M. L. Wurtz, 355 12th St., Okd.
Architect—None. \$4500

DWELLING
(5464) NO. 3214 HIGH ST., Oakland.
One-story 5-room dwelling.
Owner—Julia A. Erickson, Premises.
Architect—None.
Contractor—W. J. Myers, 3100 High St.,
Oakland. \$3000

DWELLING
(5465) E HARRINGTON AVE 108 S
Lyon, Oakland. One-story 4-room
dwelling.
Owner—Clark & Schlueter, 3418 Elm-
wood Ave., Oakland.

Architect—None.
Contractor—R. E. Reeves, 1505 37th
Ave., Oakland. \$2150

DWELLING
(5466) N KANSAS 100 W Midval-
Ave., Oakland. One-story 4-room
dwelling.
Owner—H. M. McKellar, 2923 Nined Ave.,
Oakland.
Architect—None. \$2800

DWELLING
(5467) N MCKINLEY 100 S Spruce,
Oakland. One-story 6-room dwlg.
Owner—F. L. Oliveria.
Architect—None.
Contractor—J. M. Boga, 1171 Pacific
Ave., San Leandro. \$4500

DWELLING
(5468) E NINETIETH AVE 10 N Wal-
nut, Oakland. One-story 6-room 2-
family dwelling.
Owner—A. Ambuhl, 1600 90th Ave.,
Oakland.
Architect—None. \$1000

ALTERATIONS
(5469) NE TENTH AND MARKET
Sts., Oakland. Alterations and ad-
ditions.
Owner—E. N. Walker, Premises.
Architect—None. \$8000

DWELLING
(5470) E VERMONT 180 N Prince,
Oakland. One-story 5-room dwlg.
Owner—Louise H. Short, 574 Rosal Ave
Oakland.
Architect—None.
Contractor—C. W. Short, 574 Rosal
Ave., Oakland \$4000

DWELLING
(5471) NO. 5301 WENTWORTH, Oak-
land. One-story 5-room dwelling.
Owner—A. H. Calvert, San Leandro.
Architect—None.
Contractor—H. Elmer Johnson, San
Leandro. \$3600

DWELLING
(5472) NO. 535 WESLEY AVE., Oak-
land. One-story 6-room dwelling.
Owner—J. Bruno and J. Bertoldi, 5628
Vicente St., Oakland.
Architect—None.
Contractor—J. Bertoldi, 5628 Vicente
St., Oakland. \$3800

DWELLING
(5473) REAR NO. 1017 EIGHTH AVE.
Oakland. All work for one-story
frame dwelling.
Owner—Miss Sarah E. Hughes, Okd.
Architect—None.
Contractor—Alex. F. Marshall, 1136
10th Ave., Oakland.

Filed Dec. 27, '22. Dated Dec. —, '22.
Frame up 1/4
Plastered 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$2400
Bond, \$1200. Surety, Globe Indemnity
Co. Limit, 90 days. Forfeit, none.
Plans and specifications filed.

CAFETERIA
(5474) SE FRANKLIN 398 NE 14th
St. NE 54XSE 150, Oakland. All
work for lathing and plastering
two-story concrete cafeteria.
Owner—Mrs. H. H. Crane, Jennie M.
Hammond, Mrs. S. G. Hammond &
S. P. Cuenin (Colonial Cafeteria
Co.)
Architect—A. Reinhold Denke, Dalziel
Bldg., Oakland.
Contractor—A. Knowles, Call Bldg.,
San Francisco.

Filed Dec. 27, '22. Dated Dec. 26, '22.
Lathed 1/4
Interior brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$8419
Bond, none. Limit, as soon as possible
Forfeit, none. Plans and specifications
filed.

DWELLING
(5475) SE SIXTY-SECOND AVE being
Lots 9 and 10 Map Gem Tract, Oak-
land. All work for one-story five-
room dwelling.

Owner—Devery B. Hook, 1241 Naples
St., San Francisco.
Architect—None.
Contractor—C. Tollefson, 836 Mead Ave
Oakland.
Filed Dec. 27, '22. Dated Dec. 26, '22.
Each week owner pays bills....
TOTAL COST, \$24,300

Bond, none. Limit, 70 days from Jan. 1.
Forfeit, \$8 a day. Plans and speci-
fications filed.

DWELLING
(5476) NO. 1133 AMADOR, Berkeley.
Two-story 6-room dwelling.
Owner—W. H. Howell, 1929 Case St.,
Berkeley.
Architect—None.
Contractor—J. Henry Walbold, 1709
Sonoma Ave., Berkeley. \$4500

DWELLING
(5477) NO. 3016 BATEMAN, Berkeley.
One-story 5-room dwelling.
Owner—R. J. Pavert, 181 National Bk.
Bldg., Berkeley.
Architect—None. \$3500

DWELLING
(5478) 743 Alcatraz, Oakland. 1-story
6-room dwelling.
Owner—Albert Hammarberg, 3267 Ade-
line St., Berkeley.
Architect—None. \$3800

DWELLING
(5479) SE COR. NINETIETH AVE. &
Holly St., Oakland. 1-story 2-room
dwelling.
Owner—John Tiedemann, 9003 G St.,
Oakland.
Architect—None.
Contractor—Harry H. Begier, 154 Toler
Ave., San Leandro. \$5000

DWELLING
(5480) 720 PERSPECT AVE, Oakland.
1-story 7-room dwelling.
Owner—O. Hedeen, 1637 21st Ave., Okd.
Architect—None. \$4000

DWELLING
(5481) 626 Spruce St., Oakland. 1-story
5-room dwelling.
Owner—L. L. Kistner, San Leandro.
Architect—None.
Contractor—Shaw & Watson, 1711 Wil-
low St., Alameda. \$4800

PLANING MILL
(5482) W SIXTY-NINTH AVE 100 S
E-14th St., Oakland. 2-story plan-
ing mill.
Owner—Garrett Lumber Co., 6801 E-
14th St., Oakland.
Architect—None.
Contractor—W. F. Garrett, 6801 E-14th
St., Oakland. \$1500

STORE BLDG.
(5483) SW COR. SEVENTEENTH &
Broadway, Oakland. 2-story brick
and concrete store building.
Owner—B. & H. Berecovich, Oakland.
Architect—None.
Contractor—F. A. Muller, Syndicate
Bldg., Oakland. \$20,000

DWELLING
(5484) 444 SUNNYSLOPE AVE, Oak-
land. 1-story 6-room dwelling.
Owner—F. T. Hoffman, 3853 Howe St.,
Oakland.
Architect—None.
Contractor—R. S. Thompson, Oakland.
\$4500

DWELLING
(5485) 2253 THIRTY-NINTH AVE.,
Oakland. 1-story 5-room dwelling.
Owner—E. C. Sydes, 3015 Minna Ave.,
Oakland.
Architect—None. \$8700

GARAGE
(5456) E WARFIELD 75 N Cottage,
Oakland, 1-story tile garage.
Owner—E. C. Graff, 355 1st St., Okd.
Architect—None \$1250

DWELLING
(5457) 3438 WOODRUFF AVE. Oak-
land, 1-story 3-room dwelling.
Owner—Alvira McNeefe, 1715 Telegraph
Ave., Oakland.
Architect—None
Contractor—W. E. Adkisson, 1715 Tele-
graph, Oakland \$1990

GARAGE
(5488) W YORK ST 75 W Cottage,
Oakland 1-story tile garage.
Owner—E. C. Graff, 355 12th St., Okd.
Architect—None \$1250

FLATS
(5489) LOTS 22 & 33 BLOCK J MAP
Broadway Terrace, Oakland, 2-sto.
flats except light fix.
Owner—Fanny Schlanker, Oakland
Architect—Hutchinson & Mills, 1214
Webster St., Oakland
Contractor—S. W. Jones, 5829 Lawton
St., Oakland

Filed Dec. 28, 1922. Dated Dec. 27, 1922.
Roof boards4
Brown coated4
Completed and accepted4
Usual 35 days4
TOTAL COST \$12,350
Bond \$6175; Sureties, Mrs. L. M. Jones,
F. E. Nelson, P. A. Anderson; Forfeit,
none; Limit, 90 days; Plans and specifica-
tions filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Dec. 22, 1922—SOUTH BERKELEY.
Southern Pacific Co to Hutchinson
Co.Dec. 23, 1922
Dec. 23, 1922—LOTS 5, 6 AND 7 Map
Loma Vista Tract, Oakland. Lu-
cille M Keith to L H Cox, Dec. 21, '22
Dec. 23, 1922—NE CASTRO AND A
Sts. 56888-5, Hayward, Associated
Co. to J K Nissen,Dec. 15, 1922
Dec. 23, 1922—LOT 6 BLK "B" Map
Piedmont Knoll, Oakland. H W
McIntire to whom it may concern
.....Dec. 21, 1922
Dec. 23, 1922—N LINTON AVE 250
W Walnut W 50xN 154, Alameda.
P J and May Bowe to Conrad Roth
.....Dec. 23, 1922
Dec. 23, 1922—No. 1068 FORTY-
seventh St., Emeryville. Mrs. L. E
Rolsen to James L Rich,Dec. 21, 1922
Dec. 23, 1922—No. 710-713 HILGERT
Circle, Oakland. James L Rich to
whom it may concern, Dec. 21, 1922
Dec. 23, 1922—LOT 5 BLK "A" Tri-
angle Park Tract, Berkeley. Roy
O Long to whom it may concern,Dec. 18, 1922
Dec. 23, 1922—LOT 3 BLK "B" Tri-
angle Park Tract, Berkeley. Roy
O Long to whom it may concern,Dec. 18, 1922
Dec. 23, 1922—LOTS 20 AND 21 BLK
"D" Map High St. Villa Tract, Oak-
land. Frank and Annie Strybel to
E L Blackman,Dec. 12, 1922
Dec. 23, 1922—LOT 3 Amelia Tract,
Oakland. Manuel Pedro by A Fred-
erick Anderson to A Frederick An-
derson,Nov. 25, 1922
Dec. 23, 1922—LOTS BLK 2, Berkeley
Heights, Berkeley. P E Marquis
to whom it may concern, Dec. 21, 1922
Dec. 26, 1922—E 81ST-PIRST AVE
10 S Braun, Oakland. J A Laddell to
whom it may concern, Dec. 22, 1922
Dec. 26, 1922—NO. 229 MORAGA RD.,
Piedmont. R M Myers by W M
Myers to W M Myers,Dec. 26, 1922
Dec. 26, 1922—W PARK 50 S Encinal
Ave 8 40xW 100, Alameda. Joseph
R Kachin to G A Scott, Dec. 23, 1922

Dec. 26, 1922—N SYCAMORE 331 E
San Pablo Ave E 25.5xN 39.58, Okd.
Jean Baptiste Balleix to whom it
may concern,Dec. 18, 1922
Dec. 27, 1922—LOT 7 BLK 476 Map
East Oakland Heights, Oakland. E
B Leonard to whom it may concern
.....Dec. 26, 1922
Dec. 27, 1922—S DUTTON AVE 496
NE E-14th NE 47.75xSE 160, San
Leandro. Minnie and J P Eck Jr
to H Elmer Johnson,Dec. 12, 1922
Dec. 27, 1922—S HEARST AVE 167.25
E Acon, 35x100-2, Berkeley. A B
Tuttle by Geo E Mellon to Charles
A Doyle,Dec. 26, 1922
Dec. 28, 1922—E MARKET 481 S
First 8 200xSE 100, Oakland. Pacific
Gas & Electric Co to Duncanson-
Harrelson Co.,Dec. 19, 1922
Dec. 28, 1922—N 10 LOT 25 all Lot
24 Blk 17 Berkeley Villa Ass'n Trct.
Berkeley. Jane E Fincke and
Henry W Fincke to whom it may
concern,Dec. 28, 1922
Dec. 28, 1922—LOT 60 Map Lake
Knoll, Oakland. Laura A C Laur
to Gordon Wiser,Dec. 27, 1922
Dec. 28, 1922—NW 60 LOT 22 and
SW 24 of SE 24 LOT 22 Resbalyn
Blks A and B, Meek Estate Or-
chards,W F Higgins to M H
Lohlaw,Dec. 26, 1922
Dec. 28, 1922—N LYON AVE 110 W
35th Ave being No 3714, Oakland.
J Drost to whom it may concern,Dec. 23, 1922
Dec. 28, 1922—LOT 5 BLK 3 Map
Brookdale Terrace, Oakland. P R
Devore to whom it may concern,
.....Dec. 26, 1922

LIENS FILED

ALAMEDA COUNTY

Dec. 26, 1922—LOT 7 BLK "I" Map
Extension Meek Orchard Tract,
Eden Tp. Sunset Lumber Co vs
Annie and Jos Moses,\$94.25
Dec. 28, 1922—LOT 12 BLK 6 Map
Northbrae, Berkeley. Hogan Lum-
ber & Mill Co vs Karl Friesdorf,\$958.55
Dec. 28, 1922—SW TWELFTH AND
Campbell W 60xS 100, Oakland
Sunset Lumber Co vs Gus Meyer,\$589.76
Dec. 28, 1922—SW TWELFTH AND
Campbell 50x100, Oakland. J A
Fazio vs Augustus Meyer,\$136

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Dec. 22, 1922—E 30 LOT 24 and W
16 LOT 25 BLK "M" Map Harmon
Tract, Berkeley. Sunset Lumber
Co to R H Cross et al.,\$132.29
Dec. 27, 1922—LOT 27 Map Crocker
Oaks, Piedmont. Kawner Mfg Co
to A M Bowser et al.,\$102

Notice of Non-Responsibility

ALAMEDA COUNTY

Dec. 27, 1922—SW 10 LOT 7 all Lot
8 and NE 2 1/2 Lot 9 Blk 3, Map Key
Route Heights, Oakland. Alameda
Investment Co as to improvements
on property

ARCHITECT'S CERTIFICATE

ALAMEDA COUNTY

Dec. 26, 1922—Vernon Winthrop
Houghton has filed his certifi-
cate of architecture for Alameda County.

BUILDING CONTRACTS

FRESNO COUNTY

\$5000 and Over Reported

CHURCH
LOTS 17 TO 21 BLK 16, Fowler. All
work for brick church building.
Owner — Presbyterian Church of
Fowler.
Architect—C W. Peterson, Cory Bldg.,
Fresno.
Contractor—Anton Johnson, Kings-
burg.
Filed Oct. 23, '22. Dated Oct. 12, '22.
Walls up to 1st floor,\$11,000
Walls up 9,500
Ready for roof, 9,500
When plastered 9,500
When completed 7,875
Usual 35 days 15,790
TOTAL COST \$63,163
Bond, \$63,163. Sureties, Olive C. and
Julius Johnson. Limit, 160 work-
ing days.

DWELLING, \$5000; No. 1621 La Salle
St., Fresno; owner, Theresa Car-
denale; contractor, Fisher & Mc-
Nulty, Mattel Bldg., Fresno.

DWELLING and garage, \$7000; No.
5862 Kerckhoff Ave., Fresno; own-
er, Wittenwyle; contractor, C.
E. Buckmaster, 4112 Platt Ave.,
Fresno.

STORAGE plant, \$30,000; Mono and P
Sts., Fresno; owner, Fresno Con-
sumers Ice Co., Fresno; contrac-
tor, Davis-Heller-Pearce Co., Delta
Bldg., Stockton.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Dec. 21, 1922—PTN. LOT 1 Weihe
Home Tract, Fresno. Frank B
Tuttle to whom it may concern,Dec. 19, 1922
Dec. 21, 1922—LOTS 8 AND 9 BLK 5,
Torrance Terrace, Fresno. G E
May to whom it may concern,Dec. 20, 1922
Dec. 21, 1922—LOTS 15 AND 16 BLK
3, Yosemite Addition, Fresno. R C
Kennedy to whom it may concern
.....Dec. 20, 1922
Dec. 22, 1922—LOT 4 Re-Sub of Blks
10 and 11, North Park, Fresno.
Chas S Taylor to whom it may con-
cern,Dec. 15, 1922
Dec. 23, 1922—LOTS 12 AND 43 BLK
2, Claremont Park, Fresno. J B
Hubbart to whom it may concern,Dec. 22, 1922
Dec. 23, 1922—LOTS 1 AND 2 BLK 1
F. H. B. Palm Villa Tract Addition,
Fresno. L J Allen to whom it
may concern,Dec. 23, 1922
Dec. 23, 1922—1/2 LOT 8 Bullard
Fresno Addition. Harry M D
Johnson to whom it may concern
.....Dec. 20, 1922
Dec. 27, 1922—LOTS 15 & 16 BLK
2, Alhambra Tract, Fresno. P.
Enochian,Dec. 22 1922

LIENS FILED

FRESNO COUNTY

Recorded Amount
Dec. 22, 1922—LOT 2 BLK 9 North
Park Terrace, Fresno. Valley Title
& Mantle Co vs M H Christensen,\$461
Dec. 23, 1922—LOT 2 BLK 9 North
Park Terrace, Fresno. Fresno
Lumber Co vs M H Christensen &
Nels Nelson,\$1977
Dec. 23, 1922—LOT 2 BLK 9 North
Park Terrace, Fresno. Bingham-
Hanks Planing Mill Co vs M H
Christensen,\$3798
Dec. 27, 1922—LOTS 20, 21, 22 BLOCK
12 K B Heights, Fresno. Prescott
Brick & Lumber Co. vs. Pete Toc-
chini,\$432

BUILDING CONTRACTS

SACRAMENTO COUNTY

\$2500 and Over Reported

DWELLING, one-story 4-room, \$2500; No. 3425 35th St., Sacramento; owner, K. Mortensen, 3028 3rd Ave., Sacramento.

DWELLING, one-story 5-room, \$3000; No. 3932 Sherman Way, Sacramento; owner, W. L. Wilson, 2941 35th St., Sacramento; contractor, Y. E. Noel, 2023 Sacramento Blvd., Sacramento.

DWELLING, two-story 6-room and garage, \$2500; No. 3041 E St., Sacramento; owner, W. D. McKoy, 3027 E St., Sacramento.

DWELLING, one-story 6-room and garage, \$3750; No. 1016 47th St., Sacramento; owner, C. V. Snider, 816 20th St., Sacramento.

DWELLING, two-story 6-room brick, \$6000; No. 3910 N St., Sacramento; owner, C. A. Duryea, 2017 J St., Sacramento; contractor, J. W. Hooper, 5126 14th St., Sacramento.

DWELLING, one-story 7-room, \$5000; No. 1131 13rd St., Sacramento; owner, Charles M. Ehnis, Thayer Apts., Sacramento; contractor, J. P. Howell, 1837 47th St., Sacto.

DWELLING, one-story 5-room, \$3000; No. 414 28th St., Sacramento; owner, Mrs. L. E. Seylone, Roseville; contractor, E. W. Berk, 2916 G St., Sacramento.

DWELLING, one-story 6-room and garage, \$5750; No. 1189 37th St., Sacramento; owner, Mrs. T. P. Moore, 35th St. and First Ave., Sacramento; contractor, B. H. Bell, 3253 Marshall Way, Sacramento.

ADDITIONS & alterations, \$1800; 1220 J St., Sacramento; owner, Mrs. T. H. Glide, Berkeley; contractor, C. J. Hopkinson, 1318 25th Sacramento.

LIENS FILED

SACRAMENTO COUNTY.

Recorded Amount
Dec 21, 1922—W 1/2 LOT 6, D, E, 16th and 11th Sts., Sacramento, W D McKoy Property Owners' Protective Ass'n vs W A Evans et al., \$60
Dec. 26, 1922—LOT 1160 W. & K. Tet, Sacramento, Sunset Lumber Co vs Charles E Wright and Earl E Smith\$21.70
Dec. 26, 1922—LOT 31 COL. AC, Sacramento, W D McKoy vs W A Evans\$41.25

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

REMODEL, \$1200; No. 436 E-Maple St., Stockton; owner, Gould & Johns, 436 E-Maple St., Stockton.

RESIDENCES (2), \$4550 each; No. 137 and 138 E-Montgomery St., Stockton; owner, North Stockton Town Lot Company.

RESIDENCE, \$4500; No. 1046 W-Wilow St., Stockton; owner, M. Bren-ton.

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
SAN MATEO, Lot 22 Blk. 36 Lyons & Hoag. All work for 1-story frame bungalow.
Owner—H. M. Whitmore, 19 Bancroft, Burlingame.
Architect—None.
Contractor—D. F. Valentine 19 Bancroft, Burlingame.
Filed Dec. 20, 1922, Dated Dec. 11, 1922.
Framed\$745
Plastered 745

Completed and accepted 715
Usual 35 days 745
TOTAL COST, \$2980
Bond, none; Sureties, none; Forfeit, none; Limit, 90 working days, Plans and specifications, none.

BERESFORD, Cal., Community Hospital, Electrical work
Owner—County of San Mateo.
Architect—Will H. Toepke, 72 New Montgomery St., S. F.
Contractor—Engineering Structures Co., 71 New Montgomery St., S. F.
Filed Dec. 18, 1922, Dated Dec. 7, 1922.
Completed and accepted\$250
Usual 35 days 235
TOTAL COST, \$556

Bond, \$178; Sureties, New Amsterdam Casualty Co.; Forfeit, \$20; Limit, none; Plans and specifications filed.

CONSTRUCT ROADS, PATHS, ETC ON above.
Contractor—Peterson & Haywood, 313 San Mateo Ave., Burlingame.
Filed Dec. 18, 1922, Dated Dec. 7, 1922.
First of each month\$575
Usual 35 days 255
TOTAL COST, \$7249

Bond, \$3650; Sureties, none; Forfeit, \$20; Limit, none; Plans and specifications filed.

RESIDENCE
SAN MATEO, Cal., Lot C Popular Ave. and Elcetro. All work for one-story residence.
Owner—Charles & Mrs. McMahon.
Architect—Mitchel & Jackson, Inc., 170 2nd St., San Mateo.
Contractor—Prosper Bow, Angus St., San Bruno.
Filed—Dated—
Framed\$2000.20
Enclosed 1279.00
Erown coated 1279.00
Plastered 1279.00
Completed and accepted 1279.00
Usual 35 days 1279.00
TOTAL COST, \$8399.20

Bond, none; Sureties, none; Forfeit, none; Limit, 90 wk. days; Plans and Specifications filed.

BUNGALOW
LOTS 12 AND 14 BLK 15, Burlingame Grove, Burlingame. All work for one-story bungalow and garage.
Owner—Geo. B. Childs, 1322 Paloma Ave., Burlingame.
Architect—None.
Contractor—Nelson & Shirkey, 204 E-Lane St., Berkeley.
Filed Dec. 19, '22. Dated Nov. 10, '22.
Frame up\$1500
Plastered 1000
Completed 1000
Usual 35 days 1000
TOTAL COST, \$4500

Bond, \$2250. Surety, Hartford Accident & Indemnity Co. Limit, 90 working days. Forfeit, plans and specifications, none.

GRAND STAND
TANFORDIAN RACE COURSE. All work for steel, concrete and wood construction grand stand.

Owner—Pacific Coast Jockey Club, 1st National Bank Bldg., S. F.
Architect—J. A. Appleberger, Claus Spreckels Bldg., San Francisco.
Contractor—Union Constr. Co., 923 Folsom St., San Francisco.
Filed Dec. 19, '22. Date Dec. 15, '22.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$124,212

Bond, \$62,106. Surety, New Amsterdam Casualty Co. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

GARAGE
SAN MATEO, Lot 41 Tract 3 San Carlos. All work for 12-sto. frame garage.
Owner—Mrs. W. G. Chipman.
Architect—T. Peterson Ross, 310 California St., S. F.
Contractor—S. A. Kern.
Filed Dec. 22, 1922, Dated Dec. 21, 1922.
Framed\$278
Completed and accepted 278
Usual 35 days 279
TOTAL COST, \$835

Bond, \$120; Sureties, National Surety Co.; Forfeit, \$1; Limit, 60 wk days from Dec. 26, 1922; Plans and specifications filed.

BUNGALOW
BURLINGAME, Lot 21 Blk 31 Eastern Ave. No. 2. All work for bungalow and garage.
Owner—A. C. and Belva Jane Breyer.
Architect—None.
Contractor—E. S. Shaver, 828 Highland Ave., San Mateo.
Filed Dec. 20, 1922, Dated Nov. 25, 1922.
Roofed
Plastered
Completed and accepted
Usual 35 days
TOTAL COST, \$5660
Bond, none; Sureties, none; Forfeit none; Limit, none; Specifications filed.

DUPLEX dwelling, \$5000; Glazenwood Park, San Mateo; owner, Mr. Osler; architect, S. A. Eorn, Glazenwood, San Mateo; contractor, S. A. Eorn.
DWELLING, frame, \$3500; Lot 22 Blk "R" Hayward Park, San Mateo; owner, Jas. Dunse, 1541 Carol St., San Mateo; contractor, Maddock & Frasey.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Dec 21, 1922—LOT 2 BLK 2, E. Burlingame Ter, Burlingame, Anna Coyte to whom it may concern.....Dec. 17, 1922
Dec. 21, 1922—LOT 7-A and Ptn Lot 7-B Blk 18, San Mateo, Mercantile Trust Co to Ben C Zimmerman.....Dec. 19, 1922
Dec. 22, 1922—LOT 5 BLK 37 LYON & Hoag Sub., Burlingame, William A. Sheehan to Charles G. Adams.....Dec. 21, 1922
Dec. 23, 1922—NE COR CARLOS AVE and Hale Drive, Burlingame, Cal. Robert F. Neilsen to whom it may concern.....Dec. 21, 1922
Dec. 23, 1922—LOT 6 BLK 2 BURLINGAME Park No. 4, Burlingame, Cal. Sarah Collins to Ray S. & L. A. Kern.....Dec. 19, 1922
Dec. 23, 1922—PART LOT 6 BLK 13 Town of Burlingame, Charles & Mary Gotling to E. C. Shaver.....Dec. 18, 1922
Dec. 26, 1922—PART LOT 277 SAN Mateo Park, San Mateo, Cal. J. H. Halin to whom it may concern.....Dec. 23, 1922

PIERCE-BOSQUIT

Abstract & Title Co.

Capital Stock \$100,000

Sacramento, Placerville,
Nevada City, Reno

SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Dec. 26, 1922—LOT — BLK —, BURLINGAME Terrace, Burlingame, Cal. H. E. Jenkins and G. H. Stern to Thomas N. GessoDec. 22, 1922
Dec. 27, 1922—LOT 10 BLK 1 HIGH-School Park Add., So. San Francisco, Attilio & Mary Scorrilo to Geo. WagnerDec. 20, 1922
Dec. 27, 1922—PART LOT 19 BLK 126 So. San Francisco, Fanny C. & John Bertelsen to George WagnerDec. 20, 1922
Dec. 27, 1922—PART LOT 2 BLK 94 South San Francisco, Peter Pala to George WagnerDec. 20, 1922
Dec. 27, 1922—LOT 6 BLK 37 EASTERN Add No. 2, Burlingame, Calif. Armando Pantaloni to Fred ValentineDec. 23, 1922
Dec. 27, 1922—PART LOT 38 BLK 82, part lot 15-16 blk 94, part lot 8 blk 83, part lot 2 blk 129, part lot 7-8 blk 83; lots 5 & 6 blk 7 High School Park, South San Francisco, E. C. Peck Investment Co. to George WagnerDec. 20, 1922

BUILDING CONTRACTS

SANTA CLARA COUNTY.

\$1,000 and Over Reported

BUNGALOW
BYRON ST., Palo Alto. All work for four-room bungalow.
Owner—Lucy A. Herring, Palo Alto.
Architect—None.
Contractor—W. S. Couter & Co., Palo Alto.
Filed Dec. 20, '22. Dated Dec. 16, '22.
Foundation 4
Under roof 14
Upon completion 14
Usual 35 days \$575
TOTAL COST, \$2,300
Bond, none. Limit, 70 working days from Dec. 20, 1922. Forfeit, none. Plans and specifications filed.

DWELLING
EVERGREEN. All work for one-story frame dwelling.
Owner—Eleanor Tully, Evergreen.
Architect—None.
Contractor—James A. Lemieux, 577 S. 6th St., San Jose.
Filed Dec. 19, '22. Dated Dec. 2, '22.
Rough frame up and rafters in place \$1,000
Plumbing and wiring done 1,000
Plastering finished 1,000
Usual 35 days 834
TOTAL COST, \$3,834
Bond, none. Limit, 90 working days from Dec. 2, 1922. Forfeit, none. Plans and specifications filed.

SCIENCE BLDG.
SANTA CLARA. All work for three-story science building.
Owner—The President and Board of Trustees of Santa Clara College, Santa Clara.
Architect—John J. Donovan, 512 Pacific Bldg., Oakland.
Contractor—J. S. Sampson Co., Menlo Park Bldg., San Francisco.
Filed Dec. 19, '22. Dated Dec. 15, '22.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$148,500
Bond, \$74,275. Sureties, Globe Indemnity Co. Limit, Aug. 1, 1923. Forfeit, \$30. Plans and specifications filed.

APARTMENTS, ETC.
PALO ALTO. All work for bungalow court consisting of ten apartments and seven separate bungalows.
Owner—P. L. Wisdom, 169 Waverly St., Palo Alto.
Architect—Eugene M. Clark, 600 Embarcadero St., Palo Alto.
Contractor—Wells L. Goodenough, 435 Tenneyson St., Palo Alto.
Filed Dec. 16, '22. Dated Dec. 14, '22.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$29,084

Bond, \$15,000. Sureties, Z. T. Thorning and W. P. Gray. Limit, 130 working days from Dec. 18, 1922. Forfeit, none. Plans and specifications filed.

ALTER apartments, \$1000; No. 1128 S-Second St., San Jose; owner, Mrs. J. Jarvis; contractor, Howard Walz, 1252 Balbach St., San Jose.
COTTAGE, four-room, \$2400; No. 1164 St., near Bird St., San Jose; owner, A. A. Green; architect, A. Willmot, 36 N-Lincoln St., San Jose; contractor, Willmot Bros., 36 N-Lincoln St., San Jose.
COTTAGE, four-room, \$2750; No. 131 S-20th St., San Jose; owner, Mary Newby; architect, A. Willmot, 36 N-Lincoln St., San Jose; contractor, Willmot Bros., 36 N-Lincoln St., San Jose.
COTTAGE, five-room, \$3750; S Tenth St. near Virginia, San Jose; owner, M. De Mattel.
INCINERATOR, \$5000; No. 384 W-Santa Clara St., San Jose; owner, Hubbard & Carmichael Bros., Prem contractor, Jorgensen & Thomey, 160 Irving St., San Jose.
GARAGE, one-story concrete commercial, \$16,000; W St. James near First St., San Jose; owner, C. A. Letcher, 214 N-First St., San Jose; architect, Wolfe & Higgins, Auzerais Bldg., San Jose.
ALTER barn & house, \$1400; Charleston near Prevost, San Jose; owner, E. J. Americh.
COTTAGE, five-room, \$3950; Floyd and Sherman Sts., San Jose; owner, R. J. Biaggi.
COTTAGE, 6-room, \$4200; Orchard St. near Balbach, San Jose; owner, J. C. Huber, 470 Orchard St., San Jose; architect, W. W. Hastings, 524 E-St. James St., San Jose; contractor, Hastings Bros., Bank of San Jose Bldg., San Jose.

OFFICIAL PROPOSALS

(Continued from Page 17)

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on January 15, 1923, at which time they may be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highways as follows: Humboldt County, between Fortuna and Leleta (I-Hum-1-G), about four and two-tenths (4.2) miles in length, to be graded and surfaced with gravel.
Plans may be seen and forms of proposals, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.
No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.
The Department of Public Works, acting by and through the California Highway Commission, reserves the

right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission.
AUSTIN B. FLETCHER,
State Highway Engineer.
R. A. MURRAY, Secretary.
Dated December 18, 1922.

NOTICE TO CONTRACTORS

(Hanford Union High School District)

Pursuant to an order of the Board of Trustees of the Hanford Union High School District duly passed and entered in its minutes of December 11th, 1922, notice is hereby given that said board will receive sealed proposals for the following branches of work:
1—General bid for erecting a gymnasium.
2—Separate bid for plumbing and heating work.
Plans and specifications are on file with the clerk of said Board. Copies may be obtained at the office of Coates and Traver, architects, 526 Rowell Building, Fresno, California.
All bids must be in the hands of G. W. Armstead, Clerk of the Board of Trustees at the High School Building, Hanford, California, on or before 5:30 p. m., January 8th, 1923.
Bidders may figure either one of the segregations or both of them together. A certified check or bidder's bond equal to 10 per cent of the amount of the bid submitted, must accompany each proposal.
The Board reserves the right to reject any or all bids submitted.
All bids must be sealed and the name of the bidder and branch of work must be marked on the outside of the envelope.
BOARD OF TRUSTEES,
Hanford Union High School,
G. W. Armstead, Clerk.

BIDS WANTED FOR PAINTING

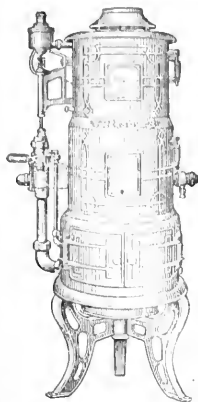
NOTICE

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., December 16, 1922.
SEALED PROPOSALS will be opened in this office at 3 p. m., January 11, 1923, for painting, plastering, at the U. S. Post Office, Portland, Oregon, in accordance with the specification, copies of which may be had at this office or at the office of the Custodian, in the discretion of the Supervising Architect, Jos. A. Wetmore, Acting Supervising Architect.

AUDITORIUM EQUIPMENT BIDS WANTED

(Reedley Joint Union High School District)

The Board of Trustees of the Reedley Joint Union High School District invites sealed proposals for the equipment and installation of the seating and stage and other equipment of the high school auditorium now under construction, as follows:
A. 1782 opera chairs, more or less.
B. Stage curtain and cyclorama.
Further details and specifications may be obtained from E. W. Hauck, High School Principal, Reedley, Calif. Proposals may be submitted on either or both items. Alternative bids will be considered.
Prices submitted shall be on the basis of delivery and installation, in satisfactory working and usable condition, not later than June 1, 1923.
Bids must be accompanied by samples or by pictures with printed or typewritten description.
A certified check payable to the Reedley Joint Union High School District equal to five per cent (5%) of the highest amount bid must accompany each proposal.
Bids will be received up to 8 p. m., Monday, January 8, 1923, and will be opened immediately thereafter.
The Board reserves the right to reject any or all bids.
MARION DENFEN,
Clerk of the Board of Trustees, Reedley Joint Union High School District.



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THE CONTRACTORS' ROOM

BUILDING AND ENGINEERING NEWS maintains a Contractors' Room where plans and specifications may be filed by Architects, Engineers and Owners for the convenience of bidders in San Francisco and the Bay Counties.

Architects, Engineers and Owners are invited to forward plans of their projects to BUILDING AND ENGINEERING NEWS. No charge for this service. The plans will be returned in good condition when contract for work is let.

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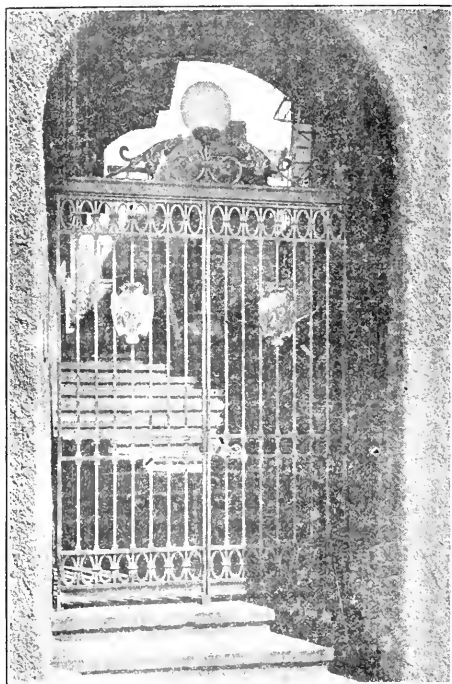
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